

ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2017-18

**Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
Bangalore, India**

Moolji Jaitha College, Jalgaon

NAAC Reaccredited "A" Grade (CGPA 3.15)

UGC Honoured "College of Excellence"

ISO 9001:2008 Certified

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The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)
2017-18
Part – A

Data of the Institution

1. Name of the Institution **Moolji Jaitha College, Jalgaon**

- Name of the Head of the institution : **Dr. U. D. Kulkarni**
- Designation : **Principal**
- Does the institution function from own campus : **YES**
- Phone no./Alternate phone no. : **0257-2234281**
- Mobile no. : **9850118166**
- Registered e-mail : **mjcollege@kces.in**
- Alternate e-mail : **iqacmjcollege@gmail.com**
- Address : **Moolji Jaitha College, Jalgaon**
- City/Town : **Jalgaon**
- State/UT : **Maharashtra**
- Pin Code : **425001**

2. Institutional status

- Affiliated / Constituent : **Affiliated to North Maharashtra University, Jalgaon**
- Type of Institution: Co-education/Men/Women : **Co-education**
- Location : Rural/Semi-urban/Urban : **Urban**
- Financial Status : **Grants-in aid and UGC 2f and 12 (B)**
- Name of the Affiliating University : **North Maharashtra University, Jalgaon**
- Name of the IQAC Co-ordinator : **Dr. K. P. Narkhede**
- Phone no. : **0257-2234281**
Alternate phone no.
- Mobile : **9822254383**
- IQAC e-mail address : **iqacmjcollege@gmail.com**
- Alternate Email address : **kpn.mjc@gmail.com**

3. Website address : **<https://www.kcesmjcollege.in>**
Web-link of the AQAR: **<https://www.kcesmjcollege.in/AQAR-2016-2017.pdf>**
(Previous Academic Year)

4. Whether Academic Calendar prepared during the year? : **Yes**
if yes, whether it is uploaded in the Institutional website : **Yes**

Web link: <https://www.kcesmjcollege.in/AcademicCalender-2017-18.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	--	2004	from:8.1.2004 to: 7.1.2009
2 nd	A	3.63	2012	from:15.9.2012 to: 14.9.2017
3 rd	A	3.15	2018	from: 3.7.2018 to: 2.7.2023

6. Date of Establishment of IQAC:28/09/2004

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
ISO Certification	2018-2021	College

8. Provide the list of funds by Central/ State Government UGC/ CSIR/ DST /DBT /ICMR /TEQIP /World Bank /CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
MJCollege	College with Excellence	UGC	Year of award 2014 2014 to 2019 (5 years)	180 lakh (5 years) 13 lakh (2017-18)

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

Latest notification of formation of IQAC is uploaded on website

10. No. of IQAC meetings held during the year : Two

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website Yes

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount: Not Applicable Year: Not Applicable

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- Prepared rough draft of Self Study Report (SSR) for the third cycle of the accreditation
- Maintenance of quality system of college through ISO Re-certification
- Facilitated to organize workshops/ Training for teachers for qualitative improvement
- Organized cultural, skill developmental events for students overall improvement

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards

Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Organized National conference	National conference organized by college 1. Bharatiya Mahila Darshanik Parishad” in 15-17 Dec. 2017 2. Groundwater: status, challenges and mitigation on 4-5 Feb. 2018
Yoga department planed International day	International yoga day was celebrated
Celebration of subject days in department	Various department has organized subject days such as, Zoo Day, botany day, Sanskrit week 22-29Aug. 2017, Hindi week, Vachan Prerana

	Din on 15 Oct. 2017 by Marathi dept. etc.
Department of Printing Technology plan to organize Mahaprint expo exhibition	Event was organized on 7 to 8 th Dec. 2017 with the participation of around 800 visitors
NET, SET workshop	Organized by various department such as Mathematics, Hindi, Sociology
Department of Chemistry plan students centric activities such as Talent search examination	Activity was organized to motivate the students
Campus biodiversity survey of college	Activity was conducted by Department of Botany
To organized workshops / FDP /conference	Organized workshop on use of Technology in Teaching, Syllabus framing workshops by Geogrpahy, botany, etc.
To organize cultural events	Music Dept organized activities such as Sarivar Sar, Samarpan Sohala, Deshbhakti Geet

14. Whether the AQAR was placed before statutory body? YES

Name of the statutory body: **College Development Committee (CDC)**

Date of meeting(s): **26 /12/2018**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: YES

Date: **12.4.2018 to 13.4.2018**

16. Whether institutional data submitted to AISHE: Yes/No: YES

Year:

Date of Submission: **3.3.2018**

17. Does the Institution have Management Information System? Yes

If yes, give a brief description and a list of modules currently operational.

The college has management information system (MIS) which facilitate management of computerized database of financial information, organized and programmed in such a way that it produces regular reports whenever need by various level of management in the college. It is also possible to obtain special reports from the system easily such as expenditure on various budget heads. It gives the feedback about own performance on various aspects; top management can monitor the college financial planning as a whole. Information displayed by the MIS typically shows "actual" data over against "planned" results and results from a year before; thus it measures progress against goals. The MIS receives data from different units and functions. Some of the data are collected automatically from computer-linked check-out counters; others are keyed in at periodic intervals. Routine reports are pre-programmed and run at intervals or on demand while others are obtained using built-in query languages; display functions built into the system are used by authority to check on status at desk-side computers connected to the MIS by networks. In addition to financial database, students database is also hosted in the college server with specialized access to the authorized persons.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation.

Being affiliated to the North Maharashtra University, Jalgaon, the college follows curriculum given by the university and for effective implementation of the curriculum, the college prepares roadmap every year. Highlights of the roadmap are as below:

Academic Calendar Preparation:

- Prior to the commencement of the academic year, departments of the college prepare their academic calendar based on the University calendar.
- This gives clear picture of the available dates for noteworthy activities to ensure proper teaching-learning transaction and continuous evaluation.
e.g. Organization of conference, workshops, annual gathering, internal examination schedule, etc.

Pre-work at departmental level:

- At the beginning of the academic year, Head of the Department conducts meeting and discuss departmental academic calendar with the staff members for smooth conduction of the activities.
- Discussion of the syllabus with individual teachers.
- Assignment of the workload and timetable to the individual teacher.
- Individual teacher prepares month-wise teaching plan considering following factors:
 - Available dates and periods for teaching-learning process.
 - Syllabus to be covered
- Teaching plans are submitted to the Head of the Department.

Memorandum of Lectures:

- Every teacher records daily teaching-learning activities. For this, academic diary is provided to each at the start of academic year.
- Head of the department monitors day to day activities.
- Weekly records of teaching-learning activities are submitted to the Head of the Department.

Use of Information and Communication Technology:

- For better understanding of the topic by the students, use of ICT has been increased by the faculty.
- Teachers use power point presentations, animations, video clips, etc for better explanation of the topic.
- E-udbodhan activity: College teachers record their lectures and upload on college website.

Periodical meetings:

- Periodical meetings are held at departmental level by the Head of the department and thus monitor the smooth conduction of teaching-learning process.

Periodical meetings (1 or 2) are conducted by the Vice-principals and Co-ordinators of each faculty with the Head of various departments for smooth and effective conduction and implementation of curriculum.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Web Development Skills	--	July 2017	Inculcating website development skills among students	Website Development and maintenance

Entrepreneurship Skills Development		July 2017	Developing Entrepreneurial skills and abilities among students	Entrepreneurial skill development
Introductory Sanskrit Language	-	July 2017	Teacher, private tutorship	Fluency in Sanskrit
Yogic Foundation		July 2017	Teacher, private tutorship	Expertise in yoga
	Yogic Foundation	July 2017		
Naturopathy & Yogic Science		July 2017	Health advisor	Expertise in yoga and naturopathy
	Naturopathy & Yogic Science	July 2017	Health advisor	Expertise in yoga and naturopathy
Security and Vigilance Management	--	July 2017	Employment in security system	Useful in Vital Installations special security /vigilance sector

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Nil	Nil	Nil	Nil

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS/	UG	PG	Date of implementation of Elective Course System	UG	PG
Nil	Nil	Nil	2014-15	B.Sc. (Chemistry)	
			2015-16		M.Sc. (Analytical chemistry)
			2013-14	B.Sc. (Physics)	
			2013-14		M.A./M.Sc. (Geography)
			2012-13	B.Sc. (Mathematics)	
			2014-15		M.Sc. (Mathematics)
			2014-15	B.Sc. (Zoology)	
			2015-16		M.Sc. (Zoology)
			2014-15	B.Sc. (Botany)	
			2015-16		M.Sc. (Botany)
			2012-13	B.A. (Geography)	
			2014-15	B.Sc. (Computer Science)	
			2014-15		M.A. (Hindi)
			2012-13	B.A. (Hindi)	
			2014-15		M.A. (English)
			2014-15		M.A. (Marathi)
			2012-13	B.A. (Marathi)	
			2014-15		M.A. (Defence & Strategic Studies)
			2014-15		M.A. (History)
			2012-13	B.A. (History)	
			2014-15		M.A. (Economics)
			2012-13	B.A. (Economics)	
			2014-15		M.A. (Political Science)
			2012-13	B.A. (Political Science)	
			2015-16		M.A. (Psychology)
			2012-13	B.A. (Psychology)	

		2012-13	B.A. (Sociology)	
		2015-16		M.F.A. (Sculpture)
		2012-13	B.F.A. (Applied Art)	
		2012-13	B.F.A. (Drawing & Painting)	
		2014-15	B.F.A. (Sculpture)	
		2012-13	B.Com.	
		2014-15	M.Com.	
		2011-12	M.B.M.	

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

No of Students	Certificate	Diploma Courses
12	Organic products and audits	Nil
35	Web Development Skills	
60	Entrepreneurship Skills Development	
26	Naturopathy and yogic science	
07	Hotel operations and Management	
20	Cyber security	

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
Entrepreneurship Skills Development	2017-18	60
Functional English	2012-13	07
Dramatics	2012-13	05
Yogic foundation	2012-13	33
Applied counselling	2013-14	06

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internships program Psychiatrist Hospital (PG)	20

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution?

Feedback forms are collected from the students to evaluate a teacher's performance. Teachers' performance is analysed on the basis of various questions asked in the feedback forms. The analysed data is tabulated teacher wise and percentage score is calculated for each teacher for each point. The strong points and weak points are noted by the HOD for each teacher and the same is informed to all the teachers. In case of unsatisfactory score for a particular point for a particular teacher, the same is conveyed to the relevant teacher and necessary advice is given by the HOD to the respective teachers.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
BCA	120	120	120
BBA	120	109	109
B.Com	520	445	445
B.Sc.	647	647	647
B.A.	522	522	522
BFA	60	32	32
B.Voc	120	91	91
M.Com	180	185	185
M.Sc. Organic Chemistry	30	30	30
M.Sc. Analytical Chemistry	31	31	31
M.Sc. Computer Science	40	27	26
M.Sc. Microbiology	20	17	17
M.Sc. Mathematic	60	59	59
M.Sc. Geography	20	14	14
M.Sc. Botany	20	20	20
M.Sc. Biotechnology	20	9	9
M.Sc. Zoology	22	22	22
M.A. Economics	60	60	60
M.A. Yogic Science	60	30	30
M.A. English	60	69	69
M.A. Political Science	72	75	72
M.A. Sociology	40	41	40
M.A. History	60	69	69
M.A. Defence	30	23	23
M.A. Psychology	40	25	23
M.A. Mass commun.	40	22	22
M.A. Sanskrit	60	08	08
M.A. Philosophy	20	3	3
M.A. Music	20	1	1
M.F.A	40	28	28

Note:

- Admission for PG courses under science faculty is centralized and the process is conducted by university. Hence, admitted students are equal to applied number of students
- Student strength of undergraduate courses include granted divisions, non grant division and additional student strength as approved by the university and as the case may be.

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	4317	1751	126	46	24

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
196	97	<ul style="list-style-type: none"> • EMDC facility Resource Access Centre (DLRAC) • Computers 578 with Internet facility • Laptops 53 • LCD Projectors 48 • Laser Printers 92 • Digital Presenter 01 • K-YAN Knowledge Yantra 12 	30	11	<ul style="list-style-type: none"> • Power point • You tube videos • LMS based quizzes, notes • Online question papers • Video lectures • E- Educational contents • Subject specific Software • Audio lectures produced by the college's • Blogs

2.3.2 Students mentoring system available in the institution? Give details.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
6068	196	1:30.95

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
111	68	43	Nil	40

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	Nil	Nil	Nil

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
B.Sc.	--	2017-18	April 2018	2 nd week of June 2018
B.A.	--	2017-18	April 2018	2 nd week of June 2018
B.Com.	--	2017-18	April 2018	2 nd week of June 2018

B.B.A.	--	2017-18	April 2018	2 nd week of June 2018
B.C.A.	--	2017-18	April 2018	2 nd week of June 2018
M.Sc.	--	2017-18	May 2018	4 th week of June 2018
M.Com.	--	2017-18	May 2018	4 th week of June 2018
M.A.	--	2017-18	May 2018	4 th week of June 2018

Note: As the college is affiliated to university, hence, this is jointly under the control of university

2.5.2 Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level

Being affiliated to North Maharashtra University, the college follows the evaluation structure as recommended by the university. At present, semester system for all levels and all faculties has been implemented by the university. Total weightage for external evaluation is 60% and for internal evaluation is 40%.

Keeping in view the need for continuous formative assessment of the students, the college initiated the following measures:

- Centralized Internal Examination system is followed for smooth working and transparency.
- Each year, the college constitutes an examination committee to ensure effective implementation of all activities related to internal and external examinations and assessments.
- Home assignments, seminars, general behavior and attendance are taken into consideration while awarding internal scores to the students. For the students of science faculty, Journal keeping of the practical sessions is also considered for continuous assessment.
- Grievances in assessment, if any, are resolved through teacher interaction.
- Retest is conducted for those students who remain absent during the internal examinations owing to their participation in NCC, NSS, Sports, or other camps so as to facilitate continuation of their studies without hindrance.
- The results of the internal examinations are declared within a week, enabling the students to raise any grievance and get it resolved before the marks are finally submitted to the university.

In addition to the internal test, for continuous internal evaluation of the students, oral examination, internal assignments and seminars are introduced. Students are encouraged to participate in Quiz contests, Poster competitions and Conferences.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters

Being affiliated to the North Maharashtra University, Jalgaon, the college follows curriculum given by the university. For effective implementation of the curriculum, the college prepares academic calendar every year. Highlights of academic calendar are as below:

Academic Calendar Preparation

- The academic calendar is prepared jointly by Vice principal of Faculty and Coordinators and staff members
- Prior to the commencement of the academic year, departments of the college prepare their academic calendar based on the University calendar.
- This gives clear picture of the available dates for noteworthy activities to ensure proper teaching-learning transaction and continuous evaluation. e.g. Organization of conference, workshops, annual gathering, internal examination schedule, etc.

Examination committee decides the dates of examination and accordingly departmental activities planned in Academic calendar. Activities conducted such as guest lectures, University level PPT competition, State level Chemistry Talent Search Examination, Advances Instrument Training Programme for T.Y. B.Sc. and M.Sc. students.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes

for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.kcesmjcollege.in/Outcomes.aspx>

2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
	B.Sc. Biochemistry	20	16	80.00
	B.Sc. Biotechnology	13	11	84.61
	BSc. Botany	15	11	73.33
	B.Sc. Zoology	19	15	78.9
	B.Sc. Chemistry	75	47	62.66
	B Sc Mathematics	28	20	71.43
	B.Sc.CS	64	51	79.60
	B.Sc.IT	7	5	71.40
	B.Sc in Statistics	54	40	74.07
	B.Sc Geography	02	02	100
	B.Sc Geology	06	06	100
	BSc. Microbiology	56	48	85.71
	BSc. Environment Sci	02	02	100
	B.Voc Green house	08	06	75
	B.Voc Printing	04	04	100
	M.Sc. Biotechnology	14	05	35.71
	MSc. Botany	22	17	77.27
	M.Sc. Zoology	23	17	73.91
	M.Sc. Organic	30	19	63.33
	M.Sc. Analytical Chemistry	31	18	58.06
	M.Sc. Computer science	19	04	21.00
	M Sc Mathematics	55	22	40.00
	M.Sc. Microbiology	16	13	81.25
	B.A. Geography	14	14	100
	B.A. Economics	51	42	82.35
	B.A. English	17	14	82.00
	B.A. Marathi	07	04	57.14
	B.A. Psychology	10	07	70.00
	B. A. Yogic Science	12	09	75.00
	B.A. Defence	17	17	100
	B.A. Political Science	49	38	77.55
	BA Social Science	13	12	92.30
	B.A Sanskrit	04	04	100
	M.A./MSc. Geography	16	13	81.25
	M.A Economics	40	33	82.50
	M.A. English	42	25	59.00
	M.A. psychology	19	17	89.00
	M.A. Marathi	28	01	96.42
	M.A. Political Science	47	26	55.31
	M.A. Sanskrit	07	07	85.71
	M.A. Social Science	18	16	88.88

	M. A. Yogic Science	28	27	96.42
	B.Com	388	266	68.55
	BBA	49	40	81.63
	BCA	75	63	84.00
	M.Com	184	128	69.56

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance

The institution has planned the satisfaction survey for assessment of overall institution performance. The committee is working in this regard to design the questionnaire.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned (lakh)	Amount received during the Academic year (2017-18) Lakh
Major projects	2015-2017	DST	16.19	11.72
	2015-2017	WRO-UGC	4.40	3.30
	2015-2018	ICSSR, New Delhi	5.0	2.0
Minor Projects	2015-2017	RGSTC, Govt. of Maharashtra	2.95	2.94
	2016-2018	RGSTC- Govt. of Maharashtra	2.5	1.25
	2017-2019	UGC	6.68	5.44
Interdisciplinary Projects	Nil	Nil	0	0
Industry sponsored Projects	Nil	Nil	0	0
Projects sponsored by the University/ College	2015-2017	VCRMS, NMU	0.70	0.50
	2017-2019	VCRMS, NMU	0.85	0.75
	2016-2018	VCRMS, NMU	1.26	0.69
Students Research Projects (<i>other than compulsory by the College</i>)				
International Projects				
Any other(Specify)				
Total			40.53	28.59

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Faculty of commerce and Management in collaboration with Maharashtra Centre of Entrepreneurship Development (MCED), Aurangabad and District Industry Centre (DIC), Jalgaon organized 3 days camp for Entrepreneurship Awareness	Faculty of Commerce and Management	11 -13 Oct 2017

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Impact of Particulate Matter on Flour Mill Workers	Mr. Kiran P. Pawar	H. J. Thim College of Arts and Science, Mehrun Jalgaon	10.2.2018	Research scholar
Nourishment of Soil Using Temple Waste	Mr. Kiran P. Pawar	North Maharashtra Universities, Jalgaon,	29-30 Dec. 2017	Research scholar

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Nil	Nil	Nil
Name of the Start-up	Nature of Start-up	Date of commencement
Nil	Nil	Nil

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

3.3.2 Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	No. of Ph. Ds Awarded
Botany	1
Environmental Science	1
Commerce	2
Marathi	2
Political Science	1

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Biochemistry	2	--
	Botany	1	--
	Microbiology	2	--
	Commerce	2	5.18
	Marathi	2	
	Social Sci	2	(IIJIF) 3.01, 4.197
International	Botany	3	1.78
	Chemistry	1	2.56
	Zoology	9	COSMOS impact factor 4.270
	Statistics	1	--
	Environment Science	2	--
	Microbiology	1	--
	Sanskrit	1	
	Social Sci	1	--

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/ International Conference Proceedings per Teacher during the year

Department	No. of publication
Biochemistry	1
Comp science and Info Tech	2
Zoology	14
Marathi	2
Political science	7
Social science	2

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	55	62	20	41
Presented papers	31	22	5	2
Resource Persons	2	2	1	1

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Survey conducted on superstation and youth	M. J. College, Jalgaon	04	15
International Yoga Day	Under AYUSH Ministry, Govt. Of India	10	24

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Nil	Nil	Nil	Nil

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Swachh Bharat, Aids Awareness	NSS and Botany	Clean Campus, Rangoli Competition	01	20
Industrial Visit	Rotaract Club of M.J. College	Industrial Visit 23/09/2017	01	34
Orphanage Visit	Rotaract Club of M.J. College	Orphanage Visit 12/11/2017	02	22
Blood Donation camp	Rotaract Club of M.J. College	Mahadan 3.0, an international blood donation camp, March 16, 2018	06	50
3 rd Prize for Short Movie , Movie “Jay Hind”	Water supply Dept. Swachhata Vibhag, Maharashtra Shashan, ZP, Jalgaon. Swachh Bharat Mission	Short Movie , Movie “Jay Hind”	00	02

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	Nil

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Nil	Nil	Nil	Nil	Nil

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Maharashtra Centre of Entrepreneurship Development (MCED), Aurangabad and District Industry Centre (DIC), Jalgaon	26-09-2017	Entrepreneurship Skills Development	94

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation (Rs.)	Budget utilized for infrastructure development (Rs.)
3,50,00,000/-	69,39,097/-

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	21.51 acres	Nil
Class rooms	79	Nil
Laboratories	27	Nil
Seminar Halls	4	Nil
Classrooms with LCD facilities	10	1
Classrooms with Wi-Fi/ LAN	10	1
Seminar halls with ICT facilities	4	1
Video Centre	1	Nil
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	41	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	NA	Nil
Others (Sports facility)	1	2

4.2 Library as a Learning Resource

4.2.1 Library is automated (Integrated Library Management System –ILMS)

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	2.0.0.12	2012

4.2.1 Library Services:

	Existing 2016-17		Newly added 2017-18		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7009	833023	1693	287531.2	8702	1120554
Reference Books	7187	30114069	999	409510	8186	343579
e-Books	174	56374	35	50947	209	107321
Journals	80	104839	110	207314	134	
e-Journals	NA	--				
Digital Database	NA	--				
CD & Video	NA	--				
Library automation	NA	--				
Weeding (Hard & Soft)	NA	--	2306	119859		
Others (specify)						

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	625	18	40 MBPS VPN- 01, 4 MBPS -01	01	EMDC - 01	01 - Sr 01 - Jr	--	--	--
Added	--	01	20 MBPS Fibre-01	01	--	--	--	--	--
Total	625	19	03	02	01	02	--	--	--

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

1) 40 MBPS VPN , 2) 20 MBPS Fibre , 3) 04 MBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
EMDC	https://www.kcesmjcollege.in/Lectures.aspx
Video Lectures Developed and uploaded on youtube	<ul style="list-style-type: none"> • https://www.youtube.com/watch?v=ikaj1rhJL5s&list=PLZ4wB_hH6CXH9pUaPpZ8j8xAW3799516S • https://www.youtube.com/watch?v=ZfC1J5v7LhM&index=2&list=PLZ4wB_hH6CXH9pUaPpZ8j8xAW3799516S • https://www.youtube.com/watch?v=PCudX4ENDtc&list=PLZ4wB_hH6CXH9pUaPpZ8j8xAW3799516S&index=3 • https://www.youtube.com/watch?v=10UKHgWleGY • https://www.youtube.com/watch?v=q8eU4d99VV8&t=18s • https://www.youtube.com/watch?v=QZZTYw6LprE • https://www.youtube.com/watch?v=gyHmrvVB6-8 • https://www.youtube.com/watch?v=61peBVa_CU4&t=2s

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Nil	Nil	Nil	Nil

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities (Rs.)	Expenditure incurred on maintenance of academic facilities (Rs.)	Assigned budget on physical facilities (Rs.)	Expenditure incurred on maintenance of physical facilities (Rs.)
5,00,000	14,19,952	7,00,000	4,23,000

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Information is made available in institutional Website

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Nil	Nil	Nil
Financial support from other sources			
a) National		1845	12421539
b) International		Nil	Nil

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Chemistry talent search examination	07-01-2018	205	Dept. of Chemistry, M.J . College
Power point presentation in chemistry	10-02-2018	19	Dept. of Chemistry, M.J . College
Advanced instrument training programme	23-01-2018	96	Dept. of Chemistry, M.J . College
Career Counselling	2017-18	250	Internal College Activity
Cyber Security Poster Competition (activities to promote digital culture among students.	2017-18	40	Internal College Activity
Budding Researchers' Scheme	2017-18	22	Internal College Activity
"Investor Awareness" program	19-12-2017	72	Internal College Activity
Digital Payment Awareness Drive	9-01-2018	240	Internal College Activity
GST Awareness Workshop	24-01-2018	212	Internal College Activity
Remedial coaching	Sept.2017	20	Dept. Of Eco.
Language Lab	2006	50	Dept of English, M. J. College, Jalgaon
Remedial Coaching	2017	30	Dept of English, M. J. College, Jalgaon

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	Career Counselling Seminar	--	250	--	--
2017	Competitive Exam. Economics	80	----	02	02
2017-18	NET/SET Coaching English	20		03	03

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
2	2	2 days

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
EACME Sujan Chemicals Jalgaon	40	10 (shortlisted)	--	--	--
Future Group Big Bazaar	46	9	Santronix Pvt. Ltd	08	01
Chhabi Electricals	12	1	WIPRO Ltd	05	02
WNC Ltd.	36	08			

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	75	B.Sc	B.Sc Chemistry	K.B.C. N.M.U, Jalgaon S.B.F.Puna University,	M.Sc./MBA
2017-18	16/20	B.Sc	BSc. Mathematics	M. J. College, Jalgaon MIT KBC NMU, Jalgaon P G College, Jalgaon R C Patel, Shirpur Pratap College, Amalner G H Rasoni Institute of Eng.& Mgt. Nashik	M.Sc./MBA
2017-18	20	B.Sc	BSc. Statistics	NMU, Jalgaon MIT, Pune Modern College, Pune Pune University	Msc. Math
2017-18	36	B.Sc	BSc. Microbiology	NMU, Jalgaon	MSc. Microbiology
2017-18	6	B.Sc	Botany	M. J. College, Jalgaon And KBCNMU, Jalgaon	M. Sc. Botany Env. Science
2017-18	50	BA	Economics	M.J.College, Jalgaon	MA
2017-18	02	B.Sc	Environment Science	School of Environment & Earth Science	M. Sc. (Env. Science)
2017-18	42	BA Political Science	M.J. College, Jalgaon	M.J. College, Jalgaon	MA Political Science

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	3	36906, 46001253
NET yogi sci	3	6003206, 46003258, 46003358
SET	3	141764,140330,140340
SLET	--	--
GATE	--	--
GMAT	--	--
CAT	--	--
GRE	--	--
TOFEL	--	--
Civil Services	--	--
State Government Services	--	--
Any Other	--	--

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
7 th Entrepreneurs Day	University Level Competition at Institute of Management and research, Jalgaon	08
Pinnacle 2017	State Level IT Event at G.H. Rasoni Institute of Management and Research, Jalgaon	07
MAESTRO 2017	National Level Commerce Competition at M.J. College, Jalgaon	90
Avishkar 2017	District & University Level Avishkar	30
Late Bhaskar Sabnis Quiz Competition	University Level Competition was organised on 2 nd January 2018	04
Late Motilalji Maganlchandaji Agrawal 14th Inter College Commerce Quiz Competition	University Level Event organised by B.P. Arts, S. M. A. Science College, Chalisgaon dated 24th January 2018.	03
National level Competition Soft-Ball Competition	National level Competition Soft-Ball Competition organised by Soft-Ball Association of India ,Indore which was held at Kolkata during the 26-30 December 2017.	01
Yoga Competition	Intercollegiate Competition	12
Yoga Competition	Divisional Competition	12

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	Gold	National	Softball	--	5471159471 05	Sumedh Pradip Talvelkar
2017-18	Gold	National	Taekwon do	--	--	Vishakha Sapakale
2017-18	Bronze	National	Floarball	--	3471453983 71	Pranav S. Belorkar
2017-18	Bronze	National	Floarball	--	--	Mayur Patil
2017-18	Bronze	National	Floarball	--	--	Prasad Rajhans

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution.

Student council is constituted as per the provision of University Act, which include topper students of each class from every program. They were selected as class representatives (CR) taking previous year result into consideration. In addition to this two girl students are selected as ladies representative on the basis of their good academic record, participation in various activities and recommendation by teachers. One student from every unit NCC, NSS, Sports and Cultural is recommended by respective officers on the basis of their performance. University representative (UR) is selected from the above student council members by election. In the academic year 2017-18 student council consists 32-CR, 2- LR, 4 representatives (one from each NSS, NCC, Sports and Cultural units). Members of student council are involved in various academic and administrative committees (Debate committee, elocution committee, quiz committee, women welfare committee, student redressal committee, blood donation committee, cultural program committee, etc) formed by college authority .

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details YES

The college has registered the alumni association in the name of 'Mooljian Alumni Association, Jalgaon' (registration no. Jalgaon 0000025/2017 dated 6.9.2017). The alumni association have organized various activities like guest lectures by prominent alumni, alumni meets etc. The alumni extended their help in employment of the students and support in the various projects and activities. Online Alumni Section is available on the college website.

5.3.2 No. of ~~registered~~ enrolled Alumni: Nil

5.3.3 Alumni contribution during the year (in Rupees) : Rs. 39,40,000/-

5.3.4 Meetings/activities organized by Alumni Association

In the year guest lecture of one of the alumni Mr. Pradeep Nahide was organized on the topic opportunities of higher education abroad

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year Institutional Vision

To be a pre-eminent educational institution that prepares students from diverse backgrounds for productive careers by providing them with a student-centred, practically focused quality-learning experience.

The college has practices of decentralization and participative management during the last year by following way

- The administrative setup was divided into various sections and separate directors for each section were appointed such as academic director, finance director, research director. It has helped in stress over administration leading effective implementation of management decisions.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial: YES

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following Curriculum Development

The college has a well pronounced goal of internationalization of the curriculum that will yield exciting opportunities for research and instruction. Keeping this goal in view, the college has introduced several career oriented programmes in emerging fields. College is going for autonomous status which will help to introduce contemporary curriculum benchmarked against the best Universities.

Teaching and Learning

Teaching faculties have been motivated for extensive use of ICT in the teaching-learning process. For this smart classrooms have been developed. Teaching faculties use to record their lectures which are uploaded on the college websites for students. Having recognized the importance of ICT tools and techniques in the process of effective teaching- learning, the institution has drawn a strategic plan:

- To build, expand and update ICT infrastructure on the campus.
- To train the faculty members for making them ICT enabled.
- To motivate teachers to use modern teaching aids based on ICT and day by day enhanced the proportion of ICT based teaching.
- To motivate the students to use ICT infrastructure and tools for effective learning experiences.

Examination and Evaluation

Each year, the college constitutes a special examination committee to ensure effective implementation of all activities related to internal and external examinations and assessments. Internal theory exams of all faculties and classes are conducted at a time and as strict as university exams. Time table of the theory examination, room allotment, supervision schedule and result submission schedule is displayed and strictly followed. University first year theory courses evaluation is at college level. College has developed a software programme for better and proper distribution of answer books to the examiners and to track it properly.

Research and Development

- Established state-of-the-art research laboratories to strengthen research capabilities
- Centralized facility, with advanced and sophisticated instruments, has been established.
- ICT facilities strengthened by procuring advanced software and hardware.
- National conferences organized annually for enhancement of research culture in Arts, Science and Commerce streams.
- Introduced Research Promotion Scheme for students to promote research attitude.

Library, ICT and Physical Infrastructure / Instrumentation

- The institution has the practice of wide use of ICT based environment at the academic and the administrative levels
- SOUL 2.0 software is used in most of the activities of the library.
- The college is also a subscriber of N-LIST facility of INFLIBNET through which about e-journals and e-books are made available.
- The college library provides Web-OPAC based book searching.
- ICT facilities strengthened by procuring advanced software and hardware.
- To keep pace with multidimensional growth of the college, the infrastructure has been augmented in a phased manner

Human Resource Management

- The management firmly believes in participative decision-making and functioning. Conscious efforts have been taken by the management for the involvement of all elements of the system in institutional process.
- Number of committees are formed every year for various functions and activities of the college. The members in various committees are rotated every year so that the involvement of staff in various

activities increases. The active staff members are encouraged to play lead roles in various, functions / activities / events. Good blend of senior and junior staff members formed in the committees, with the objective of experience sharing and team building, helps in successful completion of task.

- The teaching and non teaching staff members are deputed to participate in various training programmes in order to upgrade themselves. The college conducts an induction programme for the new recruits.

Industry Interaction / Collaboration

- The college has initiated various collaborative activities with different academic / research institutions and industries, few linkages were established.
- The Management has established a multidisciplinary research wing of the college, “JalaSRI” – Watershed Surveillance Research Institute. Through this wing, a number of multidisciplinary research projects have been undertaken in collaboration with national/international agencies.
- Some departments have the practice of interacting with the related industries. Central Instrumentation Lab of the College is referred to and used by some of the local industries

Admission of Students

- Admissions to the various programmes are made on the basis of merit. For select postgraduate programmes in the faculty of Science, centralized admission process of the university is followed.
- During the admission process, the faculty and experts provide help, support and advice to the students regarding various programme options available to them

6.2.2: Implementation of e-governance in areas of operations:

• Planning and Development

In-house development of On-line software viz., mjbhushan.com by the team from M. J. College

• Administration

- In-house development of On-line software viz., mjbhushan.com by the team from M. J. College
- Techno-tux solutions user-management software for internet cafe at the Ladies hostel and DLRAC, Library.
- First-spot user-management software for the internet connectivity purchased from Techno-tux solutions
- SOUL for Library, INFLIBNET Gandhinagar Gujrath

• Finance and Accounts

- In-house development of On-line software viz., mjbhushan.com by the team from M. J. College
- In a process of implementation of ERP system and Tally

• Student Admission and Support

- Moodle LMS (Open source software)
- In-house development of On-line software viz., mjbhushan.com by the team from M. J. College

• Examination

- An interface developed by the M.K.C.L. through NMU.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017-18	Mr. Y. B. More	National conferences on Innovation in Chemistry-Laboratory to Society. 5 th - 6 th March 2018 at School of Chemical Sciences,		500
2017-18	Mr. Y. B. More	Achieving Excellence at under Graduate level through Interdisciplinary Approach on 11 th January, 2018 at Birla college, Kalyan		900
2017-18	Mrs. J. U. Shinde	International conferences on Innovation in Biological and Chemical Science. 21 th - 22 th December 2017 at DN Mahavidyalaya, Faizpur.		1200
2017-18	Mrs. J. U. Shinde	National conferences on Innovation in Chemistry-Laboratory to Society. 5 th - 6 th March 2018 at School of Chemical Sciences,		1000
2017-18	Mrs. J. D. Bhirud	International conferences on Innovation in Biological and Chemical Science. 21 th - 22 th December 2017 at DN Mahavidyalaya, Faizpur.		1000
2017-18	Mrs. J. D. Bhirud	National conferences on Innovation in Chemistry-Laboratory to Society. 5 th - 6 th March 2018 at School of Chemical Sciences,		500
2017-18	Mrs. D.C. Chaudhari	International conferences on Innovation in Biological and Chemical Science. 21 th - 22 th December 2017 at DN Mahavidyalaya, Faizpur.		1200
2017-18	Mrs. D.C. Chaudhari	National conferences on Innovation in Chemistry-Laboratory to Society. 5 th - 6 th March 2018 at School of Chemical Sciences,		1000
2017-18	Mr. P. D. Baviskar	Recent Advances in Chemical and Biological Sciences for Sustainable Development - at ZB Patil College 3 rd Feb. 2018 Dhule.		500
2017-18	Mr. P. D. Baviskar	International conferences on Innovation in Biological and Chemical Science. 21 th - 22 th December 2017 at DN Mahavidyalaya, Faizpur.		1000
2017-18	Mr. P. D. Baviskar	National conferences on Innovation in Chemistry-Laboratory to Society. 5 th - 6 th March 2018 at School of Chemical Sciences		500
2017-18	Miss .T. R. Patil.	Attended at National conference on "Changing Paradigms in chemical scienceduring 22 th - 23 th December 2017 at P.O.Nahata College, Bhusawal.		700
2017-18	Miss .T. R. Patil.	"Recent Advances in Chemical and Biological Sciences for Sustainable Development - 2018 ZB Patil College 3 rd Feb. 2018 Dhule.		700
2017-18	Miss .T. R. Patil.	Attended at National conference on "Changing Paradigms in chemical science 22 th - 23 th December 2017 at P.O.Nahata College, Bhusawal.		700
2017-18	Mr. Rathod M.P.	Recent Trends in Life sciences and Environmental Studies H.J.Thim College, Jalgaon		1000
2017-18	Mr. Rathod M.P.	National Conference on Advances in Environmental Sciences And Geospatial Tech.		1000
2017-18	Mr. Rathod M.P.	F.Y.B.Sc Zoology Workshop, Dept of Zoology		300

		M.M. College Pachora		
2017-18	Dr. M. Z. Chopda	T.Y.B.Sc. Syllabus workshop Dept. of Zoology, ASC College, Pimpalner		1560
2017-18	Dr. M. Z. Chopda	M.Sc. I Syllabus framing Workshop Dept of Zoology, DN College, Faizpur		457
2017-18	Dr. M. Z. Chopda	Training Workshop on “Skills and Techniques of Taxidermy” Zoological Survey of India, Kolkata		7044
2017-18	Dr. M. Z. Chopda	One day National Conference on “Recent Trends in Life sciences and Environmental Studies” Iqura Education Society’s, H. J. Thim College, Jalgaon		1000
2017-18	Dr. M. Z. Chopda	Multidisciplinary National Conference on “Business Opportunity for the Tribals of India” ASC College, Pimpalner		800
2017-18	Dr. M. Z. Chopda	State Level Conference on “Role of Biological Sciences in Sustainable Life” Nutan Maratha College, Jalgaon		300
	Dr. Nutan D. Rathod	National Conference of Recent Trends in Life Science and Environmental Studies, On 10 February 2018 at H. J. Thim College, Jalgaon.		500
2017-18	Dr. Nutan D. Rathod	National Conference on Advances in Environmental Sciences and Geospatial Technology On 15-16 Feb 2018, at School of Environment and Earth Sciences NMU Jalgaon		1000
2017-18	Dr. Nutan D. Rathod	State level Conference on Role of Biological Sciences in Sustainable Life, 30th Jan 2018, at Nutan Maratha College, Jalgaon.		300
2017-18	Dr. Mrs. N. G. Mahajan	T.Y.B.Sc. Practical Syllabus workshop Dept. of Zoology, ASC College, Pimpalner		520
2017-18	Dr. Mrs. N. G. Mahajan	One day National Conference on “Post Graduate Department of Zoology, ASC College, Sangamner, Dist. Ahamadnagar, Maharashtra		2000
2017-18	Dr. Mrs. N. G. Mahajan	A personal and Team Development Programme for Health Care Practitioners The Janaki Foundation for global healthcare Brahmakumaris, Mount Abu.		1856
2017-18	Dr. Mrs. N. G. Mahajan	State Level Conference on “Role of Biological Sciences in Sustainable Life” Nutan Maratha College, Jalgaon		300
2017-18	Dr. Mrs. B. D. Talele	M.Sc. I Syllabus framing Workshop Dept of Zoology, Faizpur		456
2017-18	Dr. Mrs. B. D. Talele	International Symposium on Teaching, research and innovative approaches in life sciences. PG Department of Zoology, ASC College, Sangamner, Dist.Ahmednagar,Maharashtra		2000
2017-18	Dr. Mrs. B. D. Talele	F.Y.B.Sc Zoology, Dept of Zoology M.M. College Pachora		300
2017-18	Mr. N. R. Maheshwari	Recent Trends in Life sciences and Env. Studies H. J.Thim College Jalgaon		800
2017-18	Mrs. Y. Y. Falak	Recent Trends in Life sciences and Env. Studies”H. J. Thim College, Jalgaon		800
2017-18	Mrs. Y. Y. Falak	Workshop on healthcare YCMU, Nasik.		1650
	Dr. N.S.Borse	Marathi Arthasahtra Parishad		1300
2017-18	D.R.Vasave	Marathi Arthasahtra Parishad		1300
2017-18	D.R.Vasave	Relevance of Dr. Babasaheb Ambedkar thoughts		800

		in contemporary era		
2017-18	D.R.Vasave	Tribal Communities and Socio- Political Thoughts		2000
2017-18	Mr. Yogesh Mahale	National Seminar : Marathi Sahitya Navin Pravrutti & Pravah M J College		600
2017-18	Dr. C.P. Labhane	International Conference on Physical education, fitness and sports science		3000
2017-18	Dr. C.P. Labhane	5 th National and 32 nd State Level Annual Conference on Psychotherapies and Health		1200
2017-18	Dr. Balaji Raut	5 th National and 32 nd State Level Annual Conference on Psychotherapies and Health		900
2017-18	Mrs. A. V. Gore	National Conference Yoga & Research, Nashik	-	1500
2017-18	Mrs. A. V. Gore	International Conference, Deccan College, Pune	-	3000
2017-18	Mr. D. S. Sonar	National Conference Yoga & Research, Nashik	-	1500
2017-18	Mr. D. S. Sonar	International Conference, Deccan College, Pune	-	1500
2017-18	Mr. D. S. Sonar	4 th International Yoga Conference, Haridwar	-	4390
2017-18	Mr. P. P. Khajbage	National Conference Yoga & Research, Nashik	-	1500
2017-18	Mr. P. P. Khajbage	International Conference, Deccan College, Pune	-	1500
2017-18	Mr. P. P. Khajbage	4 th International Yoga Conference, Haridwar	-	4390
2017-18	Mr. J. D. Wagh	National Conference Yoga & Research, Nashik	-	1500
2017-18	Mr. J. D. Wagh	International Conference, Deccan College, Pune)	-	1500

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-18	FDP	'Cyber Security'	27-28 July 2017	25	

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration
Refresher Course	04	11/06/18 to 2/07/2018 25/09/18 to 15/10/18 1/12/17 to 21/12/17 11/06/18 to 01/07/18

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
Nil	111	Nil	77

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> Shikshak seva prathishtan, Credit society
Non teaching	<ul style="list-style-type: none"> Credit society Advance for festival
Students	<ul style="list-style-type: none"> Bus pass yojna, earn and learn scheme

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

The college practices professional ethics by maintaining transparency in its core and auxiliary functions. The college recruits faculty by maintaining corporate standards, manages academics and administration with preplanned internal and external audits, safeguarding of all assets and documents. College has shifted all financial functions through Tally software to promote more transparency.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Nil	Nil	Nil

6.4.2 Total corpus fund generated

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	DNV - ISO	Yes	College ISO committee
Administrative	Yes	DNV – ISO	Yes	College ISO committee

6.5.2 Activities and support from the Parent – Teacher Association

- Parent teacher meet was conducted by the college to enhance the communication amongst the teacher-parent and college as total

6.5.3 Development programmes for support staff (at least three) Nil

6.5.4 Post Accreditation initiative(s) (mention at least three)

6.5.5	a. Submission of Data for AISHE portal	: (Yes /No)	Yes
	b. Participation in NIRF	: (Yes /No)	No
	c. ISO Certification	: (Yes /No)	Yes
	d. NBA or any other quality audit	: (Yes /No)	Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration	Number of participants
2017	Initiated NAAC Accreditation process	12-13 April 2018	3.7.2018-2.7.2023	College
2018	Initiated Recertification of ISO	17 Sept. 2018	17.9.2018-16.9.2021	College

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
“समभाव” film festival on gender equality and human sensibility	11-12/12/2017	72	57

**7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources
22.9%**

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	5
Provision for lift	Yes	5
Ramp/ Rails	Yes	5
Braille Software/facilities	Yes	13
Rest Rooms	Yes	5
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	2
Any other similar facility	Nil	--

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
Nil	Nil	Nil	Nil	Nil	Nil	Nil

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Nil	Nil	The code of conducts for various stakeholders was followed as per statues given in the university and government.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Under annual activity "Visit to Writer", students met Mr. Sudhir Okhade and had talk on various issues related to humanity .	18/09/2017	40
District level essay completion on topics like मेरे सपनो का भारत, सोशल मीडिया और युवा पिढी, विश्व पटल	14/09/2017	110 (14 colleges 110 participants)
Guest lecture- प्रा. श्याम मानव (संस्थापक अखिल भारतीय अंधश्रद्धा निर्मूलन समिती) विषय - अंधश्रद्धा व वैज्ञानिक दृष्टिकोन	08/09/2017	151
Survey- अंधश्रद्धा आणि आजचा तरुण	08/09/2017	151
World Ozone day- poster cpmpetition	16/09/2018	70
New voter registration program under the guidance of Mr. Jalad Sharma (IAS, Jalgaon) and Mr. Amol Nikam (Tahasidar)	08/07/2017	85

World Wild-life week- Documentary “Truth of Tiger”	2-8/10/2017	38
World Wild-life week- guest lecture on “Man and environment”	2-8/10/2017	35
Guest lecture- “Role of youth in Nation security in 21 st century” by Major Shruti Patil (Indian Army, Leh Division)	02/01/2018	100
Guest lecture- “ Indian foreign policy- challenges and opportunities” by Dr. Shrikant Paranjape (Prof. at Pune university)	27/02/2018	18
Guest lecture- Challenges to the National Security of India	28/02/2018	21
Plastic free college	16/09/2017	
On the occasion of Gandhi Jayanti- Exam on-महात्मा गांधी विचार संस्कार परीक्षा	02/10/2017	80
Cleanliness expedition at Railway station, Jalgaon	01/08/2017	160
Cleanliness expedition rally	10/08/2017	160
Workshop on biodiversity	3-5/11/2017	57

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Installed solar street light in the campus
- Use solar water heaters in the hostel campus
- Prepared vermicompost from the tree foliage
- Installed unit of biogas production from canteen waste
- Replaced additional tube lights with LED lamps

7.2 Best Practices

Two institutional best practices successfully implemented by institution are as follows

The college has a number of best practices which have contributed to the achievement of the institutional objectives and/or contributed to the quality improvement of the core activities of the college. Even though these activities are not mandated by any authority, they are internally evolved and used during the last eight years leading to positive impact on the regular functioning of the institution.

Two amongst them are mentioned below:

BEST PRACTICE: 01

- **Title:** Compliance to ISO 9001:2008 standards to improve overall functional efficiency of the college.
- **Goal:** The goal of this activity is to establish, document, implement and maintain a quality management system for teaching, learning, evaluation, allied processes and continually improve their effectiveness in accordance with the requirements of standard.
- **Context:** Periodical audits of various processes as per standards ensures that they meet the needs of teaching and learning requirement of students and other stakeholders while meeting statutory and regulatory requirements of various bodies. The Quality Management System (QMS) is documented with a view to make various aspects understandable clearly and completely by all the concerned.

Practice

- **Planning:** All documents are controlled as per the procedure concerning control of documents and the audit schedule is planned yearly in advance.
- **Audit:**
- The audit is conducted at two levels: by internal and external auditors, through reviewing records, talking to employees, analyzing key process data or even observing the process in action. The focus of this activity is to verify evidences that the processes are functioning as planned in the QMS, and are effective in producing the desired results. This enables the concerned process owner

(auditee) to not only identify areas that do not have evidence that they are functioning properly, but also to point out areas of a process that may function better if changes are made.

- Compulsory internal audit is conducted for all the departments with the help of around 30 internal auditors comprising of senior faculty members. An annual external audit is conducted by an external agency based on random selection of departments and processes.
- The audit includes various processes such as teaching-learning, purchase, syllabus designing and development, learning resource procurement and distribution, training, placement, maintenance etc. It includes departments such as faculty departments on random basis, library, hostel, office, NSS/NCC, store, sports, principal office etc.
- **Reporting:** A closing meeting with the faculty members is conducted to ensure that the flow of information and feedback is not delayed. The observations, opportunity to improve, minor non-conformities are communicated to all respective heads of the departments. The college authorities get an idea regarding areas of weakness that need to be addressed and improved. It is followed by a written record as soon as possible to provide the information in a more concrete format to enable follow-up of the information and remedial action, by identifying not only the non-conforming areas of the process, but also the positive areas and potential areas for improvement.
- **Follow-up:** Follow-up actions are taken by concerned auditee and closely monitored by the college authorities, making sure that the problem is actually fixed. This helps in continual quality improvement.
- **Evidence of Success**

Periodical audits have been successfully implemented since year 2010. The college has been recertified twice during the last 6 years. The implementation of the ISO standard has served as an efficient management process tool for the college. It has set out areas of responsibility across the organization and communicated a positive message to teaching and administration. It has identified and encouraged more efficient and time saving processes along with highlighting the deficiencies. The areas of improvement which are optimized the functioning of the college includes documentation, smooth functioning of office administration and better comprehension of individual responsibilities. The department has set and updated quality objectives; the activities of teaching plan are synchronized with actual teaching; library process are updated; teaching process are validated by students feedback; safety issues in the laboratory has been addressed effectively.
- **Problems encountered and resources required**

Initially, faculty has complained about time and paperwork required for audit process. It has also increased bureaucratic processes and raised the issue of trained human resources. Adequate training sessions have motivated the staff to adopt themselves to the new standards and subsequent audits are being carried out without any hitch.

BEST PRACTICE: 02

- **Title:** Research Promotion Scheme for Budding Researchers
- **Goal:** The goal of this practice is to acquaint the students of undergraduate and postgraduate courses with the fundamentals of research and to inculcate research methods, ethics, and culture by motivating them to undertake small research projects under the supervision of their respective teachers. The aim of the practice is to develop research aptitude and nurture small ideas into meaningful research. The goal is to identify, cultivate and unleash the innate potential of the student.
- **Context:** It has been observed over the years that Indian higher education has detached itself from research. As a result, there has been decline in interest and motivation in research. Research must be as integral part of curricula to assist in securing better employment opportunities. Through various schemes are floated by the government funding agencies for teachers to undertake research

projects, with a few exceptions like DST-Inspire fellowship, there are no schemes to motivate the UG students to opt for research while continuing their regular education. It is a dire necessity to connect students to research so that they will be given opportunities to explore their research potential, innovative and independent thinking while they are completing their formal education.

- **Practice**

- The Budding research scheme is floated in the beginning of an academic year for the students of second and third year under-graduation and first year post-graduation of all the three faculties by means of notices and motivational meetings with students. Preference is given to advanced learners.
- The students with research interest are identified and guided to prepare detailed research proposals in a prescribed format. Students work groups are formed consisting of two or three students per group for UG/PG.
- The innovation and feasibility of research proposal is scrutinized by respective teachers.
- The decision of sanction, reworking, or rejection of proposal is conveyed to the students.
- The research projects are undertaken by interested students under the supervision of respective teachers. The students are given a period of 90 days to complete their projects.
- Students are provided with one time financial research assistance to meet the expenses of the research projects.
- After completion of the project, the students are asked to make presentations which is evaluated by external experts from respective faculty.
- The best performers are felicitated by giving cash prizes and certificates.
- The research papers based on their projects are published annually in a separate e-volume titled “Compendium of Research Articles by Budding Researchers” with an ISSN and are uploaded on the college library portal.

- **Evidence of Success**

In the year 2017-18, around 70 students of Arts, Commerce & Science faculty from 10 departments completed 24 research projects under the guidance of 17 supervisors. The students from all the faculty are participating in the scheme which amply demonstrates the success of this scheme. So far the college has published 7 volumes of the proceedings and the work of 8th is under progress. Noteworthy interdisciplinary research projects include those carried out by the students of Microbiology and Computer Science, Botany and Chemistry, Chemistry and Geography, Physics and Microbiology, etc. After taking over the responsibility of funding of this scheme by the college, the college has extended the scheme to other faculties as well, encompassing interdisciplinary research. It has motivated the faculty to continue further the research and publish the research papers on the outcome. The scheme has inculcated the research aptitude amongst the students.

- **Problems encountered and resources required**

There were two significant hurdles in successful implementation of the scheme. The first hurdle was non availability of funds required to meet the expenses of the research projects. Initially UGC provided financial assistance under CPE, and later this scheme was partially funded by DBT under Star College Scheme. Since 2015-16, the college has been making provision for continuation of the scheme from its own corpus. The second hurdle is lack of interest among students. Paucity of time due to semester pattern of examination is another great hurdle. However, the college has successfully overcome these hurdles with rigorous, persistent, and patient efforts in this regard.

7.3 Institutional Distinctiveness

Moolji Jaitha College is recognized for its meritorious students and efforts towards continual improvements with regard to its core vision of student-centered, practically focused quality-learning experience.

College being a pre-eminent educational institution prepared to meet the challenges of a rapidly changing tech-savvy world, the primary focus of the institute is excellence in core mission activities of teaching. Institution maintains its distinctiveness by blending technology with classroom teaching. College has upgraded the teaching learning process through installation of eleven ICT smart classrooms. 48-LCDs, several computers and laptops are made available to all departments for such technology integration. Infrastructure required to operate and support technology integration is continuously upgraded at each level such as basic level electricity, Internet service providers, routers, modems, and personnel to maintain the network. The college has 39 Wi-Fi access points, 20 MBPS VPN-LAN, around 200 computers dedicated for teaching and learning. Around 2200 users receive access to internet through such Wi-Fi and wired network. To make the teaching-learning process more effective, the college has made efforts to introduce 'Moodle' a Learning Management System. It helps teachers to create effective online learning environment. The college has setup an augmented facility for recording audio-video lectures of the faculty members and other subject experts through its "Educational Media Development Center". These lectures are uploaded as part of its e-udbodhan project. SMS alert system for conveying the academic and administrative notices is being introduced from this academic year. To tap the efficacy of technology-based teaching particularly for the visually challenged the college has made necessary ICT based provisions in the Dreamy Eyes Center.

The college has upgraded the laboratory facilities with advanced instrumentation and infrastructure. The college has procured advanced instruments in science laboratories viz. FTIR spectrophotometer, High Performance Liquid Chromatography, Thermo cycler- PCR, Gas Chromatograph, Atomic Absorption Spectrophotometer, UV-Vis spectrophotometer, etc. Specialized laboratories have been setup by college authorities such as plant and animal tissue culture, animal house, green house etc. The separate laboratories for research have been established for commerce in addition to various science research laboratories.

The availability of specialized modern infrastructure has strengthened the research aspects along with quality-learning experience, which is the vision of the college. Moreover, vocational program have been introduced aside conventional courses to impart required skill sets and improve employability. All these efforts have enabled the institution to register excellence in performance leading to the coveted status of 'College of Excellence' by the UGC in the year 2014-15. Every year meritorious students have achieved new heights of success and in 2015-16, sixty students from various disciplines have secured ranks in university which is 29% greater as compared to average number since last four years and much superior to other leading colleges of the region. The efforts are also on to strengthen the research aptitudes amongst the faculty and students. It resulted in receiving 45 research projects and a good number of publications in journals of national and international repute. In turn it has also supported quality-learning experience of the students.

8. Future Plans of action for next academic year

- The college is planning to promote research culture through organization of national conference, research methodology workshops such as statistical analysis, IPR, research publication etc. and establishing research incubation centre.
- To strengthen academic and administrative setup such as opting autonomy, implement ERP system is planned
- Planning is also to revise the existing feedback system for teachers and up gradation of syllabus
- The plan is to initiate additional certificate, degree and B. Voc programs in the college to enhance the skill of the students.

- College planned to strengthen the academia – industry relations and implement the Entrepreneurship development program in association with District Industry Centre
- The plan is also to continue tradition of academic excellence through academic audit conducted by university and get recertification of ISO system.

Name: **Dr. K. P. Narkhede**
Signature of the Coordinator, IQAC

Name : **Dr. U. D. Kulkarnai**
Signature of the Chairperson, IQAC

