

**The Annual Quality Assurance Report (AQAR) 2016-2017 of the IQAC**  
**(For Universities)**

**Part – A**

**Data of the Institution**

**1. Name of the Institution:** University of Mumbai

- Name of the Head of the institution : Dr. Sanjay Deshmukh
- Designation: Vice-Chancellor
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no: +91 22 - 022-22656789/ 22650403
- Mobile no. : 9820095085
- Registered Email: vice-chancellor@mu.ac.in
- Alternate Email : vc@fort.mu.ac.in
- Address : M.G. Road, Fort
- City/Town : Mumbai
- State/UT : Maharashtra
- Pin Code : 400032

**2. Institutional status:**

- University: State/Central/Deemed/Private: State  
(Tick appropriate)
- Type of Institution: Co-education/Men/Women : Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Centrally funded/state funded/Private : State Funded  
(please specify)
- Name of the IQAC Co-ordinator/Director: Dr. Neeraj Hatekar
- Phone no. /Alternate phone no. : +91 22 - 26543138/26526942
- Mobile: 8356056105
- IQAC e-mail address: iqacmum@gmail.com

- Alternate Email address: neeraj.hatekar@gmail.com

3. Website address: [www.mu.ac.in](http://www.mu.ac.in)

Web-link of the AQAR: (Previous Academic Year):

(a) AQAR (2012-13)

<http://mu.ac.in/portal/wp-content/uploads/2018/12/AQAR-12-13-UoM.pdf>

(b) AQAR (2013-14)

<http://mu.ac.in/portal/wp-content/uploads/2018/12/AQAR-13-14-UoM.pdf>

(c) AQAR (2014-15)

<http://mu.ac.in/portal/wp-content/uploads/2018/12/AQAR-2014-15-UoM.pdf>

(d) AQAR (2015-16)

<http://mu.ac.in/portal/wp-content/uploads/2018/12/AQAR-2015-16-UoM.pdf>

4. Whether Academic Calendar prepared during the year? No

Yes/No, if yes, whether it is uploaded in the Institutional website: No

Weblink: NA

#### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	5 Star	75%	2001	from:2001 to: 2006
2 <sup>nd</sup>	A	3.05	2012	from: 2012 to: 2017
3 <sup>rd</sup>				from: to:
4 <sup>th</sup>				from: to:
5 <sup>th</sup>				from: to:

Weblink: <http://archive.mu.ac.in/naaccerti.pdf>

6. Date of Establishment of IQAC: 2008

#### 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
National Science Day	28/2/2017	150
Workshop on CBCS Syllabus of M.Sc. Biotechnology	20/01/2017	40
Face2face-with-Entrepreneurs	06/08/2016	50
Elsevier Author workshop	29/09/2016	Not Applicable

Opportunities for Higher Education in Taiwan for Mumbai University Students by A delegation of academics and officials from 11 Taiwanese Universities	26/09/2016	Not Applicable
Scopus User Workshop	06/10/2016	Not Applicable
Researchers Meet National Level	05/01/2017 to 06/01/2017	42
Workshop on referencing	23/03/2017	Not Applicable
Short course under GIANB on South Asian Englishes: Current Research Directions	18/12/2016	30
One Day Workshop on Incorporating ICT in ELT Classroom	16/09/2016	25
Interdisciplinary Ph.D. Research Colloquium for Humanities	16/07/2016	96
M.A. / PH.D. Research Colloquium	17/09/2016	27
MA./Ph.D Research Colloquium	19/11/2016	20
M.A./Ph.D Research Colloquium	19/12/2016	20
M.A./Ph.D Research Colloquium	18/02/2017	20
M.A./Ph.D Research Colloquium	20/04/2017	16
M.A./Ph.D. Research Colloquium	07/01/2017	25
M.A./Ph.D Research Colloquium	06/08/2016	28

**Note:** Some Quality Assurance initiatives of the institution are:

- Participation in NIRF
- Participation in QS World Rankings
- Participation in QS BRICS Rankings

**8.** Provide the list of Special Status conferred 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
Not Alloted	Not Alloted	Not Alloted	Not Alloted	Not Alloted

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

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

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

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

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



## Part-B

<b>CRITERION I – CURRICULAR ASPECTS</b>		
<b>1.1 Curriculum Design and Development</b>		
1.1.1 Programmes for which syllabus revision was carried out during the Academic year		
Name of programme	Programme Code	Dates of revision
Bachelor of Management Studies	4.80/2016	24/06/2016
Master in Management Studies (MMS) at Alkesh Dinesh Mody Institute	4.91/2016	14/07/2016
Master of Social Work	4.6/2016	23/05/2016
M.A. In Arabic	4.2/2016	24/06/2016
MSc in Biophysics	4.33/2016	24/06/2016
M.Sc. in Biotechnology (Sem III & IV)	4.236/2017	11/05/2017
M.Sc. In Chemistry (Sem I & 2 )	4.208/2017	11/05/2017
MA in Communication and Journalism	4.14/2016	24/06/2016
MA in Public Relations	4.13/2016	24/06/2016
MA in Electronic Media	4.10/2016	24/06/2016
Master in Television Studies	4.12/2016	24/06/2016
MA in Film Studies	4.11/2016	24/06/2016
M.Com (Sem I & II)	4.16/2016	24/06/2016
M.A. (Hons) in Politics (Sem I & II)	4.9/2016	24/06/2016
M.Sc. Computer Science (Sem- III & IV)	4.12/2016	23/05/2016
M.A. in Economics (Sem- III & IV)	4.83/2017	11/05/2017
M.Ed.	4.30/2017	11/05/2017
MA Honours In English (Sem I & II)	4.9/2016	23/05/2016
MA Honours With Research In English (Sem I & II)	4.9/2016	23/05/2016
M.A. in English	4.9/2016	23/05/2016
FYBA in French Studies	4.64/2018	14/06/2018
MA in French (Sem I & II)	4.6/2016	24/06/2016
MA in French (Sem III & IV)	4.7/2016	24/06/2016
MA/MSc in Geography	4.14/2016	27/05/2016
MA in German Studies	4.4/2016	23/05/2016

MA (Hons.) in German Studies	4.4/2016	23/05/2016
M.A. in Hindi (Sem I & II)	4.30/2016	24/06/2016
M A in History ( Sem I & II)	4.22/ 2016	24/06/2016
BSc in Information Technology	8.6/2016	23/05/2016
MA in Eurasian Studies	4.19/2016	24/06/2016
MA in Linguistics ( Sem III and Sem IV)	4.82/2017	11/05/2017
M.Sc in Life Sciences (Sem I and II)	4.46/2016	24/06/2016
M.Sc in Life Sciences (Sem III and IV)	4.47/2016	24/06/2016
MA in Marathi ( Sem I & II)	4.41/2016	24/06/2016
MA in Pali (Sem III & IV)	4.35/2017	11/05/2017
MA in Persian (Sem I & II)	4.1/2016	24/06/2016
M.Sc. Physics	4.237/2017	11/05/2017
M.A. in Psychology (Sem I & II)	4.24/2016	24/06/2016
M.A. in Russian (Sem I & II)	4.16/2016	07/12/2016
M.A. in Sanskrit (Sem I & Sem II)	4.8/2016	23/05/2016
M.A. in Sindhi	4.28/2016	24/06/2016
M.A. in Sociology (Sem I & II)	4.29/2016	24/06/2016
MA in Sociology (Hons.)	4.74/2017	11/05/2017
MA in Sociology	4.75/2017	11/05/2017
MA in Philosophy	4.25/2016	24/06/2016
M.A in Urdu (Sem I & II)	4.36/2016	24/06/2016
M.Phil in Urdu	4.37/2016	24/06/2016
Master of Library and Information Science	4.26/2016	24/06/2016
BMS-MBA Five Years Integrated Course	4.172/2017	11/05/2017
BBA-LLB (Hons.) Five Years Integrated Course	4.19/2016	30/09/2016
Masters in Management Sciences (MMS) at Jammalal Bajaj Institute of Management Studies	4.286/2017	11/05/2017

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Bachelor in Management Studies BMS, UBMSFS	01/06/2000	Bachelor in Management Studies BMS, UBMSFS	01/06/2000
Masters in Management Studies MMS	01/08/2002	Masters in Management Studies MMS	01/08/2002
Masters in Financial Service Management, MFSM	01/08/1998	Masters in Financial Service Management, MFSM	01/08/1998
M.A. Arabic, PAARA	24/06/2016	1. Translation , Arabic Grammar & Figure of Speech, PAARA 104	24/06/2016

		2. Translation , Arabic Grammar & Figure of Speech, PAARA 204,	24/06/2016
Certificate in Arabic CAR	14/07/2016	Certificate in Arabic CAR CAR	14/07/2016
Diploma in Arabic DAR	14/07/2016	Diploma in Arabic DAR	14/07/2016
Advance Diploma in Arabic ADAR	14/07/2016	ADAR	14/07/2016
M.Sc. in Biotechnology, PSBT	01/01/1997	1. Biochemical and Biophysical techniques, PSBT 104	01/06/2016
		2. Bioprocess technology, PSBT 203	01/06/2016
		3. IPR & Biosafety, PSBT 204	01/06/2016
M.Sc. in Computer Science, PSCS	17/10/2016	1. Analysis of Algorithms & Researching Comp, PSCS101	17/10/2016
		2. Robotics & Artificial Intelligence PSCS104	17/10/2016
		3. Cyber & Information Security, PSCS2032	17/10/2016
Diploma in Computational Science	21/06/2016	Diploma in Computational Science	21/06/2016
Diploma In Entrepreneurial Development	21/06/2016	Diploma In Entrepreneurial Development	21/06/2016
Post Graduate Diploma in Management of Education	01/06/2016	1. Theory and Functions of Management of Education	01/06/2016
		2. Organizational Behaviour	01/06/2016
		3. Institutional Plan	01/06/2016
Certificate course in Research Methodology (Department of Education)	15/04/2008	1. Research In Education	15/04/2008
		2. Data Analysis Techniques	15/04/2008
		3. Qualitative Research Methods	15/04/2008
Certificate course in Instructional Design	26/02/2015	1. Pedagogical Bases Of Instructional Design	26/02/2015
		2. Technological Bases Of Instructional Design	26/02/2015
Certificate course in Teacher Education for International Schools	26/02/2015	1. International Education.	26/02/2015
		2. Innovative Pedagogies In An International Context.	26/02/2015
		3. Technology In 21 <sup>st</sup> Century Classrooms	26/02/2015

Certificate Course in Functional Proficiency in English	23/06/2014	Certificate Course in Functional Proficiency in English	23/06/2014
Certificate Course in Functional Proficiency in English	11/10/2014	Certificate Course in Professional Proficiency in English	11/10/2014
English Language Teaching	15/06/2016	English Language Teaching	15/06/2016
Diploma Course In French Translation	02/06/2014	Diploma Course In French Translation	02/06/2014
M.A./M.Sc Geography	27/05/2016	Tools & Techniques of Spatial Analysis- II	03/01/2016
M.A. & M.A. (Hons) in German, PAGER	06/06/2012	1. Translation Skills PAGER114 & 124	06/06/2012
		2. Research Methodology PAGER113 & 123	06/06/2012
		3. Film Studies PAGER214 & 224	06/06/2012
		4. Didactics PAGER313 & 323	06/06/2012
		5. Translation III PAGER315 & 325	06/06/2012
		6. Didactics PAGER412 & 422	06/06/2012
		7. Translation IV PAGER413 & 423	06/06/2012
TYBA in German Studies, UAGER	04/10/2010	1. Essay & Comm. Correspondence UAGER505 & 605	04/10/2010
		2. Translation Skills UAGER506 & 606	04/10/2010
Advanced Diploma in German GER03	01/01/1964	Advanced Diploma in German GER03	01/01/1964
Diploma in German GER02	01/01/1964	Diploma in German GER02	01/01/1964
Certificate in German GER01	01/01/1964	Certificate in German GER01	01/01/1964
Diploma in Business Japanese JAP05	29/09/2009	Diploma in Business Japanese JAP05	29/09/2009
Advanced Diploma in Japanese I & II JAP03 & 04	25/05/2004	Advanced Diploma in Japanese I & II JAP03 & 04	25/05/2005
Diploma in Japanese JAP02	05/08/2002	Diploma in Japanese JAP02	05/08/2002
Certificate in Japanese JAP01	17/01/2002	Certificate in Japanese JAP01	17/01/2002
Diploma in Communicative Marathi Level 2 CM2	30/07/2015	Diploma in Communicative Marathi Level 2 CM2	30/07/2015



Certificate in Communicative Marathi Level 1 CM1	13/08/2014	Certificate in Communicative Marathi Level 1 CM1	30/06/2015
Diploma in Commercial & Technical Translation & Tourism (German) GER04	19/07/2003	Diploma in Commercial & Technical Translation & Tourism, GER04	19/07/2003
MA (CBCS) in Linguistics, Sem III and Sem IV	11/05/2017	1. Translation: Theory and Practice	11/05/2017
		2. Introduction to Computational Linguistics	11/05/2017
		3. Fundamentals of Auditory and Acoustic Phonetics	11/05/2017
		4. Language Documentation	11/05/2017
		5. Analysing Structures of Modern Indian Languages	11/05/2017
		6. Stylistics and Discourse Analysis	11/05/2017
		7. Advances in Computational Linguistics	11/05/2017
Certificate Course in Marathi, C001	01/06/1986	Certificate Course in Marathi, C001	01/06/1986
Pre. Diploma in Music	01/01/2006	Pre. Diploma in Music	01/01/2006
Diploma in Shashtriya Gayan	01/01/1969	Diploma in Shashtriya Gayan,	01/01/1969
Diploma in Sugam Sangeet Gayan	01/01/1987	Diploma in Sugam Sangeet Gayan	01/01/1987
Diploma in Music - Shastriya Vadan (Taalvadya) Tabla	01/01/1988	Diploma in Music - Shastriya Vadan (Taalvadya) Tabla	01/01/1988
Diploma in Music - Shastriya Vadan (Swarvadya) Sitar	01/01/1989	Diploma in Music - Shastriya Vadan (Swarvadya) Sitar	01/01/1989
F. Y. B.Mus. in H.C.Vocal	01/01/1979	F. Y. B.Mus. in H.C.Vocal	01/01/1979
F. Y. B. Mus. in H.C.Instru. Percussion (Taalvadya) Tabla	01/01/1979	F. Y. B. Mus. in H.C.Instru. Percussion (Taalvadya) Tabla	01/01/1979
F. Y. B. Mus. in H.C. Instru. non Percussion (Swarvadya) Sitar	01/01/1989	F. Y. B. Mus. in H.C. Instru. non Percussion (Swarvadya) Sitar	01/01/1989
Master in Hindustani Classical –Vocal	01/01/1984	Master in Hindustani Classical –Vocal	01/01/1984
Sound Recording & Reproduction	01/01/1993	Sound Recording & Reproduction	01/01/1993

M.P.Ed.	03/06/2000	1. Management and Professional Preparation in Physical Education and Sports, MPEDP - 401,	26/02/2015
		2. Course XIV Sports Nutrition, MPEDP-402	26/02/2015
		3. Journalism, Marketing and Event Management in Physical Education and Sports, MPEDP- 403	26/02/2015
		4. Current trends and policies in Physical Education and Sports MPEDP- 404	26/02/2015
B.P.Ed.	19/09/2005	1. Measurement, Evaluation and Statistics in Physical Education, BPEDP –114,	06/08/2015
		2. Sports Medicine, Physiotherapy and Rehabilitation, BPEDP – 115	06/08/2015
		3. Kinesiology and Biomechanics, BPEDP – 116	06/08/2015
		4. Physical Education activities, BPEDP – 117	06/08/2015
		5. Practice Teaching in Physical Education, BPEDP –118	06/08/2015
Diploma in Foundation of Yoga	21/12/1995	Diploma in Foundation of Yoga	21/12/1995
Advance Diploma in Yoga	28/12/2000	Advance Diploma in Yoga	28/12/2000
Certificate in Indian Aesthetic	25/02/2011	Certificate in Indian aesthetic	25/02/2011
Certificate in Vallabha Vedanta	22/09/2005	Certificate in Vallabha Vedanta	22/09/2005
Diploma in Vallabha Vedanta	21/07/2006	Diploma in Vallabha Vedanta	21/07/2006
Advance Diploma in Vallabha Vedanta	01/06/2009	Advance Diploma in Vallabha Vedanta	01/06/2009
Diploma in Jainology	02/06/1998	Diploma in Jainology	02/06/1998
Certificate in Jainology	06/01/2005	Certificate in Jainology	06/01/2005
Diploma in Buddhist Studies in Vipassana	06/01/2005	Diploma in Buddhist Studies in Vipassana	06/01/2005
Advance Diploma in Buddhist Studies in Vipassana	04/08/2015	Advance Diploma in Buddhist Studies in Vipassana	04/08/2015
Certificate in	25/02/2011	Certificate in Communal	25/02/2011

Communal Harmony		Harmony	
MA, Psychology, PAPSY	11/05/2017	1. Assessment in Clinical Psychology, PAPSY 301A	11/05/2017
		2. Assessment in Counselling Psychology, PAPSY 301B	11/05/2017
		3. Competency Based Assessment in Organization, PAPSY 301C	11/05/2017
		4. Assessment in Social Psychology, PAPSY 301D	11/05/2017
		5. Psychopathology Across lifespan, PAPSY 302A	11/05/2017
		6. Counselling Across the Lifespan addressing, PAPSY 302B	11/05/2017
		7. Organizational Behavior, PAPSY 302C	11/05/2017
		8. Understanding Social Psychology, PAPSY 302D	11/05/2017
		9. Psychotherapy, PAPSY 303A	11/05/2017
		10. Career Counselling and World of Work, PAPSY 303B	11/05/2017
		11. Organization Development, PAPSY 303C	11/05/2017
		13. Social Problems: Skills and Intervention, PAPSY 303D	11/05/2017
		14. Consumer Psychology, PAPSY 304A	11/05/2017
		15. Family and Couples Therapy, PAPSY 304B	11/05/2017
		16. Advanced Skills, PAPSY 304C	11/05/2017
		17. Training and Development, PAPSY 304D	11/05/2017
		18. Rehabilitation Psychology, PAPSY 304E	11/05/2017

		19. Advanced Social Psychology, PAPSYP 305A	11/05/2017
		20. CBT and REBT: Basic and Application, PAPSYP 305B	11/05/2017
		21. Advanced Applied Psychometrics and Data Analytics, PAPSYP 305D	11/05/2017
		22. Human Resource Management, PAPSYP 305E	11/05/2017
		23. Practicum in Clinical Psychology, PAPSYP 306A	11/05/2017
		24. Practicum in Counselling Psychology, PAPSYP 306B	11/05/2017
		25. Practicum in Industrial, PAPSYP 306C	11/05/2017
		26. Practicum in Social Psychology, Psychology PAPSYP 306D	11/05/2017
Certificate Course in Prakrit, UDSANPRC	20/05/2016	Certificate Course in Prakrit, UDSANPRC	20/05/2016
MA, Sociology (Honours)	23/01/2016	Methodologies of Social Research, CC.504	23/01/2016
Advanced Diploma Web Designing in Urdu	30/09/2016	Certificate Course in Urdu Web Designing	30/09/2016
Bachelor In Sports Management, BSM	11/07/2016	Bachelor In Sports Management, BSM	11/07/2016
PG Diploma Agri Business Management, PGDABM	05/08/2005	PG Diploma Agri Business Management, PGDABM	05/08/2005
PG Diploma In Tourism Management, PGDT&T	05/08/1993	PG Diploma In Tourism Management, PGDT&T	05/08/1993
PG Diploma In Environmental Pollution Control Technology, PGDEPCT	05/08/1988	PG Diploma In Environmental Pollution Control Technology, PGDEPCT	05/08/1988
Bachelor In Aviation, BA	11/07/2016	Bachelor In Aviation, BA	11/07/2016
Bachelor In Aeronautics'	05/08/2016	Bachelor In Aeronautics'	05/08/2016
PG Diploma In Practical Film Making, PGDPFM	05/08/2016	PG Diploma In Practical Film Making, PGDPFM	05/08/2016
PG Diploma In Hospital Administration, PGDHA	05/08/2008	PG Diploma In Hospital Administration, PGDHA	05/08/2008

PG Diploma In Information Technology, PGDIT	05/08/2012	PG Diploma In Information Technology, PGDIT	05/08/2012
PG Diploma In Jewellery Management, PGDJM	05/08/2008	PG Diploma In Jewellery Management, PGDJM	05/08/2008
Post Graduate Diploma in Management, PGDM	05/08/2008	Post Graduate Diploma in Management, PGDM	05/08/2008
Post Graduate Diploma Interior Design, PGDID	05/08/2013	Post Graduate Diploma Interior Design, PGDID	05/08/2013
Post Graduate Diploma Pharmaceutical Management, PGDPM	05/08/2009	Post Graduate Diploma Pharmaceutical Management, PGDPM	05/08/2009
Post Graduate Diploma Retail Management, PGDRM	05/08/2009	Post Graduate Diploma Retail Management, PGDRM	05/08/2009
Post Graduate Diploma Advertising & Media, PGDAM	05/08/2009	Post Graduate Diploma Advertising & Media, PGDAM	05/08/2009
Post Graduate Diploma Business Management, PGDBM	05/08/2009	Post Graduate Diploma Business Management, PGDBM	05/08/2009
Post Graduate Diploma Media Management (Marathi), PGDMM(M)	05/08/1994	Post Graduate Diploma Media Management (Marathi), PGDMM(M)	05/08/1994
Post Graduate Diploma Mass Media & Journalism (English), PGDMM&J (E)	05/08/1994	Post Graduate Diploma Mass Media & Journalism (English), PGDMM&J (E)	05/08/1994
Post Graduate Diploma Mass Media & Journalism (Hindi) PGDMM&J(H)	05/08/1994	Post Graduate Diploma Mass Media & Journalism (Hindi) PGDMM&J(H)	05/08/1994
Post Graduate Diploma Customs Clearance & Freight Forwarding, PGDCC&FF	05/08/1995	Post Graduate Diploma Customs Clearance & Freight Forwarding, PGDCC&FF	05/08/1995
Post Graduate Diploma Hospital Management & Health Care, PGDHMHC	05/08/2005	Post Graduate Diploma Hospital Management & Health Care, PGDHMHC	05/08/2005
Post Graduate Diploma Logistics & Supply Chain Management, PGDLM	05/08/2006	Post Graduate Diploma Logistics & Supply Chain Management, PGDLM	05/08/2006
Under Graduate Diploma Paint Technology, UGDPAT	05/08/1985	Under Graduate Diploma Paint Technology, UGDPAT	05/08/1985
Under Graduate Diploma Interior Design, UGDID	05/08/2000	Under Graduate Diploma Interior Design, UGDID	05/08/2000

Under Graduate Diploma Retail Management, UGDRM	05/08/2016	Under Graduate Diploma Retail Management, UGDRM	05/08/2016
Under Graduate Diploma Travel & Tourism Management, UGDT&T	05/08/1995	Under Graduate Diploma Travel & Tourism Management, UGDT&T	05/08/1995
Under Graduate Diploma Jewellery Design Innovation, UGDJM	05/08/2008	Under Graduate Diploma Jewellery Design Innovation, UGDJM	05/08/2008
Under Graduate Dipoma Customs Clearance Freight Forwarding, UGDCC&FF	05/08/1995	Under Graduate Dipoma Customs Clearance Freight FO, UGDCC&FF	05/08/1995
Under Graduate Diploma Tour Management, UGDTM	05/08/2009	Under Graduate Diploma Tour Management, UGDTM	05/08/2009
Under Graduate Diploma Foreign Trade Management, UGDFTM	05/08/1994	Under Graduate Diploma Foreign Trade Management, UGDFTM	05/08/1994
Masters In Sports Management, MSM	01/07/2016	Masters In Sports Management, MSM	01/07/2016
Short Term Certificate I HSK 1	07/08/2016	Short Term Certificate I HSK 1	07/08/2016
Short Term Certificate I HSK 1	04/09/2016	Short Term Certificate I HSK 1	04/09/2016
Short Term Certificate I HSK 1	27/11/2016	Short Term Certificate I HSK 1	27/11/2016
Short Term Certificate I HSK 1	02/04/2017	Short Term Certificate I HSK 1	02/04/2017
Short Term Certificate II HSK 2	12/06/2016	Short Term Certificate II HSK 2	12/06/2016
Short Term Certificate II HSK 2	13/11/2016	Short Term Certificate II HSK 2	13/11/2016
Diploma I HSK 3	04/09/2016	Diploma I HSK 3	04/09/2016

## **1.2 Academic Flexibility**

### **1.2.1 New programmes/courses introduced during the Academic year**

<b>Programme/Course</b>	<b>Date of introduction</b>
Master of Social Work	04/07/2016
P.G. Diploma in Security Studies	14/07/2016
Advanced Diploma Course in Persian	28/08/2016
Diploma in Bhakti	23/01/2017
Certificate Course in Prakrit	20/05/2016
Certificate Course in Appreciation of Urdu Ghazal	30/09/2016
Certificate Course in Conversational Urdu	30/09/2016
Advanced Diploma Web Designing in Urdu	30/09/2016
B.SC.Aviation	10/06/2016

Bachelor In Aeeronautics		05/08/2016			
Bachelor In Sports Management		11/07/2016			
Masters In Sports Management		11/07/2016			
Short Term Certificate I HSK 1-1- 2016		07/08/2016			
Short Term Certificate I HSK 1-2- 2016		04/09/2016			
Short Term Certificate I HSK 1-3- 2016		27/11/2016			
Short Term Certificate I HSK 1-4- 2016		02/04/2017			
Short Term Certificate II HSK 2-1- 2016		12/06/2016			
Short Term Certificate II HSK 2-2- 2016		13/11/2016			
Diploma I HSK 3-1-2016		04/09/2016			
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Master of Social Work	0	1	4/07/2016	0	1
M.A. in Arabic	0	1	24/06/2016	0	1
M.Sc in Biophysics	0	1	24/06/2016	0	1
M.Com	0	1	10/06/2016	0	1
M.A. in Economics	0	1	21/06/2016	0	1
M.Ed	0	1	26/02/2016	0	1
M.A. (Honours) in English	0	1	15/06/2016	0	1
M.A. (Honours)with Research in English	0	1	15/06/2016	0	1
FYBA French Studies	1	0	28/02/2017	1	0
M.A. in French (Semester I & II)	0	1	28/02/2017	0	1
M.A. /M.Sc. in Geography (Semester I & II)	0	1	27/05/2016	0	1
M.A. & M.A. (Honours) in German Studies	0	1	05/08/2016	0	1
M.A. in Gujrati	0	1	1/1/2016 (Already Adopted)	0	1
M.A. in Hindi	0	1	07/06/2016	0	1
M.A. in History and Archeology (Sem I & II)	0	1	24/06/2016	0	1
B.Sc (IT)- FYIT	1	0	14/07/2016	1	0
MA in Eurasian Studies	0	1	06/06/2016	0	1
M.A. in Linguistics (Sem III & Sem IV)	0	1	11/05/2017	0	1
M.A. in Marathi ( Sem I&II)	0	1	24/06/2016	0	1

M.P.Ed.	0	1	26/02/2015 (Already Adopted)	0	1
B.P.Ed. (Two Years CBSGS)	1	0	8/6/2015 (Already Adopted)	1	0
M.A. in Persian	0	1	24/06/2016	0	1
M.Sc. in Physics	0	1	05/08/2016	0	1
M.A. Psychology	0	1	01/06/2016	0	1
M.A. in Russian	0	1	07/12/2016	0	1
M.A. in Sanskrit	0	1	20/05/2016 (Already Adopted)	0	1
M.A. (Honours) in Sociology	0	1	24/05/2016 (Already Adopted)	0	1
M.A. in Urdu	0	1	15/04/2016 (Already Adopted)	0	1
Master of Library and Information Science	0	1	10/06/2016	0	1
BMS-MBA Five Years Integrated Course	1	0	13/02/2017	0	0
BBA-LLB (Honours) Five Years Integrated Course	1	0	30/09/2016	0	0

### 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
Selling and Negotiation Skills	01/08/2016	120
German Language	01/08/2016	60
Advance Excel Training	01/08/2018	120
PSCS302 Social Network Analysis (M.Sc. Computer Science)	01/06/2016	54
PSCS401 Simulation and Modeling (MSc Computer Scieene)	01/06/2016	54
English Language Teaching	15/06/2016	16
Certificate in German	26/02/2014	662
Diploma in German	26/02/2015	183
Advanced Diploma in German	26/02/2014	99
Short Term Intensive Certificate in German	24/07/2006	23
Diploma in Tech Comm Translation & Tourism	19/07/2003	31
Certificate in Japanese	17/01/2002	57
Diploma in Japanese	05/08/2002	9
Advanced Diploma in Japanese I	25/05/2004	11
Advanced Diploma in Japanese II	25/05/2004	5
Certificate in Communicative Marathi Level 1	13/08/2014	7
Diploma in Communicative Marathi Level 3	30/07/2015	10



Research ethics, research skill, socio legal research , research methodology	01/03/2016	20
Certificate Course in Phonetics and Phonology	01/06/2008	21
Lecture series on “Language and Brain” (2 days)	16/07/2016	18
Workshop on “Morphosyntax of Indian Languages” (6 days)	12/08/2016	21
Topics in the Syntax of Modern Indo-Aryan Languages (course offered under the GIAN initiative)	21/12/2016	29
One Year Certificate Course in Pali Language and Literature	26/08/2008	97
One Year Advance Diploma Course in Buddhistic Studies Vipassana Theory & Practise	04/08/2015	16
One Year Diploma Course in Pariyatti & Patipatti	04/08/2015	22
M.P.Ed. (Two Years CBSGS)	26/02/2015	30
B.P.Ed. (Two Years CBSGS)	06/08/2015	8
Diploma in Foundation of Yoga	21/12/1995	214
Advance Diploma in Yoga	29/12/2000	94
Certificate Course in Indian Aesthetics	25/02/2011	21
Certificate in Vallabha Vedanta	22/09/2005	78
Diploma Course in Vallabha Vedanta	21/07/2006	45
Advance Diploma in Vallabh Vedanta	01/06/2009	40
Diploma in Jainology	02/06/1998	108
Certificate in Jainology	06/01/2005	324
Diploma in Buddhist Studies in Vipassana	01/06/2005	100
Advance Diploma in Buddhist Studies in Vipassana	04/08/2015	34
Diploma in Bhakti	23/01/2017	15
P. G. Dimploma in Comparative Mythology	15/07/2009	50
P. G. Diploma in Myticism	15/07/2012	21
Advanced diploma in Mysticism	15/07/2013	16
Certificate course in Bhakti literature	15/07/2013	15
Post Graduate Diploma in Urdu Mass Communication & Jurnalism	01/01/2006	8
Diploma in Computer Application and Multi Lingual D.T.P.	01/01/2006	3
Soft Skills and Communication	10/06/2016	19
Library Management	10/06/2016	40
Short Term Certificate I HSK 1-1-	07/08/2016	30

2016		
Short Term Certificate I HSK 1-2-2016	04/09/2016	14
Short Term Certificate HSK 1-3-2016	27/11/2016	28
Short Term Certificate I HSK 1-4-2016	02/04/2017	18
Short Term Certificate II HSK 2-1-2016	12/06/2016	28
Short Term Certificate II HSK 2-2-2016	13/11/2016	26
Diploma I HSK 3-1-2016	04/09/2016	23
BMS-MBA Five Years Integrated Course	07/06/2014	141
BBA-LLB (Hons.)Five Years Integrated Course	07/06/2014	144
1.3.2 Field Projects / Internships under taken during the year		
Project/Programme Title		No. of students enrolled for Field Projects / Internships
Masters in Management Studies Summer Internship		99
Community Programme by Maters in Social Work students		35
Summer training for Masters in Biotechnology Students		5
A System to Filter Unwanted Message from OSNs Users Wall, by Masters in Computer Science Students		1
Location Based Automated Attendance System, by Masters in Computer Science Students		1
NFC based Automated Student Attendance & Assets Management System, by Masters in Computer Science Students		1
Multidimensional Analysis on IDOL Students Data, by Masters in Computer Science Students		1
Bluetooth Control Robot, by Masters in Computer Science Students		1
Secure Auditing and De-duplicating data in Cloud, by Masters in Computer Science Students		1
Android Based Biometric Authentication and Wireless PC Control, by Masters in Computer Science Students		1
Cell Bot Using Mobile Android Application, by Masters in Computer Science Students		2
Radio Automation System, by Masters in Computer Science Students		2
Efficient Dimensionality Reductioction for Big Data using Clustering Technique, by Masters in Computer Science Students		1
Prediction of NAAC Grade & Recommendations to Improve the NAAC Grade, by Masters in Computer Science Students		2
Hyperparameter Optimization for Deep Neural Networks using Quantum Computation, by Masters in Computer Science Students		1
Classification of Unstructured Data Based on Machine Learning Techniques, by Masters in Computer Science		2

Students				
Atlas of Knowledge, by Masters in Computer Science Students	1			
MAC Id Security, by Masters in Computer Science Students	1			
Dimensionality Reduction For Big Data Using Clustering Techniques, by Masters in Computer Science Students	1			
Direct Benefit Transfer Scheme: A Third Party Evaluation, for Masters of Economics Students	5			
Employability of graduates in higher education- Project funded by NUEPA, New Delhi, for Masters in Economics Students	4			
M.Ed. Internship based on NCTE recognized B. Ed. Colleges affiliated to University of Mumbai	9			
ELT Workshop for Learners in Tribal area, by Masters in English Students	20			
Study Tour To Varanasi & Lucknow, for Masters in French Students	2			
Rajasthan Study Tour, for Masters in Geography Students	35			
Study tour to Shrivardhan and Harihareshwar, for Masters in Geography Students	6			
History of Art, for Department of German Students	10			
Visit to Jail, IPR Office, High Court, NGO, Hospital, Tribunal to know practical procedures for Law Students	100			
Field Methods course: Analysis of linguistic aspects of two varieties of Mawchi-Bhili language, for Masters in Linguistics Students	5			
Extention Work Project, for Department of Life Long Learning and Extension Students	23506			
Educational Tour Lonawala Music festival, NCPA, for Department of Music Students	38			
Masters in Polymer Physics Industrial Visit-Gharda Chemicals	10			
Masters in Physics Industrial Visit - SMT, Vasai, Palghar	4			
Masters in Psychology Field work/Internship (Industrial Psychology, Social Psychology, Clinical Psychology, Counselling Psychology)	74			
Field trip for Department of Sociology Students	35			
Masters in Library and Information Science Internship Programme	21			
Field Project on Real Estate and Court Visit of Law Students	98			
Summer Internship project for Management Students	168			
Semester based Project in Intergrated Masters in Basic Sciences	29			
<b>1.4 Feedback System</b>				
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? (maximum 500 words)				
Analysis of this feedback contributes to improvement in terms of Teaching Methods, Teaching-Learning Process, Examination Process, Industrial Visits, Guest Lecture Arrangements, Revision in Syllabus, New Course Formation, Help in On Job Training and Internships, Projects etc.				

However some departments have their individual best practices in this aspect. Some of which are (a) Student's feedback is always discussed in the Faculty meeting of the Department and the issues if any are resolved in the interest of the students, (b) A written analysis by faculty about the feedback and actions to be taken on further development, (c) The Director/Head may discuss the feedback with the faculty individually, (d) Each Departmental IQAC has student representative who also provide direct feedback and inputs, which are then discussed and implemented in the best possible way and (e) Each Departmental IQAC has teacher representative who also provide direct feedback and inputs, which are then discussed and implemented in the best possible way.

1.4.3. Curricula developed/ adopted have relevance to local/ national/ regional/ global developmental needs with learning objectives including programme outcomes, programme specific outcomes and course outcomes of all the programme offered by the university (maximum 500 words)

Various Departments and Institutes have attended to developmental needs at various levels; theoretical, research and training level. Teaching faculty ensures a multidisciplinary approach towards their learning outcomes, in order to make it practically relevant. Programme outcomes cater to the industry for e.g. the biotechnology curricula would introduce topics like Plant Tissue Culture (PTC) and Animal Tissue Culture (ATC) cater to which Tissue culture industry. Students are also prepared to understand industry specific needs and related entrepreneurial skills. The course outcome directly translates into effective placements in industries, academia and research institutes. Many students also qualify and are absorbed by Universities abroad for higher education. To make the course locally relevant students also engage in extension activities through collaborative efforts as a part of their programme. For example the Alkesh Dinesh Mody Institute has conducted Organ Donation Drive in association with Nanavati Hospital & Speciality Care. The Institute also conducted Joy of Giving Drive wherein people have donated their books, toys and clothes for under privileged section of the society. Based on the discipline courses are designed to meet the needs of the industry such as commerce, management, banking and finance, accountancy and taxation etc. as well as the society such as understanding environment conservation, Human Rights in the Global Context, Women and Political Representation, Democracy, Pluralism and Citizenship etc. The Language based courses are designed to not only develop language proficiency but to understand the rich literary traditions, cultural know how, translation skills and research competence. Understanding the use of technology in the field is a central learning objective for e.g. a Computer Science Student would engage with ideas such as robotics and artificial intelligence, while a geography student would engage with the application of Remote Sensing and Geographic Information System, and a psychology student would learn to design their cognitive psychology experiments using computer based applications. The Choice based Credit System introduced mainly in this academic year gives students the opportunity to exercise choice in their learning goals, and also look out for interdisciplinary, ability enhancement and project based courses.

1.4.4. Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum (Maximum 500 words)

Many courses have addresses issues of Environment and Sustainability, such as courses on Environmental Biotechnology, Conservation Psychology, Economics of Climate Change, Green Computing, Environment Management or a course in Political Science on Environment Conservation and Development in India. Gender and other socially relevant themes addressing human values are common across coursework and curricula in issues of human rights, political representation, feminist theories and literature, dalit literature, multiculturalism, security and terrorism, peace studies, social justice and equality, power and inequality, social class and caste

etc. These themes find space not only in literature and academic discourse, but also in disciplines acting through the medium of folk art, music, poetry, theatre etc. Students also through field based projects, field work, internships engage in social outreach programs which inculcate social sensitivity and human values. Every discipline includes in its academic programme both relevant professional and research ethics, based on standards and guidelines prescribed as best practices in the academic field.

## **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
Bachelor in Management studies (BMS)	120	337	116
Master in Management Studies (MMS) at the Alkesh Dinesh Mody Institute for Financial and Management Studies	120	Admissions through DTE CAP process hence number cannot be ascertained	118
Master in financial Service Management	60	4	4
Master of Social Work	60	56	42
Master of Arts in Arabic	25	35	24
Certificate Course in Arabic	400	378	378
Diploma in Arabic	200	93	93
Advance Diploma in Arabic	60	39	39
Certificate Course in Islamic Studies	60	29	29
Diploma in Islamic Studies	30	12	12
M.Sc . in Biophysics	20	29	10
M.Sc. In Biotechnology	21	250	19
Ph.D. in Biotechnology	1	15	0
M. Sc. Chemistry	80	905	78
M.A. in Communication and Journalism	60	177	60
M.A. in Electronic Media	20	145	20
M.A. in Public Relations	20	100	20
M.A. in Film Studies	20	70	20
M.A. in Television Studies	20	68	17
Master in Commerce	180	229	144
Ph.D. in Commerce	32	32	9
M.A. (Hons) Politics	150	107	107
P.G. Diploma in Human rights	70	16	16
P.G. Diploma in International Studies	30	13	13
M.A. (Hons) Public Policy	30	9	9
P.G. Diploma in Security Studies	30	6	6

M.Phil. In Civics and Politics	12	11	11
Ph.D. in Civics and Politics	6	6	6
Post Graduate Certificate Course in Right to Information	40	37	37
M.Sc. in Computer Science	40	80	33
Ph.D. in Computer Science	37	10	2
M.A in Economics.	150	341	130
Ph.D. in Economics	168	27	10
M.Phil. In African Studies	15	3	3
Ph.D. in African Studies	18	16	16
M.Phil. in Education	20	27	20
Ph.D. in Education	3	42	3
Post graduate in Management of Education	20	21	20
Certificate Course Teacher education for International Schools	20	11	11
Certificate Course Instructional Design	20	11	11
Master in Education	50	30	12
MA Honours and Honours with Research in English	60	115	56
M. Phil in English	25	34	20
Ph. D. in English	23	71	23
Certificate Course in Functional Proficiency in English	22	22	22
Certificate Course in professional Proficiency in English	22	22	22
B.A. in French Studies	25	9	5
M.A. In French	25	4	4
Ph.D. In French	10	3	3
M.A./ M.Sc. in Geography	75	73	39
Ph.D in Geography	12	14	12
B.A in German Studies	30	24	18
M.A. & M.A. (Hons.) in German Studies	30	19	13
Ph.D. in German Studies	14	5	4
M.Phil. in Gujrati	10	13	13
M.A. in Hindi	120	60	60
M.Phil. in Hindi	40	65	30
Ph.D. in Hindi	8	52	8
M .A. in History	120	162	118
M Phil. In History	15	15	15
Ph D. in History	15	15	15
M.Sc.in Information Technolgy	40	40	22
M.A. in Kannada	20	10	10

M.Phil. In Kannada	15	6	6
Ph.D. in Kannada	10	9	9
Certificate Course in Kannada	50	48	48
Diploma Course in Kannada	10	2	2
M.A. in Eurasian Studies	10	5	5
M.Phil.in Eurasian	15	6	6
Ph.D. in Eurasian	2	1	1
LL.M.	600	2750	594
PG Diploma in Intellectual Property Rights	50	66	50
PG Diploma in Alternative Dispute Resolution	50	44	44
PG Diploma in Securities Laws	50	30	30
PG Diploma in Cyber Law and Information Technology	50	47	47
M. Phil.in Law	15	30	7
M.A. in Linguistics	75	21	16
Certificate Course in Phonetics and Phonology	50	21	21
P.G.Diploma in performing folk Arts	30	24	24
Certificate course in performing folk Arts	40	9	9
M.Sc. In Life Sciences	65	186	64
M.A. in Marathi Part	150	24	24
M.Phil. In Marathi	20	10	8
Ph.D. in Marathi	190	18	13
M.A/M.Sc Mathematics	150	450	150
M.Phil. In Mathematics	15	25	5
Ph.D. in Mathematics	41	15	1
Pre Diploma Foundation Course in Hindustani Classical Vocal Music	15	26	15
Diploma in Shashtriya Gayan	25	93	25
Diploma in Sugam Sangeet Gayan	25	39	19
Diploma in Music - Shatriya Vadan (Taalvadya)	7	12	7
Diploma in Music - Shastriya Vadan (Swarvadya)	7	4	3
F.Y. B. Mus. in H.C.Vocal	14	19	14
F.Y. B. Music in Hindustani Classical. Instru. Percussion (Taalvadya)	7	5	4
Master in Hindustani Classical –Vocal	15	37	15
M. Phil. In music	10	13	7

Ph. D. in Music	0	0	13
M.Phil In Pali Language And Literature	20	8	3
M.A. In Pali	60	64	37
Post Graduate Advanced Diploma in Pali	20	16	16
One Year Certificate Course in Pali Language and Literature	100	97	97
One Year Advance Diploma Course in Buddhistic Studies Vipassana Theory & Practise	50	16	16
One Year Diploma Course in Pariyatti & Patipatti	50	22	22
Master in Physical Education (Two Year CBSGS)	40	36	36
Bachelor in Physical Education (Two Years)	50	Seats are filled through common entrance test (CET) hence number cannot be ascertained	36
Ph.D. in Physical Education	31	27	12
M.A. in Persian	10	8	8
Advanced Diploma Course in Persian	30	17	17
Diploma Course in Persian	40	22	22
Certificate Course in Persian	40	78	78
M.A. in Philosophy	120	77	77
M.Sc. In Physics Part-I	68	337	61
M.Sc. In Physics Part-II	68	60	60
M.A. in Psychology	100	341	94
M.Sc. In Zoology - Oceanography	25	24	24
M.Sc. In Chemistry	60	122	51
M Sc. Environmental Science	20	5	4
Masters in Social Work	30	9	7
Certificate course in Russian	100	57	57
Diploma in Russian	100	9	9
Advanced Diploma in Russian	50	4	4
Five Year Integrated Course (BA+MA) in Russian	20	4	4
MA in Russian	50	4	4
PH.D in Sanskrit	24	26	26
M.A. in Sanskrit	60	35	34
M.Phil in Sanskrit	20	20	20
Certificate Course In Sanskrit	100	100	100
Diploma Course In Sanskrit	100	89	89



Advanced Diploma In Sanskrit	30	30	30
P.G. Diploma In Comparative Mythology	50	50	50
P.G. Diploma In Mysticism	30	21	21
Advanced P.G. Diploma In Mysticism	30	16	16
Certificate Course In Bhakti	30	15	15
Diploma Course In Manuscriptology	25	20	20
M.A. in Sindhi	20	2	2
M.Phil. In Sindhi	10	2	2
Ph.D. in Sindhi	10	5	5
M.Phil. In Sociology	19	19	19
M.A. in Sociology (I & II)	200	125	110
Ph.D. in Sociology	25	25	25
M.Sc. In Statistics	60	216	60
Post Graduate Diploma in Statistics with Software	60	111	62
M.Sc. in Statistics	60	53	53
Master of Theatre Arts	25	147	25
M.A. in Urdu	100	52	52
M.Phil in Urdu	20	12	12
Ph.D. in Urdu	20	7	7
Certificate Course in Urdu	20	17	17
Diploma Course in Urdu	15	6	6
PG Diploma in Mass Communication and Urdu Journalism	20	8	8
Diploma in Computer Application & Multilingual D.T.P	20	3	3
Master of Library and Information Science	30	39	28
Under Graduate Diploma in Computer Applications, UGDCA	60	27	17
Under Graduate Diploma Interior Design, UGDID	60	109	68
Under Graduate Diploma Retail Management, UGDRM	60	13	8
Under Graduate Diploma Paint Technology, UGDPAT	60	65	55
Under Graduate Diploma Travel & Tourism Management, UGDT&T	60	138	63
Under Graduate Diploma Jewellery Design Innovation, UGDJM	60	16	11

Under Graduate Dipoma Customs Clearance Freight Forwarding, UGDCC&FF	60	101	62
Under Graduate Diploma Foreign Trade Management, UGDFTM	60	55	36
B.Sc. in Aviation	60	17	1
PG Diploma Agri Business Management, PGDABM	60	63	37
Post Graduate Diploma in Analytical Techniques, PGDAT	60	23	10
PG Diploma In Environmental Pollution Control Technology, PGDEPCT	60	16	11
PG Diploma In Practical Film Making, PGDPFM	60	16	18
PG Diploma In Hospital Administration, PGDHA	60	40	20
PG Diploma In Information Technology, PGDIT	30	24	17
PG Diploma In Jewellery Management, PGDJM	60	7	5
Post Graduate Diploma in Management, PGDM	60	42	16
Post Graduate Diploma Interior Design, PGDID	60	26	22
PG Diploma In Tourism Management, PGDT&T	60	111	60
Post Graduate Diploma Pharmaceutical Management, PGDPM	60	51	28
Post Graduate Diploma Advertising & Media, PGDAM	60	52	46
Post Graduate Diploma in Business Management, PGDBM PGDBM	60	29	15
Post Graduate Diploma Media Management, PGDMM (Marathi)	60	21	9
Post Graduate Diploma Mass Media & Journalism, PGDMM & J(Hindi)	60	15	11
Post Graduate Diploma Mass Media & Journalism, PGDMM & J (English)	60	25	17
Post Graduate Diploma Hospital Management & Health care, PGDHMC	60	16	11

Post Graduate Diploma Logistics & Supply Chain Management, PGDLM	60	81	55
Post Graduate Diploma Customs Clearance & Freight Forwarding, PGDCCFF	60	88	67
Post Graduate Diploma Retail Management, PGDRM	60	13	6
Post Graduate Diploma in Medical Transcription, PGDMT	60	13	2
Under Graduate Diploma Tour Management, UGDTM	60	55	34
Post Graduate Diploma in Computer Applications, PGDCA	18	6	6
Post Graduate Certificate Course in Laboratory Management, PGCLM	18	6	6
Post Graduate Diploma in Social Communication and Media, PGDSCM	40	28	28
Bachelor In Sports Management, BSM	120	60	60
Masters In Sports Management, MSM	120	40	40
Short Term Certificate I HSK 1-1-2016	30	30	30
Short Term Certificate I HSK 1-2- 2016	30	14	14
Short Term Certificate I HSK 1-3- 2016	30	28	28
Short Term Certificate I HSK 1-4- 2016	30	18	18
Short Term Certificate II HSK 2-1- 2016	30	28	28
Short Term Certificate II HSK 2-2- 2016	30	26	26
Diploma I HSK 3-1-2016	30	18	18
BMS-MBA (5 Years Integrated Course)	60	78	35
BBA LL.B (H.) (5 Years Integrated Course)	60	65	47
Integrated MSc in Basic Sciences	47	14500	29
M.Sc. In Finance	30	556	30
Master in Management Studies at the Jamnalal Bajaj	139	Admissions through DTE CAP process	139

Institute Of Management Studies		hence number cannot be ascertained	
Master in Mass Media	120	200	119
Master in Financial Management	120	208	120
Master in Information Management	60	120	38
Master in Human resource Management.	60	110	36
Bachelor in Management studies	120	337	116
Integrated MsC in Basic Sciences	47	14500	29

## 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
2016	762	6855	147	407	336

## 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 (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
289	259	<ol style="list-style-type: none"> <li>1. Internet Connectivity (LAN)</li> <li>2. Wifi enabled Campus,</li> <li>3. LCD Projectors,</li> <li>4. Desktops, Laptops, Tablets</li> <li>5. Audio- Visual devices (Speakers, LCD TV),</li> <li>6. Virtual Class Room</li> <li>7. Computing Laboratory, Computer Laboratory, Computerized Psychology Laboratory</li> <li>8. Recording Studio</li> <li>9. Smart Boards</li> <li>10. Visualizer and</li> </ol>	78	35	<ol style="list-style-type: none"> <li>1. Use of PowerPoint Presentations</li> <li>2. Video-Conferencing</li> <li>3. Use of Content Related Videos for Class presentation and discussion (Multimedia)</li> <li>4. Film Screening/ Documentary Screening</li> <li>5. N-List data base, SAGE data base and Virtual</li> </ol>

		<p>Interactive panel</p> <ol style="list-style-type: none"> <li>11. PAS (Computer Science)</li> <li>12. R-Project for Statistical Computing</li> <li>13. SAS (Statistical Analysis Software)</li> <li>14. The Latex Project</li> <li>15. Mathematica</li> <li>16. MUPAD Software (MATLAB)</li> <li>17. Opensesame Experiment Builder</li> <li>18. Quantum GIS (Geographic Information System)</li> <li>19. ArcGIS (Geographic Information System)</li> <li>20. Technote</li> <li>21. Moodle</li> <li>22. Demokit with PC interfacing</li> <li>23. Digital Pali Reader (DPR)</li> </ol>			<p>lecturesUse of OER (Open Educational Resources)</p> <ol style="list-style-type: none"> <li>6. Use of MOOC,</li> <li>7. Use of Spoken Tutorials,</li> <li>8. Use of Research Robots</li> <li>9. Computer Assisted Instruction,</li> <li>10. Self-Instruction Packages Prepared.</li> <li>11. Use of from the web portals like E-pathshala.</li> <li>12. Weblinks which give Phonetic Assistance (Ear-training for speech sounds)</li> <li>13. Use of Internet based tools to facilitate learning (Youtube, Google forms etc.)</li> <li>14. Web-teaching</li> <li>15. Weblinks which give Phonetic Assistance (Ear-training for speech sounds)</li> <li>16. Use of webbased resources for studies in Pali such as Digital</li> </ol>
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					<p>Pali Reader (DPR),          accesstoinsight, suttacentral, tipitaka.org</p> <p>17. Use of E-Resources (For accessing E- Journals) such As Ebsco, Taylor and Francis, Springer, Jstor, Science Direct etc.</p> <p>18. Use of Web based resources such as CMIE: Prowess, Ebsco, Euro monitor, Industry Outlook, Proquest, MFI explorer etc</p>
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2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)		
Yes		
Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
7607	564	1:13

<b>2.4 Teacher Profile and Quality</b>				
<b>2.4.1 Number of full time teachers appointed during the year</b>				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
461	235	226	31	206
<b>2.4.2 Honours and recognitions received by teachers</b> (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	
2016	Mr.Sanjeev Thakur	Assistant Professor	Award for outstanding research paper	
2017	Dr.Smita Shukla	Professor	CII (Confederation of Indian Industries)- EdgeFarm (3 <sup>rd</sup> Edition) First Runners up Award	

2016	Anil V. Karnik	Professor	Elected as a Fellow of Maharashtra Academy of Sciences: Fellowship No.: BLF1039, Maharashtra Academy
2017	Dr. Vishwanath R. Patil	Assistant Professor	Best Researcher and Academician Award, Bionano Frontier Mumbai, India and University of Mauritius
2016	Dr. Sangeeta Pawar	Associate professor	Dr Babasaheb Ambedkar Adarsh Shikshak Puraskar 2016
2016	Dr. Sudha Mohan	Professor	Sciences Po, Grenoble, France
2016	Dr. Shoba Ghosh	Professor	DAAD, Visiting Professorship
2017	Sachin Ramesh Labade	Assistant Professor	Short Guest Lecture Fellowship, Technical University of Dresden, Germany
2017	Dr Vasumathi Badrinathan	Assistant Professor	Principals Special Appreciation Award R Ruia College Mumbai
2017	Dr. Sachin Gapat	Assistant Professor	Shreemati Pyaridevi Ghaseeram Sihaga Sahity Samman
2016	Dr. Kishore Gaikwad	Professor	Post Doctoral Fellowship Sir Dorabaji Tata Trust With Heras Ideological Institute Mumbai
2016	Dr. (Mrs) R.Srivaramangai	Assistant Professor	Computer Society of India
2016	Dr.G.N.Upadhya State Level	Professor	State Level - Kannada Jyothi Kannada Sevasangha, Powai 2016
2016	Dr. Sakina I. H. Khan	Assistant Professor	Prominent Citizen Award
2016	Dr. Nainesh Patel	Assistant Professor	International Young Researcher by Government of Italy to visit University of Trento to carry out r
2016	Dr. Sucheta Sengupta	Assistant Professor	DST-Inspire Faculty Award, Department of Science and Technology, Govt. of India
2017	Dr. Ritwika Chakrabarti	Assistant Professor	UGC-Assistant Professor under UGC-Faculty Recharge Programme by University Grants Commission, Govt.
2017	Dr. M Hemalatha Tandel	Assistant Professor	UGC-Assistant Professor under UGC-Faculty Recharge Programme by University Grants Commission
2017	Dr. Ritwika Chakrabarti	Assistant Professor	UGC-Assistant Professor under UGC-Faculty Recharge

			Programme by University Grant Commission
2017	Dr.Pradip Sarawade	Assistant Professor	International Young Researcher by Saudi Research Science Institute, Saudi Arabia
2016	Dr. Muizza Kazi, International Level	Associate professor	Baharat Gaurav Award

## 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
Bachelor in Management studies	M0146	VI/2017	28/04/2017	20/08/2017
Master in Management Studies at Alkesh Dinesh Mody Institute for Financial and Management Studies	M1424	IV/2017	17/05/2017	24/08/2017
Master in financial Service Management	M0526	VI/2017	12/05/2017	24/07/2017
Master of Social Work	A1824	IV/ 2017	13/04/2017	3/08/2017
Master of Science in Biophysics	4.17/2013	IV/2017	30/04/2017	23/08/2017
Master of Science in Biotechnology	4.67/2013	IV/2016	01/04/2016	04/08/2016
Master of Science in Chemistry	4.119/2013	IV/2017	07/04/2017	29/04/2017
Master of Arts in Communication and Journalism	A2014	IV/2017	10/06/2016	15/07/2016
Master of Arts in Public Relations	A2114	IV/2016	10/06/2016	15/07/2016
Master of Arts in Electronic Media	A2514	IV/2016	10/06/2016	15/07/2016
Master of Arts in Television Studies	A2314	2016	10/06/2016	15/07/2016
Master of Arts in Film Studies	A5714	2016	10/06/2016	15/07/2016
Master of Commerce	C0524	IV/2017	25/05/2017	19/09/2017
Master of Arts in Politics(Hons)	A5114	IV/2017	24/04/2017	05/08/2017
Master of Arts in Public Policy(Hons)	4.39/2015	IV/2017	20/04/2017	02/08/2017
P.G. Certificate Course in Right to Information	Not Alloted	Final/2017	01/05/2017	04/01/2018
Master of Science in	4.42/2015	IV/2017	30/04/2017	23/08/2017



Computer Science				
Master of Arts in Economics	4.9/2012	IV/2017	08/05/2017	20/06/2017
M.Ed	A6114 R	IV/2017	28/04/2017	02/08/2017
Master of Arts (Honours) in English	A5224	IV/2017	07/04/2017	1/07/2017
Master of Arts (Honours) with Research in English	A5314	IV/2017	07/04/2017	29/06/2017
Bachelor of Arts in French Studies	A0216	VI/2017	05/04/2017	30/05/2017
Master of Arts In French	4.41/2012	IV/2017	15/05/2017	17/08/2017
M.A. in German Studies	A5514	IV/2017	31/03/2017	06/09/2017
M.A. (Hons) in German Studies	A4914	IV/2017	05/04/2017	19/06/2017
Bachelor of Arts in German Studies	A0816	VI /2017	06/04/2017	17/06/2017
Diploma in Commercial & Technical Translation & Tourism	GER04	Final/2017	12/03/2017	27/03/2017
Advanced Diploma in German	4.12/2012	Final/2017	12/03/2017	27/03/2017
Diploma in German	4.11/2012	Final/2017	12/03/2017	22/03/2017
Certificate in German	4.7/2015	Final/2017	19/03/2017	03/04/2017
Certificate in Communicative Marathi Level 1	4.21/2014	Final/2017	08/04/2017	20/04/2017
Diploma in Communicative Marathi Level 2	4.5/2015	Final/2017	01/04/2017	03/04/2017
Advanced Diploma in Japanese I	JAP01	Final/2017	25/03/2017	10/04/2017
Diploma in Japanese	JAP02	Final/2017	25/03/2017	10/04/2017
Certificate in Japanese	JAP01	Final/2017	25/03/2017	10/04/2017
Master of Arts in Hindi	4.8/2012	IV/2017	12/05/2017	27/08/2017
Master of Arts in History	4.2/ 2013	IV/2017	30/04/2017	0001/01/01
Bachelor of in Science in Information Technology	4.83/2012	VI/2017	01/04/2017	20/08/2017
Master of Science in Information Technology	4.77/2012	IV/2017	01/05/2017	23/08/2017
Master of Arts in Kannada	4.43/2013	IV/2017	16/05/2017	17/08/2017
Master of Arts in Linguistics	4.48/2012	IV/2017	17/05/2017	17/08/2017
Master of Arts in Marathi	4.25/2015	IV/2017	15/11/2016	30/04/2017
M.A/M.Sc Mathematics	4.44A	IV/2017	19/06/2017	23/08/2017
Pre. Diploma in Music	4.2/2014	Final/2017	07/04/2017	20/06/2017
Diploma in Shashtriya Gayan	4.3/2014	Final/2017	07/04/2017	20/06/2017
Diploma in Sugam Sangeet Gayan,	4.3/2014	Final/2017	07/04/2017	20/06/2017
Diploma in Tabla	4.3/2014	Final/2017	07/04/2017	20/06/2017
Diploma in Sitar	4.3/2014	Final/2017	07/04/2017	20/06/2017
B. Mus. Shahstriya Gayan	4.19/2015	VI/2017	07/04/2017	20/06/2017
B. Mus. Taalvadya	4.19/2015	VI/2017	07/04/2017	20/06/2017
B. Mus.Swaravadya	4.19/2015	VI/2017	07/04/2017	20/06/2017

Master in Shashtriya Gayan	4.19/2015	VI/2017	07/04/2017	20/06/2017
Advanced Certificate Course in Sound Recording & Reproduction	4.11	Final/2017	25/07/2017	28/07/2017
Masters Of Arts In Pali	4.65/2012	IV/2017	12/05/2017	23/08/2017
Post Graduate Advanced Diploma in Pali	4.37	2017	09/04/2017	16/04/2017
Master in Physical Education	A2624	IV/2017	29/05/2017	08/08/2017
Bachelor in Physical Education	A6214	IV/2017	24/03/2017	18/08/2017
Master of Arts in Persian	A4834	IV/2017	15/05/2017	17/08/2017
M.A. in Philosophy	4.42/2013	IV/2017	15/05/2017	23/08/2017
Master of Science in Physics	4.93/2013	IV/2017	13/04/2017	15/07/2017
Master in Arts in Psychology	4.12/2014	IV/2017	31/05/2017	07/08/2017
M.SC in Chemistry,	4.21/2012	IV/2017	30/04/2017	01/07/2017
Certificate Course In Sanskrit	4.15/2012	Final/2017	04/04/2017	29/05/2017
Diploma Course In Sanskrit	4.16/2012	Final/2017	04/04/2017	29/05/2017
Advanced Diploma In Sanskrit	4.137	Final/2017	04/04/2017	24/05/2017
P.G. Diploma In Mysticism	Not Alloted	Final/2017	04/04/2017	19/05/2017
Advanced P.G. Diploma In Mysticism	Not Alloted	Final/2017	04/04/2017	19/05/2017
Diploma In Manuscriptology	Not Alloted	Final/2017	04/04/2017	07/06/2016
Certificate Course In Bhakti Literature	4.19/2013	Final/2017	04/04/2017	24/05/2017
P.G. Diploma In Comparative Mythology	Not Alloted	Final/2017	04/04/2017	29/05/2017
Master of Arts in Sanskrit	A4824	IV/2017	10/05/2017	17/08/2017
Master of Science in Statistics	4.125/2013	IV/2017	23/05/2017	24/08/2017
Post Graduate Diploma In Applied Statistics With Software	4.86/2012	Final/2017	07/07/2017	12/09/2017
Master Of Theatre Arts	A5612	Final/2017	24/04/2017	07/05/2017
Master of Arts in Urdu	4.49/2013	IV/2017	12/05/2017	27/08/2017
Master of Library and Information Science	A2234	IV/2017	21/04/2017	16/06/2017
P.G. Diploma In Jewellery Management	PGDJM	Final/2017	18/08/2017	21/08/2017
P.G. Diploma In Advertising And Media	PGDAM	Final/2017	05/06/2017	07/07/2017
P.G.Diploma In Analytical Technics	PGDAT	Final/2017	14/06/2017	11/07/2017
P.G. Diploma In Business Management	PGDBM	Final/2017	29/07/2017	08/08/2017
P.G. Diploma In Mass Media & Journalism (English)	PGDC&J E	Final/2017	12/06/2017	11/07/2017
P.G. Diploma In Mass Media & Journalism (Hindi)	PDC&J H	Final/2017	14/06/2017	13/07/2017

P.G. Diploma In Media Management (Marathi)	PGDC&J M	Final/2017	14/06/2017	29/07/2017
P.G. Diploma In Hospital Administration	PGDHA	Final/2017	12/06/2017	27/07/2017
P.G. Diploma In Management	PGDM	Final/2017	12/06/2017	24/07/2017
P.G. Diploma In Pharma Management	PGDPM	Final/2017	29/06/2017	17/07/2017
P.G. Diploma In Retail Management	PGDRM	Final/2017	12/06/2017	21/07/2017
P.G. Diploma In Information Technology	PGDIT	Final/2017	23/06/2017	31/07/2017
P.G. Diploma In Practical Film Making	PGDPFM	Final/2017	30/06/2017	10/08/2017
P.G. Diploma In Customs Clerance & Freight Forwarding	PGDCCFF	Final/2017	25/06/2017	29/07/2017
U.G. Diploma In Tour Management	UGDTM	Final/2017	19/06/2017	17/07/2017
U.G. Diploma In Jewellery Designing & Management	UGDJDM	Final/2017	10/03/2017	01/04/2017
P.G. Diploma In Logistics & Supply Chain Management	PGDLM	Final/2017	25/06/2017	02/08/2017
P.G. Diploma In Agri Business Management	PGDABM	Final/2017	17/06/2017	18/07/2017
P.G. Diploma in Environmental Pollution Control Technology	PGDEPCT	Final/2017	25/01/2017	03/03/2017
P.G. Diploma In Hospital Management & Health Care	PGDHMHC	Final/2017	10/08/2017	11/09/2017
P.G. Diploma In Tourism & Travel Industry Management	PGDT&T	Final/2017	28/02/2017	07/04/2017
P.G. Diploma In Interior Design	PGDID	Final/2017	09/06/2017	03/07/2017
U.G. Diploma In Computer Application Technology	UGDCAT	Final/2017	14/06/2017	28/07/2017
U.G. Diploma In Foreign Trade Management	UGDFTM	Final/2017	05/01/2017	10/02/2017
U.G. Diploma In Tourism & Travel Industry Management	UGDT&T	Final/2017	18/04/2017	31/05/2017
U.G. Diploma In Jewellery Designing & Management	UGDJDM	Final/2017	01/03/2017	01/04/2017
U.G. Diploma In Interior Design	UGDID	Final/2017	06/01/2017	17/02/2017
U.G. Diploma In Paint Application Technology	UGDPAT	Final/2017	10/03/2017	15/04/2017
Master Of Sports Management	MSM	Final/2017	05/05/2017	14/07/2017
P.G. Diploma In Social Communication & Media	PGDSCM	Final/2017	24/04/2017	12/06/2017
Short Term Certificate I HSK	HSK 1-1-16	Final/2016	16/10/2016	16/10/2016

1				
Short Term Certificate I HSK 1-2- 2016	HSK 1-2-2016	Final/2016	11/12/2016	11/12/2016
Short Term Certificate I HSK 1-3- 2016	HSK 1-3-2016	Final/2017	05/03/2017	05/03/2017
Short Term Certificate I HSK 1-4- 2016	HSK 1-4- 2016	Final/2017	25/06/2017	25/06/2017
Short Term Certificate II HSK 2-1- 2016	HSK 2-1- 2016	Final/2016	14/08/2016	14/08/2016
Short Term Certificate II HSK 2-2- 2016	HSK 2-2- 2016	Final/2017	12/03/2017	12/03/2017
Diploma I HSK 3-1-2016	HSK 3-1-2016	Final/2017	19/02/2017	19/02/2017
Bachelor in Management Studies (BMS-MBA 5 Years Integrated Course)	M1726	VI/2017	28/04/2017	16/09/2017
Bachelor in Buisness Administartion (BBA-LL.B (H.) 5 Years Integrated Course)	L1016	VI/2017	05/05/2017	14/08/2017
Integrated Master of Science in Basic Sciences	Not Alloted	Final/2017	30/05/2017	10/07/2017
Master in Management Studies at Jamnalal Bajaj Institute Of Management Studies	4.18/2018	Sem- 4	13/04/2018	29/05/2018
Masters in Marketing Management	4.31/2014	VI/2017	28/04/2017	16/08/2017
Masters in Financial Management	4.27/2014	VI/2017	28/04/2017	16/08/2017
Maters in Human Resource Development Management	4.29/2014	VI/2017	28/04/2017	16/08/2017
Masters in Informational Management	4.30/2014	VI/2017	28/04/2017	16/08/2017

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

***\*Do not include re-evaluation/ re-totalling***

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
12	8732	0.14%

## **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)  
 The objectives, contexts and outcomes of various programmes are given in a summarised form on the webpage assigned to each department on the University website <http://mu.ac.in/portal/faculties/>  
 Incase of professional programmes and courses the curriculum/syllabus itself offers said details and will be found on the link <http://mu.ac.in/portal/new-syllabus/>

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
M0146	Bachelor in Management studies	95	56	58.95
M1424	Master in Management Studies at Alkesh Dinesh Mody Institute for Financial and Management Studies	115	102	88.7
M0526	Master in financial Service Management	3	1	33.33
A1824	Master of Social Work	35	30	85.71
4.5/2013	Master of Arts in Arabic	14	14	100
4.67/2013	M.Sc. in Biotechnology	21	16	76.19
4.119-4.122/2013	M.Sc.in Chemistry	66	64	96.97
A2014	Master in communication and Journalism	134	88	65.67
C0524	Master in Commerce	62	55	88.71
A5114	M.A. (Hons) Politics	66	43	65.15
Not Alloted	P.G. Diploma in Human Rights	14	9	64.29
Not Alloted	P.G. Diploma in International Studies	13	9	69.23
4.39/2015	M.A. (Hons) Public Policy	19	12	63.16
Not Alloted	M.Phil. In Politics	10	3	30
Not Alloted	P.G. Certificate Course in Right to Information	24	20	83.33
4.42/2015	M.Sc. In Computer Science	28	21	75
4.9/2012	Master of Arts in Economics	45	32	71.11
Not Alloted	M.Phil in African	2	2	100

	studies			
4.4/2014	Post Graduate Diploma in Master in educational administration	17	16	94.12
A6114 R	M. Ed	9	9	100
4.16/2015	Certificate Course Teacher education for International Schools	11	9	81.82
4.17/2015	Certificate Course Instructional Design	11	8	72.73
A5224/A5314	M.A. (Honours) and MA (Honours) with Research in English	44	42	95.45
A0216	B.A. in French Studies	7	7	100
4.41/2012	M.A. In French (Sem IV)	2	1	50
4.6/2013	M.A. / M.Sc. In Geography	30	26	86.67
A5514/ A4914	M.A. in German Studies and M.A. (Hons) in German Studies	7	7	100
A0816	B.A. in German Studies	10	10	100
GER04	Diploma in Commercial & Technical Translation & Tourism	25	24	96
4.12/2012	Advanced Diploma in German	75	50	66.67
4.11/2012	Diploma in German	145	117	80.69
4.7/2015	Certificate in German	420	288	68.57
4.5/2015	Diploma in Communicative Marathi Level 2	8	8	100
4.21/2014	Certificate in Communicative Marathi Level 1	5	5	100
JAP04	Advanced Diploma in Japanese II	5	5	100
JAP03	Advanced Diploma in Japanese I	6	5	83.33
JAP02	Diploma in Japanese	7	4	57.14
JAP01	Certificate in Japanese	19	12	63.16
4.16	M.Phil in Gujarati	12	10	83.33
4.8/2012	M.A. in Hindi	73	69	94.52
4.2/ 2013	M. A. in History	68	68	100
4.83/2012	B.Sc. In Information Technology	33	16	48.48
4.77/2012	M.Sc. In Information Technology	17	13	76.47
4.43/2013	M.A. in Kannada	16	16	100
4.47/2012	M.A. in Eurasian studies	1	1	100

Not Alloted	M.Phil. In Eurasian Studies	3	3	100
4.36/2014	LL.M.	144	70	48.61
4.48/2012	M.A. in Linguistics	5	5	100
Not Alloted	Certificate Course in Phonetics & Phonology	11	9	81.82
A4016	P.G.diploma in performing Folk arts	23	23	100
A1025	M.Phil. In Rural Development	22	11	50
4.22/2013	M.Sc Life Sciences	65	61	93.85
4.25/2015	M.A. in Marathi	30	25	83.33
4.44A	M.A./M.Sc. In Mathematics	167	84	50.3
4.2/2014	Pre. Diploma in Music	9	9	100
4.3/2014	Diploma in Shashtriya Gayan	15	14	93.33
4.3/2014	Diploma in Sugam Sangeet Gayan	12	10	83.33
4.3/2014	Diploma in Tabla	3	3	100
4.19/2015	B. Mus. Vocal	10	10	100
4.19/2015	B. Mus. Tabla	1	1	100
4.19/2015	M. A. in Music	12	12	100
4.1/2014	M. Phil in Music	10	0	0
4.65/2012	Masters Of Arts In Pali	30	0	0
4.37	Post Graduate Advanced Diploma in Pali	11	10	90.91
A2624	M.P.Ed. (Two Year CBSGS)	26	26	100
A6214	B.P.Ed. (Two Year CBSGS)	24	24	100
4.41/2016	Diploma Course in Persian	20	17	85
4.05/2016	Advanced Diploma Course Persian	13	11	84.62
A4834	M.A. in Persian	3	2	66.67
4.38/2016	Certificate Course in Persian	25	16	64
4.42/2013	M.A. in Philosophy	66	56	84.85
4.93/2013	M. Sc. in Physics	53	46	86.79
4.12/2014	M.A. in Psychology	94	90	95.74
4.21/2012	M.Sc. in Chemistry	64	43	67.19
4.121/2012	M.SC. Eenvironmental science	14	14	100
Not Alloted	Certificate in Russian	24	23	95.83
Not Alloted	Diploma in Russian	5	5	100
Not Alloted	Advanced Diploma in Russian	4	4	100

4.5/2013	Five Year Integrated Course (BA+MA) in Russian	4	1	25
4.48/2012	MA in Russian	4	3	75
A4834	M.A. in Sanskrit	36	33	91.67
Not Alloted	M.PHIL in Sanskrit	2	2	100
4.15/2012	Certificate Course in Sanskrit	46	38	82.61
4.16/2012	Diploma Course in Sanskrit	46	36	78.26
4.137	Advanced Diploma Course In Sanskrit	24	23	95.83
Not Alloted	Advanced P.G. Diploma In Mysticism	11	11	100
Not Alloted	P.G. Diploma In Mysticism	11	11	100
Not Alloted	Diploma In Manuscriptology	13	12	92.31
4.19/2013	Certificate Course In Bhakti Literature	10	8	80
Not Alloted	P.G. Diplomaa In Comparative Mythology	41	38	92.68
A4384	M.A. in Sindhi	10	10	100
4.125/2013	M.Sc. In Statistics	75	42	56
4.86/2012	Post Graduate Diploma in statistical Applications with Software	60	46	76.67
A5612	Master Of Theatre Arts	49	49	100
4.49/2013	M.A. in Urdu	45	27	60
A2234	Master in library Science	21	20	95.24
PGDABM	P.G. Diploma In Agri Business Management	20	18	90
PGDAM	P.G. Diploma In Advertising And Media	42	36	85.71
PGDAT	P.G.Diploma In Analytical Techniques	10	10	100
PGDBM	P.G. Diploma In Business Management	16	13	81.25
PGDC&J E	P.G. Diploma In Mass Media & Journalism (English)	17	12	70.59
PGDCJH	P.G. Diploma In Mass Media & Journalism (Hindi)	11	10	90.91
DCCFF	Diploma In Custom Clearance & Freight Forwarding	50	26	52
DFTM	Diploma In Foreign	35	14	40



	Trade Management			
DID	Diploma In Interior Design	23	15	65.22
DPAT	Diploma In Paint Application Technology	37	29	78.38
UGDJDM	U.G. Diploma In Jewellery Designing & Management	11	5	45.45
DT&T	Diploma In Tourism & Travel Industry Management	59	33	55.93
DTM	Diploma In Tour Management	33	23	69.7
PGDID	P.G. Diploma In Interior Design	14	7	50
PGDCCFF	P.G. Diploma In Customs Clerance & Freight Forwarding	65	37	56.92
PGDCJM	P.G. Diploma In Media Management (Marathi)	9	7	77.78
PGDEPCT	P.G. Diploma In Environmental Pollution Control Technology	14	10	71.43
PGDFTV	P.G. Diploma In Film & Television	9	5	55.56
PGDHA	P.G. Diploma In Hospital Administration	20	18	90
PGDHMDC	P.G. Diploma In Hospital Management & Health Care	9	7	77.78
PGDIT	P.G. Diploma In Information Technology	14	8	57.14
PGDJM	P.G. Diploma In Jewellery Management	5	3	60
PGDLM	P.G. Diploma In Logistics & Supply Chain Management	54	34	62.96
PGDM	P.G. Diploma In Management	16	15	93.75
PGDRM	P.G. Diploma In Retail Management	6	6	100
DCA	Diploma In Computer Application	15	6	40
PGDPM	P.G. Diploma In Pharma Management	29	25	86.21
PGDT&T	P.G. Diploma In Tourism & Travel Industry Management	57	43	75.44
PGDPFM-ATHARVA	P.G. Diploma In Practical Film Making-	9	6	66.67

	Atharva College			
PGDCJM-CKT	P.G. Diploma In Media Management (Marathi) - Ckt College	7	7	100
PGDAM-ATHARVA	P.G. Diploma In Advertising And Media -Atharva College	6	5	83.33
PGDSCM-SOPHIA	P.G. Diploma In Social Communication & Media-Sophia College	28	28	100
PGDCA-SOPHIA	P.G. Diploma In Clinical Analysis-Sophia College	6	6	100
MSM	Master Of Sports Management	5	4	80
HSK 1-1- 2016	Short Term Certificate I HSK 1-1- 2016	30	22	73.33
HSK 1-2- 2016	Short Term Certificate I HSK 1-2- 2016	14	8	57.14
HSK 1-3- 2016	Short Term Certificate I HSK 1-3- 2016	28	24	85.71
HSK 1-4- 2016	Short Term Certificate I HSK 1-4- 2016	18	15	83.33
HSK 2-1- 2016	Short Term Certificate II HSK 2-1- 2016	28	28	100
HSK 2-2- 2016	Short Term Certificate II HSK 2-2- 2016	26	16	61.54
HSK 3-1-2016	Diploma I HSK 3-1- 2016	18	15	83.33
M1725	Bachelor in Management Studies	47	28	59.57
L1015	Bachelor in Buisness Administration	45	36	80
L1016	Bachelor in Buisness Administration in LLB	44	39	88.64
Not Alloted	Integrated MSc in Basic Sciences	29	29	100
4.31/2014	Master in Marketing Management	86	76	88.37
4.27/2014	Master in Finance Management	100	95	95
4.30/2014	Master of Information Management	59	55	93.22
4.29/2014	Master in Human Resource Development Management	41	35	85.37
Not Alloted	Integrated MSc Basic Sciences	29	29	100
<b>2.7 Student Satisfaction Survey</b>				

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink) No Student Satisfaction Survey was conducted for the year 2016-17				
2.7.2 Number of students from other states and countries year wise during the academic year				
Students from Other States		Students from Other Countries		
430		10		
2.7.3 Number of Differently abled students on roll				
Total number of differently abled students on roll in the institution			Total number of students on roll in the institution	
29			8732	
<b>CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION</b>				
<b>3.1 Promotion of Research and Facilities</b>				
3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year				
	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Dr. Urvashi Manuprasad Pandya	UGC Research Fellowship Award 2012-14	09/01/2014	UGC
	Dr. Kishor Gaikwad	The Sir Dorabji Tata Trust	06/06/2016	The Sir Dorabji Tata Trust Mumbai
	Dr. Renu Modi	India-Africa Engagement in Agriculture Building Capacity Adding Value	01/03/2017	ICSSR
	Dr. Renu Modi	Indian Investment in Agriculture in East Africa	01/01/2017	ICHR
	Dr. Namita Nimbalkar	Heras Tata Fellowship	06/03/2016	Heras Institute of Indian History and Culture, Mumbai
	Dr. Priya M. Vaidya	Heras Tata Fellowship	06/03/2016	Heras Institute of Indian History and Culture, Mumbai
	Shakuntala Gawde	Heras Tata Fellowship	06/03/2016	Heras Institute of Indian History and Culture and the Sir Dorabji Tata Trust
	Dr. Renu Modi	India-Africa Engagement in Agriculture Building Capacity Adding Value	01/03/2017	ICSSR
	Dr. Renu Modi	Indian Investment in	01/01/2017	ICHR

		Agriculture in East Africa		
	Dr. Renu Modi	“E-Content Development” at UGC Human Resource Development Centre	16/12/2016	UGC Human Resource Development Centre
	Dr. Neelam Upadhyay	SERB Young Scientist	01/02/2017	DST-SERB
	Dr. Sreemoyee Sarkar	INSPIRE Faculty Award	29/04/2016	DST - INSPIRE
	Dr. P.C. Agarwal	NASI Senior Scientist	01/01/2017	NASI
	Dr. Gopal Krishna	NASI Senior Scientist	01/08/2017	NASI
	Dr. Vijay Singh	Raja Ramanna Fellowship	01/09/2016	Department of Atomic Energy
	Dr. Kavitha Rachineni	National Post Doctoral Fellowship	23/01/2017	DST-SERB
	Dr. Veera Mohana Rao	National Post Doctoral Fellowship	11/07/2016	DST-SERB
	Dr. Vaibhav Shukla	National Post Doctoral Fellowship	11/07/2016	DST-SERB
	Dr. Subhojit Sen	Ramalingaswami Fellowship	01/09/2016	Department of Biotechnology
	Dr. Siddhesh Ghag	INSPIRE Faculty Award	02/12/2016	DST - INSPIRE
	Dr. Sanved Kolekar	INSPIRE Faculty Award	19/03/2017	DST - INSPIRE
	Dr. Tripti Bameta	INSPIRE Faculty Award	09/09/2016	DST - INSPIRE
	Dr. Sinjan Choudhary	SERB Research Project	14/07/2016	DST - INSPIRE
	Dr. Aameya Bhagwat	Indo-Swedish (DST-VR) Project	01/05/2016	DST-SERB
	Dr. Sujit Tandel	BRNS Research Project Grant	01/04/2016	BRNS
	Dr. Mahendra Patil	SERB Research Project	01/04/2016	DST-SERB
International	Dipti Tambe	DAAD Research Fellowship	04/10/2017	German Academic Exchange Service
	Dr. Sudha Mohan	Sciences Po	10/02/2017	Sciences Po, Grenoble, France
	Juhi Thakkar	DAAD Fellowship	10/04/2017	German Academic Exchange Service

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year= 93		
Name of Research fellowship	Duration of fellowship	Funding agency
JRF (Rajiv Gandhi Centre for Contemporary Studies)	5 Years	UGC, New Delhi
SRF (Department of Arabic)	3 Years	UGC, N.Delhi
JRF (MANF) (Department of Arabic)	2 Years	UGC, N.Delhi
NON NET FELLOWSHIP (Department of Arabic)	5 Years	University of Mumbai, Mumbai
JRF (Department of Biotechnology)	5 Years	DST
JRF-SRF (Department of Chemistry)	5 Years	UGC
NET/Non-NET Research Fellowship (Department of Chemistry)	4 Years	UGC
JRF (Department of Chemistry)	2 Years	UGC (MRP) Major Research Project
JRF-SRF (Department of Chemistry)	3 Years	SERB-DST(Project Fellow)
JRF-SRF (Department of Chemistry)	5 Years	DST-INSPIRE(Project Fellow)
JRF (Department of Chemistry)	2 Years	Indofil Industries (Research Associate)
JRF (Department of Chemistry)	1 Years	Indofil Industries (Research Associate)
JRF (Department of Chemistry)	2 Years	Research Project(US Army)International Techonology Centre-Pacific, Tokyo Japan
JRF-SRF (Department of Chemistry)	3 Years	DST-PURSE
UGC Non-NET fellowship (Department of Computer Science)	11 Months	UGC
UGC Non- NET fellowship (Department of Computer Science)	6 Months	UGC
Departmental Fellowship (Department of Economics)	3 Years	University of Mumbai
JRF Department of Education	5 Years	UGC
PhD Non NET-Non GATE Fellowship (Department of English)	3 Years	UGC
Faculty Improvement Programme (Department of English)	3 Years	UGC
NON NET FELLOWSHIP (Department of French)	1 Year	UGC
Faculty Improvement Program (Department of Geography)	2 Years	University Grants Commission
UGC Research Fellowship Award-2012-14 (Department of Gujarati)	2 Years	UGC,New Delhi
ICHR DELHI (Department of History)	1 Years	ICHR DELHI
U G C SRF (Department of History)	1 Years	U G C , New delhi
Post-Doctoral (Department of Life Sciences)	2 Years	University of Mumbai
JRF (Department of Life Sciences)	4 Years	DST-Purse

RGNF (Department of Life Sciences)	4 Years	UGC
JRF (Department of Life Sciences)	4 Years	CSIR-UGC
SRF (Department of Life Sciences)	4 Years	UGC
POOL OFFICER (Department of Life Sciences)	3 Years	UNIVERSITY OF MUMBAI
DST- INSPIRE (Department of Life Sciences)	5 Years	DST
JRF (Department of Marathi)	2 Years	UGC
SRF (Department of Marathi)	2 Years	UGC
Research Associate (Department of Mathematics)	03 Years	UGC
SRF (Department of Mathematics)	03 Years	CSIR-UGC
JRF (Department of Music)	2 Years	UGC
JRF (Department of Physical Education)	22 Months	Ministry of Youth Affairs and Sports
SRF (Department of Philosophy)	3 Years	UGC
JRF (Department of Philosophy)	3 Years	UGC
JRF (Department of Physics)	2 Years	UGC
Vice Chancellors Fellowship (Department of Sanskrit)	1 Year	University of Mumbai
JRF (Department of Sociology)	5 Year	UGC

<b>3.2 Resource Mobilization for Research</b>				
3.2.1 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	Amount received during the year
Major projects (Department of Biophysics)	03 Years	DST PURSE	6392000	6392000
Major projects (Department of Biotechnology)	04 Years	BRNS	2439650	0
Major projects (Department of Biotechnology)	5 Years	DST	530000	106000
Major projects (Department of Biotechnology)	2 Months	MMR-EIS	142000	0
Major projects (Department of Chemistry)	1 Year	DST-SERB	550000	500000
Major projects (Department of Chemistry)	3 Years	DST-SERB	2468000	0
Major projects (Department of Chemistry)	2 Years	UGC	600000	0
Major projects (Department of Chemistry)	3 Years	DST-SERB	2901000	0
Major projects	3 Years	UGC	1330000	0

(Department of Chemistry)				
Major projects (Department of Civics & Politics)	01 Year	TRTI, Pune	950000	950000
Major projects (Department of Economics)	01 Year	Ministry of Tribal Development Department, GOM.	2150000	215000
Major projects (Department of Gujarati)	02 Years	UGC	200000	100000
Major projects (Department of Mathematics)	03 Years	UGC	1042500	0
Major projects (Department of Physical Education)	02 Years	Ministry of Youth Affairs and Sports,	1200000	0
Major projects (Department of Philosophy)	02 Years	Vishwakosh	180000	0
Major projects (Department of Physics)	03 Years	DAE/BRNS	2105500	482700
Major projects (Department of Physics)	04 Years	DAE/BRNS (Part 1)	10185000	2032000
Major projects (Department of Physics)	02 Years	UGC	600000	600000
Major projects (Department of Physics)	02 Years	UGC	600000	600000
Major projects (Department of Physics)	02 Years	UGC	600000	600000
Major projects (Department of Physics)	02 Years	UGC	600000	600000
Major projects (Department of Physics)	03 Years	DST/SERB	2988480	1340000
Major projects (Department of Physics)	03 Years	DST/SERB	3300000	1100000
Major projects (Centre for Nano Science & Nano Technology)	03 Years	DST-SERB	4029874	2761640
Major projects (Department of Urdu)	03 Years	UGC	1231000	780600
Minor Projects	6 Months	University of	25000	25000

(Department of Computer Science)		Mumbai		
Minor Projects (Department of Economics)	11 Months	Action Aid	150000	150000
Minor Projects (Ratnagiri Subcentre)	01 Year	Mumbai university	35000	35000
Minor Projects (Department of Sanskrit)	01 Year	Government of Maharashtra	240000	240000
Minor Projects (Department of Sanskrit)	01 Year	Government of Maharashtra	240000	240000
Minor Projects (UM-DAE Centre for Excellence in Basic Sciences)	3 years	DST-SERB	2624400	954800
Interdisciplinary Projects (Department of German)	FROM 2010 TILL DATE	German academic exchange service (Goettingen)	668000	668000
Industry sponsored Projects (Department of Chemistry)	2 Years	Indofil Chemicals Ltd.	1000000	1000000
Industry sponsored Projects (Department of Chemistry)	2 Years	Indofil Chemicals Ltd.	930000	930000
Industry sponsored Projects (Department of German)	SINCE 2012- TILL DATE	Vijay Sales	25000	25000
Projects sponsored by the University (Department of Chemistry)	1 Year	University of Mumbai	40000	40000
Projects sponsored by the University (Department of Chemistry)	1 Year	University of Mumbai	35000	35000
Projects sponsored by the University (Department of Chemistry)	1 Year	University of Mumbai	35000	35000
Projects sponsored by the University (Department of German)	1 Year	University of Mumbai	92000	92000
Projects sponsored by the University (Department of German)	1 Year	University of Mumbai	400000	114248



Projects sponsored by the University (Rajabai Tower Library, Fort)	1 Year	University of Mumbai	29000	29000
Projects sponsored by the University (Rajabai Tower Library, Fort)	1Year	University of Mumbai	25000	25000
Students Research Projects(other than compulsory by the University) (Department of German)	7 Months	German academic exchange service (Goettingen)	648000	648000
International Projects (Department of Chemistry)	2 Years	US Army International Technology Centre-Pacific, Tokyo, Japan	2307323	0
International Projects (Department of German)	1 Year	German academic exchange service (Goettingen)	668000	668000
Any othe (Department of Economics)	45 Days	McGraw Hill Education (India) Pvt. Ltd	6500	6500
<b>Total: 46</b>			59538227	25120488

### 3.3 Innovation Ecosystem

#### 3.3.1 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)
HR conclave: skilling talent for tomorrow, guiding management students	Alkesh Dinesh Mody Institute	24/09/2016
HR trends in current economy in associating with NIPM	Alkesh Dinesh Mody Institute	03/02/2017
Round table conference and mock interviews	Alkesh Dinesh Mody Institute	04/08/2017
Mock interviews	Alkesh Dinesh Mody Institute	23/09/2017
CEO and entrepreneurship talk	Alkesh Dinesh Mody Institute	01/10/2016
MTHR global learning agility from education to leadership development	Alkesh Dinesh Mody Institute	05/11/2016
International Conference on Entrepreneurship, Institution & Competitiveness: Challenges for Emerging Market Co.	Alkesh Dinesh Mody Institute	03/02/2017 to 04/02/2017
Lectures from IT Industry	Department of Computer Science	06/08/2016

Speakers: Mr. Vikrant Yadav				
Workshop: “Startup Co-founders Meet	Department of Computer Science		21/10/2016	
Placements Events by Companies: Bridgei2i (Banglore)	Department of Computer Science		15/12/2016	
Placements Events by Companies: Commtex Solutions Pvt. Ltd. (Mumbai)	Department of Computer Science		20/12/2016	
Placements Events by Companies: Net 4 Online	Department of Computer Science		04/01/2017	
Placements Events by Companies: Cerelabs	Department of Computer Science		10/01/2017	
Placements Events by Companies: Horizon Thane	Department of Computer Science		10/01/2017	
Placements Events by Companies: Quintiles IMS (Banglore & Mumbai)	Department of Computer Science		20/01/2017	
“GST and Its Implications for Maharashtra”,	Department of Economics		09/09/2016	
Measuring India’s Macroeconomy”,	Department of Economics		02/11/2016	
World Intellectual Property Day 2016 Digital Creativity : Culture Reimagined	Department of Law		25/04/2016	
Intellectual property rights emerging trends, global perspective	Department of Law		10/02/2017	
2 Days workshop on IPR	Thane Sub Centre		10/02/2017 to 11/02/2017	
Strategym – Business Convention	Jamnalal Bajaj Institute of Management Studies		07/03/2017 to 08/03/2017	
Entrepreneurship Summit (E- Confluence)	Jamnalal Bajaj Institute of Management Studies		11/03/2017	
Prabhav – Financial Conclave	Jamnalal Bajaj Institute of Management Studies		17/02/2017	
Prateksha – Executive programme Annual Event	Jamnalal Bajaj Institute of Management Studies		24/09/2016- 25/09/2016	
Prayag - MMS Annual Business Event	Jamnalal Bajaj Institute of Management Studies		23/02/2017	
Annual Alumini meet - for Industry Academia interface	Jamnalal Bajaj Institute of Management Studies		04/03/2017	
<b>3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year</b>				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Effect of mobile radiation on cornea: A Biophysical Study	Mr. Suraj Singh	University of Mumbai	24/12/2016	Science

Enzymatic Synthesis of Metal Nanoparticles	Mr. Bipin Khade	Indian Biophysical Society	25/03/2017	Science
Study of Physical Parameters in doped liquid Crystalline Material	Ms. Jessy P. J	UGC	15/03/2016	Maulana Azad National Fellowship
Nano-structured Catalysis for renewable hydrogen production	Mr. Suraj Gupta	Indian Association of Hydrogen Energy and Advanced Materials	17/03/2017	Young Scientist
Development of low cost CuTiOx photo catalyst composite for solar water splitting: Theoretical and Experimental Investigation	Ms. Asha Yadav	Department of Science and Technology	11/07/2017	Woman Scientist-A
Design, Synthesis and investigation of morphological dependent activity of cobalt based catalysis to improve the efficiency and efficacy of hydrogen production by electrolysis of water.	Ms. Avani Chundari	Department of Science and Technology	11/07/2017	Woman Scientist-A

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

Incubation Centre	Name	Sponsored by
J.B.I.M.S.	Bizorion	J.B.I.M.S.
Name of the Start-up	Nature of Start-up	Date of commencement
Bizorion	Business Application	19/11/2017

## 3.4 Research Publications and Awards

### 3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
Department of Biophysics	1
Department of Chemistry	9
Department of Communication and Journalism	2
Department of Commerce	3
Department of Civics & Politics	1
Department of Computer Science	5
Department of Economics	6
Centre for African Studies	4
Department of Education	14
Department of English	14
Department of Geography	2
Department of Gujarati	4

Department of Hindi	10
Department of History	8
Department of Kannada	5
Centre for Central Eurasian Studies	1
Department of Law	3
Department of Law	4
Department of Life Sciences	2
Department of Marathi	3
Department of Mathematics	6
Department of Physical Education	4
Department of Philosophy	10
Department of Physics	11
Department of Applied Psychology	4
Department of Sanskrit	2
Department of Sindhi	1
Department of Sociology	4
Department of Urdu	2
Rajabai Tower Library, Fort	3

#### 3.4.2 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Department of Biophysics	3	1
	Department of Chemistry	3	1
	Department of Communication and Journalism	3	3
	Department of Civics & Politics	3	0
	Department of Economics	8	0
	Centre for African Studies	1	0
	Department of Education	34	0
	Department of Geography	3	0
	Department of Gujarati	6	0
	Department of Hindi	16	0
	Department of Information Technology	1	4
	Department of Law	8	0
	Department of Life Sciences	3	0
	Department of Marathi	3	0
	Department of Music	1	0
	Centre for Extra Mural Studies	3	0
	Department of Physics	2	0
	Department of Applied Psychology	7	0
	Department of Sanskrit	4	0
	Department of Sociology	3	0
	Department of Urdu	23	4
	Rajabai Tower Library, Fort	10	0
	Jamnallal Bajaj Institute of Management Studies	3	0
International	Alkesh Dinesh Mody Institute	38	5
	Department of Biophysics	9	3

	Department of Biotechnology	3	2
	Department of Chemistry	36	3
	Department of Commerce	10	0
	Department of Civics & Politics	1	0
	Department of Economics	4	0
	Department of Education	8	0
	Department of English	3	0
	Department of Geography	4	0
	Department of History	9	0
	Department of Information Technology	2	2
	Department of Life Sciences	4	0
	Department of Marathi	1	0
	Department of Mathematics	4	1
	Department of Physical Education	1	0
	Centre for Extra Mural Studies	2	0
	Department of Persian	1	0
	Department of Physics	42	0
	Department of Statistics	2	0
	Centre for Nano Science & Nano Technology	16	3
	UM-DAE Centre for Excellence in Basic Sciences	57	0

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

Department	No. of publication
Alkesh Dinesh Mody Institute	5
Rajiv Gandhi Centre for Contemporary Studies	1
Department of Arabic	2
Department of Biophysics	2
Department of Biotechnology	2
Department of Commerce	14
Department of Civics & Politics	6
Department of Computer Science	2
Department of Economics	1
Centre for African Studies	18
Department of Education	14
Department of English	2
Department of Geography	3
Department of German	2
Department of Gujarati	1
Department of Hindi	20
Department of History	25
Department of Kannada	5
Centre for Central Eurasian Studies	4
Department of Law	10
Department of Linguistics	1
Department of Life Long Learning and Extension	3
Department of Marathi	6
Department of Music	10

Department of Physical Education	8
Department of Physical Education	10
Centre for Extra Mural Studies	1
Department of Persian	1
Department of Philosophy	21
Department of Physics	8
Department of Applied Psychology	4
Department of Sanskrit	2
Department of Sociology	3
Department of Statistics	1
Department of Urdu	26
Jamnalal Bajaj Institute of Management Studies	10

#### 3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/Filed	Patent Number	Date of Award
A low cost magnetite nanoparticle system for higher product efficiency in polymerase chain reaction (Department of Biotechnology)	Applied	21014468	13/05/2016
Isolation of (4, 4, 6a, 6b, 8a, 11, 12, 14b-octamethyl-2, 3, 4a, 5, 6, 7, 8, 9, 10, 11, 12,12a, 14 (Department of Chemistry)	Published	1580	01/01/2016
Isolation of (4,4,6a,6b,8a,11,12,14b-Octamethyl-2, 3, 4a, 5, 6, 7, 8, 9, 10, 11, 12, 12a, 14, 14a te (Department of Chemistry)	Published	2086	01/01/2016
Green synthesis of platinum nanoparticles using Ravenalamadagascariensis leaves extract (Department of Chemistry)	Published	3806	01/01/2016
Green synthesis of gold nanoparticles using Colocasiaesculentaleaves extract and their in-vitro anti (Department of Chemistry)	Published	4249	01/01/2016
Green synthesis of vanadium nanoparticles using mixtures of three herbal plants leaves extract (Department of Chemistry)	Published	3996	01/01/2016
Green synthesis of combined copper-nickel nanoparticles using mixtures of two herbal plants leaves ext (Department of Chemistry)	Published	3995	01/01/2016
Green synthesis of silver nanoparticles using Carica papaya	Published	4095	01/01/2016

leaves extract and there in-vitro antican (Department of Chemistry)			
Green synthesis of palladium nanoparticles using Carica papaya leaves extract and there in-vitro antic (Department of Chemistry)	Published	4247	01/01/2016
Green synthesis of selenium nanoparticles using Trigonellafoenumgraecum extract and there in-vitro ant (Department of Chemistry)	Published	164	01/01/2016
Biosynthesis of palladium nanoparticles by a process of reduction using a fungal strain of Aspergill (Department of Chemistry)	Published	4248	01/01/2016
Biosynthesis of platinum nanoparticles by a process of reduction using a fungal strain of Aspergillu (Department of Chemistry)	Published	3994	01/01/2016
Process of Preparing Fluorene Based Co-Polymers Containing Polyphenylene Substituted Dendronised Moi (Department of Chemistry)	Published	16768	01/01/2016
Process for The Synthesis of Polyphenylene Substituted Dendronised Framework Containing Fluorene Uni (Department of Chemistry)	Published	16769	01/01/2016
A process for the preparation of alkylthiazoloisoquinoline derivatives (Department of Chemistry)	Published	413	12/08/2016
A process for the preparation of cyclobutyldihydrothiazoloisoquinoline derivatives (Department of Chemistry)	Published	414	12/08/2016
A process for the preparation of hydroxyphenylphenylpropanedione derivatives (Department of Chemistry)	Published	442	12/08/2016
A new process for the preparation of 4-methoxy-7H-pyrido[2,3,4-kl]acridine, (Department of Chemistry)	Published	3598	20/05/2016
In vitro methods for determining alteration of bovine serum albumin environment (Department of Chemistry)	Published	948	30/09/2016

A process for synthesis and spectroscopic investigation of binding of 13a- (thiophen-2-yl)-5, 6-dihy (Department of Chemistry)	Published	1011	30/09/2016
A process for the synthesis of 10b- arylsubstitutedthiazolo [2,3-a] isoquinoline derivatives (Department of Chemistry)	Published	4213	07/01/2016
A process for synthesis of benzopyranypyrimidine derivatives,(Department of Chemistry)	Published	4052	24/06/2016
In vitro methods for determining alteration of bovine serum albumin environment (Department of Chemistry)	Published	3437	05/06/2016
A process for the preparation of hydroxyphenylphenylpropanedione derivatives (Department of Chemistry)	Published	3178	04/08/2016
A process for the preparation of glycine tetradecyl ester perchlorate ionic liquid crystal (Department of Chemistry)	Published	2929	25/03/2016
A process for the preparation of glycine tetradecyl ester tetrafluoroborate, (Department of Chemistry)	Published	2928	25/03/2016
A process for the preparation of glycine tetradecyl ester hydrogensulfate ionic liquid crystal. (Department of Chemistry)	Published	2925	03/05/2016
A process for the preparation of glycine tetradecyl ester hydrobromide ionic liquid crystal. (Department of Chemistry)	Published	2927	25/03/2016
A process for the preparation of glycine tetradecyl ester nitrate ionic liquid crystal, (Department of Chemistry)	Published	2926	25/03/2016
Rapid methods for determining binding between serum albumin and nevirapine, and anti-retroviral drug (Department of Chemistry)	Published	2681	18/03/2016
One pot synthesis of 2-amino-4,6- diarylpyrimidines using cesium hydroxide-alumina as a heterogeneous (Department of Chemistry)	Published	2850	18/03/2016
3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ 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
Myc-binding protein orthologue interact with AKAP240 in the central pair apparatus of the Chlamydomonas	Venkatramanan G. Rao, Ruhi B. Sarafdar, Twinkle S. Choudhary, Priyanka Sivadas, Pinfen Yang, Prabhak	BMC Cell Biology	2016	57	University of Mumbai	4
Novel Algorithm for coherence level measurement using R-R interval of ECG signal	Gurve, Dharmendra, H. Muthurajan, Prasad Karnik, Abjijit Deshpande, Alok Kumar Srivastava, Kingsuk Mukhopadhyay, N. Eswara Prasad, and P. M. Dongre	IEEE	2016	0	University of Mumbai	0
Elucidation of structural and functional properties of albumin bound to gold nanoparticles	Jessy M, S Sivakami, PM Dongre	J Biomole structure & Dynamics	2016	55	University of Mumbai	14
Interaction of zinc oxide nanoparticles with human red blood cells	P Sirsekar, N Kanhe, VL Mathe, YK Lahier, PM Dongre et al	Bioinano frontier	2016	0	University of Mumbai	1
Some biophysical and biochemical interactions of nanomaterials on protein oxidation in biological systems	YK Lahir, AV Chitre, PM Dongre	Report & Opinion	2016	0	University of Mumbai	0
Understanding the basic role of glycocalyx during cancer	YK Lahir	J Radiat & Cancer Res	2016	0	University of Mumbai	0
Role of Nanomaterial in development of	YK Lahir, M Samant PM Dongre	Global J Bioscience & Biotech	2016	0	University of Mumbai	0

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Effect of Nanomaterials on oxidative stress and protein oxidation in biological system.....	YK Lahir	Advances in Clinical Toxicology	2016	0	University of Mumbai	0
Albumin corona on nanoparticles—a strategic approach in drug delivery	J Mariam, S Sivakami, PM Dongre	Drug Delivery	2016	47	University of Mumbai	22
Implications of Volume Exclusion: A Look at Thermodynamic Perspective of DNA-Hemoglobin Complexes and Their Reconstitutes Under Macromolecular Crowding	PD Pal, PM Dongre, AV Chitre	Journal of Fluorescence	2016	61	University of Mumbai	0
Application of time and length scale concept in biological systems	Y.K.Lahir	Biochemical and Cellular Archives	2016	4	University of Mumbai	0
Some Aspects of Interactions between Nanomaterials and the Cytoskeleton of Eukaryotic cell	Y.K.Lahir	Advances in Clinical Toxicology	2016	0	University of Mumbai	0
Effect of Copper on the Generation Time and Antioxidant Potential of a Novel Isolate of Chlorella em	Sneha Sunil Sawant, Priyanka Murkute, A. M. Bhagwat, Varsha Kelkar Mane	International Journal of Pharmacy and Pharmaceutical Sciences;	2016	0	University of Mumbai	0
Nanosized Fe <sub>3</sub> O <sub>4</sub> an efficient PCR yield enhancer— Comparative study with Au, Ag nanoparticles	Priyanka Kambli, Varsha Kelkar-Mane	Colloids and Surfaces B: Biointerfaces	2016	118	University of Mumbai	6
Effect of TEOS plasma polymerization on	G. A. Arolkar, Salgo M. J., V. Kelkar-Mane,	RSC Advances	2016	96	University of Mumbai	7

corn starch/poly ( $\epsilon$ -caprolactone) film: characterization, properties and biodegradation	R. R. Deshmukh					
Synthesis, Photophysical and Electrochemical Studies of Acridone-Amine based Donor-Acceptors for Hole transport materials	Bharat K. Sharma, Azam M. Shaikh, Neeraj Agarwal and Rajesh M. Kamble	RSC Advances	2016	0	University of Mumbai	10
Synthesis and Optoelectronic Investigations of Triaryl amines based on naphtho [2,3-f]quinoxaline	Azam M. Shaikh, Bharat K. Sharma, Sajeesh Chacko and Rajesh M. Kamble	RSC Advances	2016	0	University of Mumbai	10
Synthesis and opto-electrochemical properties of tribenzo[a,c,i]phenazine derivatives for hole trans	Azam M. Shaikh, Bharat K. Sharma, Sajeesh Chacko and Rajesh M. Kamble	RSC Advances	2016	0	University of Mumbai	5
Novel electroluminescent donor-acceptors based on dibenzo [a, c] phenazine as hole-transporting materials for organic electronics	Azam M. Shaikh, Bharat K. Sharma, Sajeesh Chacko and Rajesh M. Kamble	New Journal of Chemistry	2017	0	University of Mumbai	6
Synthesis, Spectral, Electrochemical and Theoretical Investigation of indolo[2,3-b]quinoxaline dyes	Bharat K. Sharma, Azam M. Shaikh, Sajeesh Chacko and Rajesh M. Kamble	Journal of Chemical Sciences	2017	0	University of Mumbai	2
Penicillium chrysogenum immobilised silica: flame atomic absorption spectrometric Pb determination in industrial effluent, sludge and food	Karve, M., Choudhary, B	International Journal of Environmental Science and Technology	2017	0	University of Mumbai	1

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High-performance thin-layer chromatographic method for the determination of chlorpyrifos	D. S. Deshpande, D. K. Gadmale, S. M. Bakre and A. K. Srivastava	Journal of Planar Chromatography	2016	0	University of Mumbai	0
Simultaneous determination of ciprofloxacin and paracetamol by adsorptive stripping voltammetry using copper zinc ferrite nanoparticles modified carbon paste electrode	M. P. Kingsley, P. K. Kalambate and A. K. Srivastava	RSC Advances	2016	0	University of Mumbai	5
Voltammetric determination of pyrazinamide at graphene-zinc oxide nanocomposite modified carbon paste electrode employing differential pulse voltammetry	P. K. Kalambate, C. R. Rawool and A. K. Srivastava	Sensors and Actuators B	2016	0	University of Mumbai	5
Simultaneous voltammetric determination of paracetamol, cetirizine and phenylephrine using a multiwalled carbon nanotube-platinum nanoparticles nanocomposite modified carbon paste electrode	P. K. Kalambate and A. K. Srivastava	Sensors and Actuators B	2016	0	University of Mumbai	12
Performance of palladium nanoparticle-graphene composite as an efficient electrode material for electrochemical	R. A Dar, L. Giri, S. P. Karna and A. K. Srivastava	Electrochimica Acta	2016	0	University of Mumbai	4

double layer capacitors						
Synthesis and characterization of CdS nanocrystallites and OMWCNT-supported cadmium sulfide composite and their photocatalytic activity under visible light irradiation	A. S. Pawar, S. S. Garje and N. Revaprasadu	Materials Chemistry and Physics	2016	0	University of Mumbai	3
Zinc thiosemicarbazone complexes: Single source precursors for alkylamine capped ZnS nanoparticles.	A. S. Pawar, S. Mlowe, S. S. Garje, M. P. Akerman, N. Revaprasadu	Inorganic Chimica Acta	2017	0	University of Mumbai	4
Designing the morphology of PbS nanoparticles through a single source precursor method.	K. P. Mubiayi, N. Revaprasadu, S. S. Garje, M. J. Moloto	J. Saudi Chem. Soc.	2017	0	University of Mumbai	2
Transition metal mediated formation of dicationic diselenid es stabilised by N-heterocyclic carbenes: d	Sangeeta Yadav, Sudesh T. Manjare, Ray J. Butcher, Harkesh B. Singh	Dalton Trans	2016	0	University of Mumbai	6
Novel intramolecular $\pi$ - $\pi$ -interaction in a BODIPY system by oxidation of a single selenium center	Youngsam Kim, Taehong Jun, Sandip V. Mulay, Sudesh T. Manjare, Jinseong Kwak, Yunho Lee and David G	Dalton Trans.,	2017	0	University of Mumbai	4
Fungal Strain of Aspergillus Oryzae Immobilized on Silica Gel for Au(III) Sorption	Dnyaneshwar K. Kulal, Amol V. Pansare, Amol A. Shedge and Vishwanath R. Patil	European Chemical Bulletin	2016	0	University of Mumbai	0
hsDNA Minor	Amol V.	Dalton	2016	0	University	3

Groove Binding, Photocatalytic Activity, in vitro Breast and Colon Cancer Cell reducing function of greener SeNPs	Pansare, Dnyaneshwar K. Kulal, Amol A. Shedge and Vishwanath R. Patil	Transactions			of Mumbai	
Green synthesis of Anticancerous Honeycomb PtNPs clusters: their Alteration Effect on BSA and hsDNA	Amol V. Pansare, Dnyaneshwar K. Kulal, Amol A. Shedge, Vishwanath R. Patil	Journal of Photochemistry & Photobiology, B: Biology	2016	0	University of Mumbai	3
Efficient Green Synthesis of TiO <sub>2</sub> Nanoparticles Using <i>Murraya koenigii</i> Leaf Extract	N G Shimpi, S Shirole, Y Suryawanshi, S Mishra	Advances in Polymer Technology	2016	0	University of Mumbai	0
Room Temperature CO Sensing by Polyaniline/Co <sub>3</sub> O <sub>4</sub> Nanocomposites	N.G.Shimpi T.Sen and S. Mishra	Jouranal of Applied Polymer Science	2016	0	University of Mumbai	10
Synthesis of ZnO nanopencils using wet chemical method and its investigation as LPG sensor	N G Shimpi, S Jain, N Karmakar, A Shah, DC Kothari, S Mishra	Applied Surface Science	2016	0	University of Mumbai	14
High performance polyimide films hybrid nanostructures: Synthesis, characterization and its property	N Shimpi, D Hansora, S. Mishra	Polymer Composites	2016	0	University of Mumbai	0
Room temperature NO <sub>2</sub> gas sensing properties of p-toluenesulfonic acid doped silver-polypyrrole nanoc	N Karmakar, R Fernandes, Shilpa Jain, UV Patil, N G Shimpi, NV Bhat, DC Kothari	Sensors and Actuators Part B: Chemical	2017	0	University of Mumbai	10
Ammonia detection of 1-D ZnO/polypyrrole nanocomposite: Effect of CSA doping and their	Shilpa Jain, Narayan Karmakar, Akshara Shah, D.C. Kothari, Satyendra	Applied Surface Science	2017	0	University of Mumbai	11

structural, chemical, thermal and gas sensing behavior	Mishra, Navinchandra G Shimpi					
Research paper: Synthesis and Characterization of Co(II), Ni(II), Cu(II) and Pd(II) Complexes of 1-[	R. G. Deshmukh and A. K. Kadu	JCBPS; Section A;	2016	0	University of Mumbai	0
Tailor-Made Supramolecular Chirogenic System Based on C s-Symmetric Rigid Organophosphoric Acid Host and Amino Alcohols: Mechanistic Studies, Bulkiness Effect, and Chirality Sensing	Mohammed Hasan, Vaibhav N. Khose, Anita D. Pandey, Victor Borovkov, and Anil V. Karnik	Organic Letters	2016	0	University of Mumbai	7
Sui generis helicene-based supramolecular chirogenic system: Enantioselective sensing, solvent control, and application in chiral group transfer reaction	Mohammed Hasan, Vaibhav N. Khose, Victor Borovkov, and Anil V. Karnik	ACS Omega	2017	0	University of Mumbai	6
Synthesis of 3-arylamino-6-phenyl[1, 2, 4]triazolo[3,4-b][1, 3, 4]thiadiazine derivatives as potenti	Suyog Marathe and A. V. Karnik,	Chemistry of Heterocyclic Compounds	2017	0	University of Mumbai	2
Design, synthesis, and characterization of novel BINOL-based heterocyclic analogues as potential sensitivity	Suyog Marathe and A. V. Karnik	Synthetic Communications	2017	0	University of Mumbai	0
Chiral Benzimidazoles and their	Vaibhav N. Khose, Marina E. John, Anita	Tetrahedron: Asymmetry	2017	0	University of Mumbai	2

applications in stereo-discrimination processes.	D. Pandey and Anil V. Karnik.					
A simple 2, 6-bis (2-benzimidazole) pyridyl incorporated optical probe affording selective ratiometric targeting of biologically and environmentally significant Zn <sup>2+</sup> under buffer condition	SabirMashraqui, MukeshChandiramani, SushilGhorpade, RupeshMestri, AniketChilekar, JyotiUpadhyay.	Journal of inclusion phenomena and macrocyclic chemistry	2016	0	University of Mumbai	3
Domino reactions in drug design and discovery.	M M V Ramana, Shanta Bhar	Current Drug discovery Technology	2016	0	University of Mumbai	0
Environmentally benign and expedient synthesis of 1, 2-dialkylpyridazine-3, 6-dione derivatives	M M V Ramana, Sanjay C. Pawar	World Journal of Pharmaceutical Research	2016	0	University of Mumbai	0
Synthesis of novel steroidal N-substituted pyrimidine-2, 4-diones: A new entry to steroidal azaheter	M M V Ramana, Sanjay C. Pawar	World Journal of Pharmaceutical Research	2016	0	University of Mumbai	0
Emerging challenges of metropolitan governance in India	Pethe A	Economic and Political Weekly	2017	0	University of Mumbai	0
Legislative Impact on Land Markets in Cities: The Case of ULCRA in Mumbai and Its Repeal	Pethe A	Environment and Urbanization ASIA	2017	0	University of Mumbai	0
Rise of the new middle class in India and its changing structure	Hatekar N	Economic and Political Weekly	2017	0	University of Mumbai	2
Lacking in	Lalvani M	Economic	2016	0	University	0



substance		and Political Weekly			of Mumbai	
An investigation into intellectual capital efficiency and export performance of firms in India	Kamath, G.B.	International Journal of Learning and Intellectual Capital	2017	0	University of Mumbai	1
CPI to WPI causation: Empirical analysis of price indices in India	Patnaik A	Economic and Political Weekly	2016	1	University of Mumbai	1
Directed Learning: An Important Aspect of Academic Achievement	Karwande A.	Sanshodhan Chetana	2016	0	University of Mumbai	0
Study of Effectiveness of Self-Directed Learning Program in Developing Secondary School Students' Sc	Ms. Anuja Shetty, Karwande A.	Pillai's Journal of Educational Research and Technology (PJERT) Pillai's Journal of Educational Rese	2016	0	University of Mumbai	0
Capacity Building Of Students Working In Brick Kiln Wada Taluka: An Experimental Study	KamlakarPardhi, Karwande A.	Indian Streams Research Journal, International Recognized Multidisciplinary Research Journal	2016	0	University of Mumbai	0
A Study of Self-Regulated Learning Strategies of Secondary School Students in Relation to their Academics	Partole, S. N. and Thomas, S.	Educators Research Journal, 4(1)	2017	0	University of Mumbai	0
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Secondary School Students in Relation to their Lear						
Teacher Education: with a new perspectives	Karwande A.	Nirmal Publications	2017	0	University of Mumbai	0
Human Rights in Teaching Practices	Dr. Shefali Pandya	Partridge India Publishing	2016	0	University of Mumbai	0
Paulo Freire: Relevance to Indian Teacher Education	Dr. Shefali Pandya	USA : Lulu Publication, 2016	2016	0	University of Mumbai	0
Effect of Co-Operative Learning on Students' Academic Achievement in Different Grouping Formats	Yogita Mandole & Dr. Shefali Pandya	Golden Research Thoughts. Vol. 6, Issue 1. (Impact Factor 4.6052)	2016	0	University of Mumbai	0
A Study of Conceptions of Teaching and Learning and Ontological Beliefs of Prospective Teachers	Viraj Pandagale & Dr. Shefali Pandya	Sanshodhan Chetana, Vol 5, Issue I	2016	0	University of Mumbai	0
Effect of Co-Operative Learning on Students' Self-Regulation in Different Grouping Formats	Yogita Mandole & Dr. Shefali Pandya	Indian Streams Research Journal, Vol. 6, Issue VI. (Impact Factor 4.1625)	2016	0	University of Mumbai	0
A Study of Stress in Teacher Educators in Relation to their Efficacy and Organizational Commitment	Sangeeta Patkar & Dr. Shefali Pandya	Golden Research Thoughts. Vol. 6, Issue 1. (Impact Factor 4.6052)	2016	0	University of Mumbai	0
A Study of Stress in Teacher Educators in Relation to their Work Engagement and Organizational	Sangeeta Patkar & Dr. Shefali Pandya	Vidyawatra, Volume 4, Issue 15	2016	0	University of Mumbai	0

Commutations						
Interaction Effect of Co-Operative Learning Model and Students' Implicit Theory of Intelligence on S	Dr. Shefali Pandya	Golden Research Thoughts Vol. 6, Issue 2. (Impact Factor 4.6052)	2016	0	University of Mumbai	0
Academic Performance of Students as an Indicator of Organisational Effectiveness at the Post-Graduat	Dr. Shefali Pandya & R. K. Srivastava	Indian Streams Research Journal. Volume 6, Issue- 7. (Impact Factor 4.1625)	2016	0	University of Mumbai	0
Predicting Academic Achievement in Mathematics : Moderating Influence of Implicit Theory of Intellig	Dr. Shefali Pandya	Sanshodhan Chetana, Vol 5, Issue I	2016	0	University of Mumbai	0
Paulo Freire's Theory: Implications for Transformative Pedagogy in the Indian Context	Uday Mehta & Dr. Shefali Pandya	EduInspire: An International Peer-Reviewed E-Journal, Volume 3, Issue 2	2016	0	University of Mumbai	0
Peace Education: An Important aspect of Life	Magre S.	Scholarly Research Journals	2016	0	University of Mumbai	0
A Study of Constructivist Approach for enhancing Metacognitive Awareness among Secondary School Stud	Shinde & Magre S.	Upstream Research International Journal (URIJ)	2016	0	University of Mumbai	0
Constuctivist Approach :Strategy for Enhancing Academic Success	Shinde & Magre S.	Social Vision	2016	0	University of Mumbai	0
Effect of Brain Based Learning on	Kolhe & Magre S.	Sanshodhan Chetana	2016	0	University of Mumbai	0

Academic Success of B.Ed. students with their Learning Styles						
A Study of Secondary School Teachers Entrepreneurial Motivation in relation to their Entrepreneurialism	Tadvi & Magre S.	International Journal of Advance Research (IJAR)	2016	0	University of Mumbai	0
4 Multiple Intelligence an Approach to Facilitates Learning of Fractions	Parab & Magre S.	Beacon	2016	0	University of Mumbai	0
Two years B.Ed Programme – A SWOT Analysis	Wadhvani and Magre S.	National Conference Proceeding SSCE	2016	0	University of Mumbai	0
Effect of Brain Based Learning on Academic Success of B.Ed. Students	Kolhe & Magre S.	MES Publication Mumbai	2016	0	University of Mumbai	0
A Critical Analysis of the Primary School Curriculum	Pinto & Magre S.	MES Publication Mumbai	2016	0	University of Mumbai	0
Perception of Student-Teachers towards Reflective Journal Writing	Rodrics & Magre S.	MES Publication Mumbai	2016	0	University of Mumbai	0
Yoga: A Pathway for a Happy and Peaceful Life	Magre S.	Seminar proceedings	2016	0	University of Mumbai	0
Role of India in bringing Education Under One Roof	Magre S. & Shirole	SSCE Publication	2016	0	University of Mumbai	0
Peace Education	Rakhi Dingra, Magre S.	Sheth Publisher, Mumbai	2016	0	University of Mumbai	0
ICT And Academic Performance	Sandhya Khedekar, Magre S.	Lambart Academic Publishing House Germany	2016	0	University of Mumbai	0
Prospective Teachers' Conceptions of Teaching and Learning	Viraj Pandagale & Dr. Shefali Pandya	Review of Research	2016	0	University of Mumbai	0

Interaction Effect of Co-operative Learning Model and Students' Implicit Theory of Intelligence on S	Dr. Shefali Pandya	EdInspire : An International E-Journal	2016	0	University of Mumbai	0
Interactive Effect of Meta-Cognitive Language Learning Strategies-Based Instruction in English	Jaswanti Maru & Dr. Shefali Pandya	Golden Research Thoughts	2016	0	University of Mumbai	0
Factors Influencing Organisational Effectiveness in the Educational Sector	Dr. Shefali Pandya & R. K. Srivastava	Sydenham Management Review The International Research Journal	2016	0	University of Mumbai	0
Gender Difference in Organisational Effectiveness in Higher Education	Shefali Pandya & R. K. Srivastava	Journal of Youngish Teachers' Interaction Forum, Issue 5	2016	0	University of Mumbai	0
Interactive Effect of Life Skills Education Program and Socio-Economic Status of Students on their C	Rabiya Saboowala & Shefali Pandya	Indian Streams Research Journal	2017	0	University of Mumbai	0
Interactive Effect of Life Skills Education Program and Socio-Economic Status of Students	Rabiya Saboowala & Shefali Pandya	Golden Research Thoughts	2017	0	University of Mumbai	0
Interactive Effect of Life Skills Education Program and Psychological Well-Being of Students	Rabiya Saboowala & Shefali Pandya	Conflux Journal of Education	2016	0	University of Mumbai	0
Factors Influencing Students' Academic Performance in	Samidha Parab & Shefali Pandya	Educational Quest	2016	0	University of Mumbai	0

Mathematics						
Interactive Effect of Life Skills Education Program and Psychological Well-Being of Students on thei	Rabiya Saboowala & Shefali Pandya	The Asian Journal of Psychology and Education	2017	0	University of Mumbai	0
A Comparative Study of Students' Preferences for Learning Environment on the basis of their Hemisphe	Megha D'Souza & Shefali Pandya	Research Revolution. Volume V	2017	0	University of Mumbai	0
Trajectory of Students' Self Evaluation of Participation in Co-operative Learning : A Comparison by	Shefali Pandya	Educreator Research Journal	2017	0	University of Mumbai	0
Effect of Traditional and Co-operative Learning Approach on Student-Outcomes	Shefali Pandya	Scholarly Research Journal for Humanity Science & English Language.	2017	0	University of Mumbai	0
Relevance of Educational Thoughts of Paulo Freire : Perceived Meaning and Essence in the Indian Cont	Uday Mehta & Shefali Pandya	International Journal of Advanced Research in Education & Technology	2016	0	University of Mumbai	0
A Study of Junior College Students' Usage of Social Media in Relation to Their Educational Aspiratio	Ananthanarayan, Suman. & Pingle, Sudha	Asian Academic Research Journal of Social Sciences and Humanities	2016	0	University of Mumbai	0
Effectiveness of Life Skill Programme on Mental Health of Adolescent Students	Yadav, Shashikala & Pingle, Sudha	Research Demagogue: An International Indexed, Refereed & Peer	2016	0	University of Mumbai	0

		Reviewed Journal in Education				
Junior College Students' Usage of Social Networking Sites for their Personal and Academic work	Inchiparamban , Sandychris. & Pingle, Sudha	Research Tracks: An International Indexed, Refereed & Peer Reviewed Bi-Annual Journal in Education	2016	0	University of Mumbai	0
Usage of Social Networking Sites by Junior College Students: A Comparison Based on Socio-Economic Studies	Inchiparamban , Sandychris. & Pingle, Sudha	Research Demagogue: An International Indexed, Refereed & Peer Reviewed Journal in Education	2016	0	University of Mumbai	0
Development of Life Skills Programme And Study Its Effect on Life Skills Ability of Students	Yadav, Shashikala & Pingle, Sudha	Indian Streams Research Journal	2017	0	University of Mumbai	0
A Study of Block and Cluster Resource centers Performance under Sarva Shikhan Abhiyan	Koli, Sunil. & Pingle, Sudha	Shikshante el Marmadrishi	2016	0	University of Mumbai	0
Social Networking Sites: Their Historical Background and Areas of Research	Inchiparamban , Sandychris. & Pingle, Sudha	Mahatma Education Societies' Pillai HOC College of Education (PHCER) Academic Journal	2016	0	University of Mumbai	0
Massive Open Online Courses (MOOCs): Why do we need them?	Inchiparamban , Sandychris. & Pingle, Sudha	Emerging Trends in Digital Era through Educational Technology	2016	0	University of Mumbai	0
Cognitive Styles,	Bhopale,	Innovative	2016	0	University	0

Leadership Qualities and Self-esteem of Teacher Educators	Archana. & Pingle, Sudha	Practices: Pathways to Quality Assurance and Sustenance in Higher Education			of Mumbai	
Educational Apps for Effective Teaching and Learning	Pingle, Sudha	Innovative Practices: Pathways to Quality Assurance and Sustenance in Higher Education	2016	0	University of Mumbai	0
‘ Mumbai Metropolitan Region: Impact of Recent Urban Change on the Peri-urban Areas of Mumbai’	Aparna Phadke	Special Virtual Issue (SVA) Urban Studies	2015	1	University of Mumbai	11
Cyber Crime issues related to MEDJACK & Proactive Strategies to tackle it in the Indian Context	Nikhil Pawanikar	National Multidisciplinary Conference V-CMT 2017 India 2025: A Vision for Next Decade	2017	0	UDIT, University of Mumbai	0
Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	Nikhil Pawanikar	Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	2017	0	UDIT, University of Mumbai	0
Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	Mrs. R. Srivaramangai	Two Day Multidisciplinary	2017	0	UDIT, University of Mumbai	0



Pre-processing of MRI Images of Colorectal Cancer	Srivaramangai, Hiremath, Ajay. S. Patil	International Journal of Computer Science Issues (IJCSI)	2017	0	University of mumbai	0
The language issue (in Marathi)	AvinashPandey	Towards a meaningful education (in Marathi) edited volume	2016	0	University of Mumbai	0
Role of negative data and spoken corpora in corpus building	AvinashPandey & Kinjal Joshi	Computational Techniques in Information and Communication Technologies (ICCTICT)(IEEE)	2016	0	University of Mumbai	0
Genetic characterization of cow Bos indicus inhabiting in Marathwada region of Maharashtra using RAP	Neeti Kumar, B. L. Jadhav and Firdaus Quraishi	Bionano frontier	2016	0	University of Mumbai	0
In vitro study on glycation of plasma proteins with artificial sweeteners (sweeteners induced glyc)	Ali, A., Devrukhkar, J.	Acta Biologica Szegediensis	2016	0	University of Mumbai	0
Preventive Effect of Phenolic Acids on in vitro Glycation.	Banan, P., Ali, A.	Annals of Phytomedicine	2016	0	University of Mumbai	0
Green synthesis of silver nanoparticles using Barleria cristata.	Meenakshi K. and George Indu A	Research Journal of Biotechnology	2016	7	University of Mumbai	0
Bioreduction of Copper Sulphate using Amherstia	Meenakshi K and Indu A. George	Bionano Frontier	2016	0	University of Mumbai	0

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Salt Tolerance Study in <i>Abelmoschus moschatus</i> Medik L	Ruchita V. Rane and Indu A. George	Bionano Frontier	2016	0	University of Mumbai	0
Molecular profiling of some <i>Barleria</i> species using <i>rbcL</i> , <i>matK</i> gene sequences and RAPD markers.	Meenakshi K., Suruchi Jamkhedkar and Indu Anna George	Journal of Applied Horticulture	2016	0.192	University of Mumbai	0
Morita Contexts Which are Strongly pi-Regular	R. P. Deore	South East Asian Bull. Maths	2017	0	University of Mumbai, Mumbai	0
Evolution of planar and cylindrically symmetric magneto-acoustic waves in a van der Waals fluid	G. Madhumita	International J. Nonlinear Mechanics	2017	0	University of Mumbai, Mumbai	0
Development of finite difference formulation for non linear thermal analysis of thick annular disc	V.S.Kulkarni	International Journal of Modern Methods of Numerical Analysis	2016	0	University of Mumbai	2
Characterization of quasi-symmetric designs with eigenvalues of their block graphs	R. M. Pawale	Australasian Journal of Combinatorics	2017	0	University of Mumbai, Mumbai	1
“Like sugar in milk”: reconstructing the genetic history of the Parsi population (18-110)	K F Dalal et al	Genome Biology	2016	13.214	University of Mumbai	121
The Early Medieval Archaeology of the West Coast of India with Special Reference to the Excavations	KF Dalal	Essays in Maritime History Studies: Vol-III	2016	0	University of Mumbai	0
Explorations as an Adjunct to	K F Dalal	Essays in Honour of	2016	0	University of Mumbai	0

Excavations (Before, During & After): Chandore – A case study (16-26)		Prof Arvind Jamkhedkar: The Proceedings of the Workshop on Explorations in Mahar				
Excavations at the Medieval site of Chandore, Dist Raigad, Maharashtra (2011-2015) – A Prelimin	K F Dalal	Deccan: Culture, Heritage and Literature	2017	0	University of Mumbai	0
Headscratchers from Balathal: Enigmatic Indicators of the Second Urbanisation (242-249)	K F Dalal	Rethinking the Past: A Tribute to Professor V.N. Misra	2017	0	University of Mumbai	0
Optical Response of Mixed Molybdenum Dichalcogenides for Solar Cell Applications Using the Modified	Ushma Ahuja, Ritu Joshi, D.C. Kothari, Harpal Tiwari, K. Venugopalan	Zeitschrift fur Naturforsch ung Section A	2016	2	University of Mumbai	2
Nanomechanical characterisation of pervoskite nanocubes of Na <sub>0.5</sub> K <sub>0.5</sub> NbO <sub>3</sub> for fatigue analysis	D.M. Kapse, Chetan Gurada, Dhusyant Kothari, Atul Jadhav, H. Muthurajan, H.H. Kumar	Journal of Materials Science and Surface Engineering	2016	0	University of Mumbai	0
Physical vapor deposition of mixed-metal oxides based on Fe, Co and Ni as water oxidation catalysts	A. Mazzi, N. Bazzanella, M. Orlandi, R. Edla, N. Patel, R. Fernandes, A. Miotello	Materials Science in Semiconductor Processing	2016	0	University of Mumbai	0
Relativistic correlation effects on the x-ray spectra of Li-like ions	L. Natarajan	Physical Review A	2016	1	University of Mumbai	1

Enhanced H <sub>2</sub> production from hydrolysis of sodium borohydride using Co <sub>3</sub> O <sub>4</sub> nanoparticles assembled on carbon	R. Edla, S. Gupta, N. Patel, N. Bazzanella, R. Fernandes, D.C. Kothari, A. Miotello	Applied Catalysis A: General	2016	14	University of Mumbai	14
Gold Nanoparticles Supported on Fibrous Silica Nanospheres (KCC-1) as Efficient Heterogeneous Catalyst	Z. S. Qureshi, P. B. Sarawade, I. Hussain, H. Zhu, H. Al-Johani, D. H. Anjum, M. N. Hedhili, N. Mait	ChemCatChem	2016	21	University of Mumbai	21
Efficient Co-B-codoped TiO <sub>2</sub> photocatalyst for degradation of organic water pollutant under visible light	R. Jaiswal, N. Patel, Alpa Dashora, R. Fernandes, M. Yadav, R. Edla, R.S. Varma, D.C. Kothari, B.L.	Applied Catalysis B: Environmental	2016	5	University of Mumbai	5
Synthesis and Characterization of Cu and N Codoped RF-Sputtered TiO <sub>2</sub> Films: Photoluminescence Dynamics	Z. El Koura, M. Cazzanelli, N. Bazzanella, N. Patel, R. Fernandes, G. E. Arnaoutakis, A. Gakamsky, A.	Journal of Physical Chemistry C	2016	6	University of Mumbai	6
An experimental study to evaluate the antiosteoporotic effect of Panchatikta Ghrita in a steroid-induced rat model	Renuka Munshi, Tanvi Patil, Chetan Garuda, Dushyant Kothari	Indian Journal of Pharmacology	2016	0	University of Mumbai	0
NH <sub>3</sub> sensing properties of polyaniline: TiO <sub>2</sub> nanorods heterostructure	U. V. Patil, Niranjana S. Ramgir, A. K. Debnath, N. Karmakar, D. K. Aswal, D. C. Kothari and S. K. Gu	AIP Conference Proceedings	2016	1	University of Mumbai	1
Radiocarbon dating of charcoal samples from the Neolithic site of Mehargarh	Mayank N. Vahia, Pankaj Kumar,	Current Science	2016	4	University of Mumbai	4

Rakhigarhi, Haryana, India using accelerator mass spectr	Abhijeet Bhogale, D. C. Kothari, Sundeep Chopra, Vasant Shinde, Niles					
Porous versus Compact Nanosized Fe(III)-Based Water Oxidation Catalyst for Photoanodes Functionaliza	Michele Orlandi, Nicola Dalle Carbonare, Stefano Caramori, Carlo A. Bignozzi, Serena Berardi, Albert	ACS Applied Materials and Interfaces	2016	5	University of Mumbai	5
Co–Ni–B nanocatalyst for efficient hydrogen evolution reaction in wide pH range	S. Gupta, N. Patel, R. Fernandes, R. Kadrekar, Alpa Dashora, A.K. Yadav, D. Bhattacharyya, S.N. Jha,	Applied Catalysis B: Environmental	2016	44	University of Mumbai	44
Minute-made activated porous carbon from agro-waste for Li-ion battery anode using a low power micro	Shruti Agarkar, Poonam Yadav, Rohan Fernandes, Dushyant Kothari, Anil Suryawanshi, Satishchandra Oga	Electrochimica Acta	2016	9	University of Mumbai	9
Pulsed laser deposition of nanostructured Co-B-O thin films as efficient catalyst for hydrogen produ	H. Jadhav, A.K. Singh, N. Patel, R. Fernandes, S. Gupta, D.C. Kothari, A. Miotello, S. Sinha	Applied Surface Science	2016	5	University of Mumbai	5
Study of 2D MXene Cr <sub>2</sub> C material for hydrogen storage using density functional theory	A. Yadav, Alpa Dashora, N. Patel, A. Miotello, M. Press, D.C. Kothari	Applied Surface Science	2016	9	University of Mumbai	9
Dependence of photocatalysis on charge carrier separation in Ag-	RS Varma, N Thorat, R Fernandes, DC Kothari, N	Catalysis Science & Technology	2016	11	University of Mumbai	11

doped and decorated TiO <sub>2</sub> nanocomposites	Patel, A Miotello					
On the effect of Sn-doping in hematite anodes for oxygen evolution	Michele Orlandi, Alberto Mazzi, Giacomo Arban, Nicola Bazzanella, Paolo Rudatis, Stefano Caramori, N	Electrochimica Acta	2016	10	University of Mumbai	10
Study of the optical, thermal, and mechanical properties of nematic liquid crystal elastomers	Pradip Sarawade Santosh A Mani, Sameer U Hadkar, PJ Jessy, Suman Lal, Patrick Keller, Samriti Khosla	Journal of Information Display	2016	2	University of Mumbai	2
Effect of Confinement on Structural Stability and Electronic Structure	Balasaheb J. Nagare, Sunil Chavan	IRJET	2016	0	University of Mumbai	0
Transverse Single Asymmetry in p + P up to D + X	Rohini M Godbole, Abhiram Kaushik and Anuradha Misra	Phys.Rev. D	2016	7	University of Mumbai	7
Synthesis and opto-electrochemical properties of tribenzo [a, c, i] phenazine derivatives for hole transport materials	Shaikh, Azam M; Sharma, Bharat K; Chacko, Sajeev; Kamble, Rajesh M;	RSC Advances	2016	10	University of Mumbai	10
“Electron beam irradiation of ready to eat Indian cuisines for longer shelf life”	Shimmy Shankar, M.; Mulmule, Manoj; Bambole, Vaishali; Jamdar, Sahayog N.; Rawat, K.P	Journal of Radiation and Cancer Research;	2016	0	University of Mumbai	0
Digital Signal	Shrihari	International	2016	0	University	0

Processing of Optical Encoder for High Resolution Angular Measurement of X-Ray Diffraction	Shinde, Shirish Ghadigaonkar, Lalan Jaiswal, Abhishek Sakhare, Vaishali Bambole, H. Muthura	Journal of Engineering Technology, Management and Applied Sciences			of Mumbai	
Synthesis of ZnO nanopencils using wet chemical method and its investigation as LPG sensor	Navinchandra G Shimpi, Shilpa Jain, Narayan Karmakar, Akshara Shah, DC Kothari, Satyendra Mishra	Applied Surface Science	2016	14	University of Mumbai	14
Minute-made activated porous carbon from agro-waste for Li-ion battery anode using a low power micro	Shruti Agarkar, Poonam Yadav, Rohan Fernandes, Dushyant Kothari, Anil Suryawanshi, Satishchandra Oga	Electrochimica Acta	2016	9	University of Mumbai	9
Synthesis and characterization of MFe <sub>2</sub> O <sub>4</sub> (M = Co, Ni, Mn) magnetic nanoparticles for modulation o	Nooris Momin, Aparna Deshmukh, S. Radha	European BioPhysics Journal	2016	0	University of Mumbai	0
Synthesis, characterization and magnetic study of zinc ferrite nanoparticles	J. Mayekar, V. S. Dhar and S. Radha,	International Journal of Innovative Research in Science, Engineering and Technology (IJISRET)	2016	0	University of Mumbai	0
Optical properties and surface damage studies of crystalline silicon caused by swift iron ions	Dubey, S.K	Nuclear Instruments and Methods in Physics Research B (2016)	2016	0	University of Mumbai	0
Effect of Argon Ion Irradiation on Manganese Metal	Pradhan Nana, S. K. Dubey	Advanced Science Letters	2016	0	University of Mumbai	0

Deposited Gallium Antimonide Thin Films						
Comparative study of nanoparticles doped in Liquid Crystal Polymer System	Krishnakant G. Mishra, S.K. Dubey	Journal of Molecular Liquids	2016	2	University of Mumbai	0
Optical and structural properties of 100 MeV Fe <sup>9+</sup> ion irradiated InP	Dubey, RL; Dubey, SK; Bodhane, SP; Kanjilal, D;	AIP Conference Proceedings	2016	0	University of Mumbai	0
Surface Modification and Irradiation Strength of InP and GaP	Dubey, R. L. Dubey and S. K.;	International Journal of Chemical and Physical Sciences	2016	0	University of Mumbai	0
Role of solar wind speed and interplanetary magnetic field during two-step Forbush decreases caused by Interplanetary Coronal Mass Ejections	Ankush Bhaskar, Geeta Vichare, K. P. Arunbabu, Anil Raghav	Astrophysics and Space Science	2016	5	University of Mumbai	5
Estimation of Parameters of Skew Log Laplace Distribution	V.U. Dixit and P.P.Khandeparkar	American Journal of Mathematical and Management Sciences	2016	0	University of Mumbai	0
Tests For The Skewness Parameter Of Two Piece Double Exponential Distribution In The Presence Of Nuisance Parameters	Leela Subramanian and V.U. Dixit	Statistics	2017	0	University of Mumbai	0
Graphene derivative As a Highly Efficient Nitrosonium Source: A Reusable Catalyst for Diazotization	Pethsangave Dattatray, Khose Rahul, Chaskar Atul, Jun Seong Chan, Some Suraji	Chemistry Select	2016	3	University of Mumbai	3
An efficient and	Kamlesh S.	<i>Chemistry</i>	2017	0	University	0



metal free synthesis of $\alpha$ -ketoesters via oxidative cross coupling of arylglyoxals with alcohols.	Vadagaonkar, Hanuman P. Kalmode, Suresh Shinde, Atul C. Chaskar,*	<i>Select</i>			of Mumbai	
Oxidative Cyclization of Amidoximes and Thiohydroxamic Acids: A Facile and Efficient Strategy for Ac	Jatin Lade, Bhausheb Patil, Kamlesh Vadagaonkar, Lucio Melone, Atul Chaskar	Tetrahedron Letters	2017	5	University of Mumbai	5
The remarkable journey of catalysts from stoichiometric to catalytic quantity for Allyltrimethylsil	Jatin J. Lade, Sachin D. Pardeshi, Kamlesh S. Vadagaonkar Kaliyappan Murugan and Atul C. Chaskar	RSC Advances	2017	1	University of Mumbai	1
Metal-Free Dehomologative Oxidation of Arylacetic Acids for the Synthesis of Aryl Carboxylic Acids	Hanuman P. Kalmode, Kamlesh S. Vadagaonkar, Suresh Shinde, Atul C. Chaskar	Journal Organic Chemistry	2017	10	University of Mumbai	10
Sulfur ion concentration dependent morphological evolution of CdS thin films and its subsequent effect	Archana Kamble, Bhavesh Sinha, Ganesh Agawane, Sharad Vanalakar, In young Kim, Jin Young Kim, Sampat	Physical Chemistry Chemical Physics	2016	0	University of Mumbai	0
Large magnetic entropy change at cryogenic temperature in rare earth HoN nanoparticles	KP Shinde, SH Jang, M Ranot, BB Sinha, JW Kim, KC Chung	RSC Advances	2016	1	University of Mumbai	1
Monodispersed wurtzite Cu <sub>2</sub> SnS <sub>3</sub> nanocrystals by phosphine and oleylamine free	Archana Kamble, Bhavesh Sinha, Sharad Vanalakar,	Cryst EngComm	2016	11	University of Mumbai	11

facile heat-up technology	Ganesh Agawane, Myeng Gil Gang, Jin Young Kim,					
Effect of Na doping on structure, morphology and properties of hydrothermally grown one dimensional TiO <sub>2</sub> nanorod structures	S. Shalini, N. Prabavathy, R. Balasundaraprabhu, T. Satish Kumar, Pravin Walke, S. Prasanna, Dhayala	Journal of Materials Science: Materials in Electronics	2017	3	University of Mumbai	3
Enhanced NO <sub>2</sub> response of hydrothermally grown Ti doped WO <sub>3</sub> nanostructures	V.B. Patil, N. L. Tarwal, S. H. Mujawar, I. S. Mulla, P. S. Walke, S. S. Suryavanshi	Journal of Materials Science: Materials in Electronics	2017	0	University of Mumbai	0
Unusual enhancement in the electroreduction of oxygen by NiCoPt by surface tunability through potential cycling	Moorthi Lokanathan, Indrajit M. Patil, Alhasan Kabiru Usman, Anita Swami, Pravin Walke, M. Navaneeth	RSC Advances	2017	3	University of Mumbai	0
Effect of solvents in the extraction and stability of anthocyanin from the petals of Caesalpinia pulcherrima for natural dye sensitized solar cell applications	N. Prabavathy, S. Shalini, R. Balasundaraprabhu, Dhayalan Velauthapillai, S. Prasanna, Pravin Walke,	Journal of Materials Science: Materials in Electronics	2017	3	University of Mumbai	0
Enhanced Hydrogen Evolution Reactions on Nanostructured Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) Electrocatalyst	Renuka V. Digraskar, Balaji B. Mulik, Pravin S. Walke, Anil V. Ghule, Bhaskar R. Sathe	Applied Surface Science	2017	2	University of Mumbai	0
Synthesis, Structure and Magnetic Properties of	Aslam Hossain, Uma Dutta, Pravin S. Walke,	Journal of Magnetism and Magnetic	2017	2	University of Mumbai	0

Nanostructured La <sub>1-x</sub> A <sub>x</sub> Fe <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>3</sub> (A = Ca, Sr and P)	Natalia E. Mordvinova, Oleg I. Lebedev, Bhavesh Sinha,	Materials				
Ultranano-crystalline diamond decoration on to the single wall carbon nano tubes	Bhavesh Sinha, Datta Late and Suhas M Jejurikar	Applied Surface Science	2017	0	University of Mumbai	0
Evidence of robust 2D transport and Efros-Shklovskii variable range hopping in disordered topological	Biplab Bhattacharyya, Alka Sharma, Bhavesh Sinha, Kunjal Shah, Suhas Jejurikar, T. D. Senguttuvan	Nature Scientific Reports	2017	0	University of Mumbai	0

#### 3.4.6 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
Myc-binding protein orthologue interact with AKAP240 in the central pair apparatus of the Chlamydomo	Venkatramana n G. Rao, Ruhi B. Sarafdar, Twinkle S. Choudhary, Priyanka Sivadas, Pinfen Yang, Prabhak	BMC Cell Biology	2016	Not Applicable	4	University of Mumbai
Novel Algorithm for coherence level measurement using R-R interval of ECG signal	Gurve, Dharmendra, H. Muthurajan, Prasad Karnik, Abjijit Deshpande, Alok Kumar Srivastava, Kingsuk Mukhopadhyay, N. Eswara Prasad, and P. M. Dongre	IEEE	2016	Not Applicable	0	University of Mumbai

Elucidation of structural and functional properties of albumin bound to gold nanoparticles	Jessy M , S Sivakami, PM Dongre	J Biomole structure & Dynamics	2016	Not Applicable	14	University of Mumbai
Interaction of zinc oxide nanoparticles with human red blood cells	P Sirsekar, N Kanhe, VL Mathe, YK Lahier, PM Dongre et al	Bioinano frontier	2016	Not Applicable	1	University of Mumbai
some biophysical and biochemical interactions of nanomaterials on protein oxidation in biological system	YK Lahir, AV Chitre, PM Dongre	Report & Opinion	2016	Not Applicable	0	University of Mumbai
Understanding the basic role of glycocalyx during cancer	YK Lahir	J Radiat & Cancer Res	2016	Not Applicable	0	University of Mumbai
Role of Nanomaterial in development of biosensors	YK Lahir, M Samant PM Dongre	Global J Bioscience & Biotech	2016	Not Applicable	0	University of Mumbai
Effect of Nanomaterials on oxidative stress and protein oxidation in biological system.....	YK Lahir	Advances in Clinical Toxicology	2016	Not Applicable	0	University of Mumbai
Albumin corona on nanoparticles –a strategic approach in drug delivery	J Mariam, S Sivakami, PM Dongre	Drug Delivery	2016	Not Applicable	22	University of Mumbai

Implications of Volume Exclusion: A Look at Thermodynamic Perspective of DNA-Hemoglobin Complexes and Their Reconstitutes Under Macromolecular Crowding	PD Pal, PM Dongre, AV Chitre	Journal of Fluorescence	2016	Not Applicable	0	University of Mumbai
Application of time and length scale concept in biological systems	Y.K.Lahir	Biochemical and Cellular Archives	2016	Not Applicable	0	University of Mumbai
Some Aspects of Interactions between Nanomaterials and the Cytoskeleton of Eukaryotic cell	Y.K.Lahir	Advances in Clinical Toxicology	2016	Not Applicable	0	University of Mumbai
Effect of Copper on the Generation Time and Antioxidant Potential of a Novel Isolate of Chlorella em	Sneha Sunil Sawant, Priyanka Murkute, A. M. Bhagwat, Varsha Kelkar Mane	International Journal of Pharmacy and Pharmaceutical Sciences;	2016	Not Applicable	0	University of Mumbai
Nanosized Fe <sub>3</sub> O <sub>4</sub> an efficient PCR yield enhancer—Comparative study with Au, Ag nanoparticles	Priyanka Kambli, Varsha Kelkar-Mane	Colloids and Surfaces B: Biointerfaces	2016	Not Applicable	6	University of Mumbai

Effect of TEOS plasma polymerization on corn starch/poly ( $\epsilon$ -caprolactone) film: characterization, properties and biodegradation	G. A. Arolkar, Salgo M. J., V. Kelkar-Mane, R. R. Deshmukh	RSC Advances	2016	Not Applicable	7	University of Mumbai
Synthesis, Photophysical and Electrochemical Studies of Acridone-Amine based Donor-Acceptors for Hole transport materials	Bharat K. Sharma, Azam M. Shaikh, Neeraj Agarwal and Rajesh M. Kamble	RSC Advances	2016	Not Applicable	10	University of Mumbai
Synthesis and Optoelectronic Investigations of Triarylamines based on naphtho [2,3-f]quinoxaline	Azam M. Shaikh, Bharat K. Sharma, Sajeesh Chacko and Rajesh M. Kamble	RSC Advances	2016	Not Applicable	10	University of Mumbai
Synthesis and optoelectrochemical properties of tribenzo[a,c,i]phenazine derivatives for hole transport	Azam M. Shaikh, Bharat K. Sharma, Sajeesh Chacko and Rajesh M. Kamble	RSC Advances	2016	Not Applicable	5	University of Mumbai
Novel electroluminescent donor-	Azam M. Shaikh, Bharat K. Sharma,	New Journal of Chemistry	2017	Not Applicable	6	University of Mumbai

acceptors based on dibenzo [a, c] phenazine as hole-transporting materials for organic electronics	SajeevChacko and Rajesh M. Kamble					
Synthesis, Spectral, Electrochemical and Theoretical Investigation of indolo[2,3-b]quinoxaline dyes	Bharat K. Sharma, Azam M. Shaikh, SajeevChacko and Rajesh M. Kamble	Journal of Chemical Sciences	2017	Not Applicable	2	University of Mumbai
Penicillium chrysogenum immobilised silica: flame atomic absorption spectrometric Pb determination in industrial effluent, sludge and food samples	Karve, M., Choudhary, B	International Journal of Environmental Science and Technology	2017	Not Applicable	1	University of Mumbai
High-performance thin-layer chromatographic method for the determination of chlorpyrifos	D. S. Deshpande, D. K. Gadmale, S. M. Bakre and A. K. Srivastava	Journal of Planar Chromatography	2016	Not Applicable	0	University of Mumbai
Simultaneous determination of ciprofloxacin and paracetamol by adsorptive	M. P. Kingsley, P. K. Kalambate and A. K. Srivastava	RSC Advances	2016	Not Applicable	5	University of Mumbai

stripping voltammetry using copper zinc ferrite nanoparticles modified carbon paste electrode						
Voltammetric determination of pyrazinamide at graphene-zinc oxide nanocomposite modified carbon paste electrode employing differential pulse voltammetry	P. K. Kalambate, C. R. Rawool and A. K. Srivastava	Sensors and Actuators B	2016	Not Applicable	5	University of Mumbai
Simultaneous voltammetric determination of paracetamol, cetirizine and phenylephrine using a multiwalled carbon nanotube-platinum nanoparticles nanocomposite modified carbon paste electrode	P. K. Kalambate and A. K. Srivastava	Sensors and Actuators B	2016	Not Applicable	12	University of Mumbai
Performance of palladium nanoparticle-graphene composite as an efficient electrode material for	R. A Dar, L. Giri, S. P. Karna and A. K. Srivastava	Electrochimica Acta	2016	Not Applicable	4	University of Mumbai



electrochemical double layer capacitors						
Synthesis and characterization of CdS nanocrystallites and OMWCNT-supported cadmium sulfide composite and their photocatalytic activity under visible light irradiation	A. S. Pawar, S. S. Garje and N. Revaprasadu	Materials Chemistry and Physics	2016	Not Applicable	3	University of Mumbai
Zinc thiosemicarbazone complexes: Single source precursors for alkylamine capped ZnS nanoparticles	A. S. Pawar, S. Mlowe, S. S. Garje, M. P. Akerman, N. Revaprasadu	Inorganic Chimica Acta	2017	Not Applicable	4	University of Mumbai
Designing the morphology of PbS nanoparticles through a single source precursor method.	K. P. Mubiayi, N. Revaprasadu, S. S. Garje, M. J. Moloto	J. Saudi Chem. Soc.	2017	Not Applicable	2	University of Mumbai
Transition metal mediated formation of dicationic diselenides stabilised by N-heterocyclic carbenes: d	Sangeeta Yadav, Sudesh T. Manjare, Ray J. Butcher, Harkesh B. Singh	Dalton Trans	2016	Not Applicable	6	University of Mumbai

Novel intramolecular $\pi$ - $\pi$ -interaction in a BODIPY system by oxidation of a single selenium center	Youngsam Kim, Taehong Jun, Sandip V. Mulay, Sudesh T. Manjare, Jinseong Kwak, Yunho Lee and David G	Dalton Trans.	2017	Not Applicable	4	University of Mumbai
Fungal Strain of <i>Aspergillus Oryzae</i> Immobilized on Silica Gel for Au(III) Sorption	Dnyaneshwar K. Kulal, Amol V. Pansare, Amol A. Shedge and Vishwanath R. Patil	European Chemical Bulletin	2016	Not Applicable	0	University of Mumbai
hsDNA Minor Groove Binding, Photocatalytic Activity, in vitro Breast and Colon Cancer Cell reducing function of greener SeNPs	Amol V. Pansare, Dnyaneshwar K. Kulal, Amol A. Shedge and Vishwanath R. Patil	Dalton Transactions	2016	Not Applicable	3	University of Mumbai
Green synthesis of Anticancerous Honeycomb PtNPs clusters: their Alteration Effect on BSA and hsDNA	Amol V. Pansare, Dnyaneshwar K. Kulal, Amol A. Shedge, Vishwanath R. Patil	Journal of Photochemistry & Photobiology, B: Biology	2016	Not Applicable	3	University of Mumbai
Efficient Green Synthesis of TiO <sub>2</sub> Nanoparticles Using <i>Murraya koenigii</i> Leaf	N G Shimpi, S Shirole, Y Suryawanshi, S Mishra	Advances in Polymer Technology	2016	Not Applicable	0	University of Mumbai

Extract						
Room Temperature CO Sensing by Polyaniline/Co <sub>3</sub> O <sub>4</sub> Nanocomposites	N.G.Shimpi T.Sen and S. Mishra	Jouranal of Applied Polymer Science	2016	Not Applicable	10	University of Mumbai
Synthesis of ZnO nanopencils using wet chemical method and its investigation as LPG sensor	N G Shimpi, S Jain, N Karmakar, A Shah, DC Kothari, S Mishra	Applied Surface Science	2016	Not Applicable	14	University of Mumbai
High performance polyimide films hybrid nanostructures: Synthesis, characterization and its property	N Shimpi, D Hansora, S. Mishra	Polymer Composites	2016	Not Applicable	0	University of Mumbai
Room temperature NO <sub>2</sub> gas sensing properties of p-toluenesulfonic acid doped silver-polypyrrole nanoc	N Karmakar, R Fernandes, Shilpa Jain, UV Patil, N G Shimpi, NV Bhat, DC Kothari	Sensors and Actuators Part B: Chemical	2017	Not Applicable	10	University of Mumbai
Ammonia detection of 1-D ZnO/polypyrrole nanocomposite: Effect of CSA doping and their structural, chemical,	Shilpa Jain, Narayan Karmakar, Akshara Shah, D.C. Kothari, Satyendra Mishra, Navinchandra G Shimpi	Applied Surface Science	2017	Not Applicable	11	University of Mumbai

thermal and gas sensing behavior						
Research paper: Synthesis and Characterization of Co(II), Ni(II), Cu(II) and Pd(II) Complexes of 1-[	R. G. Deshmukh and A. K. Kadu	JCBPS; Section A;	2016	Not Applicable	0	University of Mumbai
Tailor-Made Supramolecular Chirogenic System Based on C <sub>s</sub> -Symmetric Rigid Organophosphoric Acid Host and Amino Alcohols: Mechanistic Studies, Bulkiness Effect, and Chirality Sensing	Mohammed Hasan, Vaibhav N. Khose, Anita D. Pandey, Victor Borovkov, and Anil V. Karnik	Organic Letters	2016	Not Applicable	7	University of Mumbai
Sui generis helicene-based supramolecular chirogenic system: Enantioselective sensing, solvent control, and application in chiral group transfer reaction	Mohammed Hasan, Vaibhav N. Khose, Victor Borovkov, and Anil V. Karnik	ACS Omega	2017	Not Applicable	6	University of Mumbai
Synthesis of 3-arylamino-6-phenyl[1,2,	Suyog Marathe and A. V. Karnik,	Chemistry of Heterocyclic	2017	Not Applicable	2	University of Mumbai

4]triazolo[3, 4-b][1, 3, 4]thiadiazine derivatives as potenti		Compounds				
Design, synthesis, and characterization of novel BINOL-based heterocyclic analogues as potential sensitivity	SuyogMarathe and A.V. Karnik	Synthetic Communications	2017	Not Applicable	0	University of Mumbai
Chiral Benzimidazoles and their applications in stereodiscrimination processes.	Vaibhav N. Khose, Marina E. John, Anita D. Pandey and Anil V. Karnik.	Tetrahedron: Asymmetry	2017	Not Applicable	2	University of Mumbai
A simple 2, 6-bis (2-benzimidazole) pyridyl incorporated optical probe affording selective ratiometric targeting of biologically and environmentally significant Zn <sup>2+</sup> under buffer condition	SabirMashraqui, MukeshChandiramani, SushilGhorpade, RupeshMestri, AniketChilekar, JyotiUpadhyay.	Journal of inclusion phenomena and macrocyclic chemistry	2016	Not Applicable	3	University of Mumbai
Domino reactions in drug design and discovery.	M M V Ramana, Shanta Bhar	Current Drug discovery Technology	2016	Not Applicable	0	University of Mumbai
Environmentally benign and expedient synthesis of	M M V Ramana, Sanjay C. Pawar	World Journal of Pharmaceutical Research	2016	Not Applicable	0	University of Mumbai

1, 2-dialkylpyridazine-3, 6-dione derivatives						
Synthesis of novel steroidal N-substituted pyrimidine-2, 4-diones: A new entry to steroidal azaheter	M M V Ramana, Sanjay C. Pawar	World Journal of Pharmaceutical Research	2016	Not Applicable	0	University of Mumbai
Emerging challenges of metropolitan governance in India	Pethe A	Economic and Political Weekly	2017	Not Applicable	0	UOM
Legislative Impact on Land Markets in Cities: The Case of ULCRA in Mumbai and Its Repeal	Pethe A	Environment and Urbanization ASIA	2017	Not Applicable	0	UoM
Rise of the new middle class in India and its changing structure	Hatekar N	Economic and Political Weekly	2017	Not Applicable	2	UoM
Lacking in substance	Lalvani M	Economic and Political Weekly	2016	Not Applicable	0	UoM
An investigation into intellectual capital efficiency and export performance of firms in India	Kamath, G.B.	International Journal of Learning and Intellectual Capital	2017	Not Applicable	1	UoM
CPI to WPI causation: Empirical analysis of	Patnaik A	Economic and Political Weekly	2016	Not Applicable	1	UoM

price indices in India						
Directed Learning: An Important Aspect of Academic Achievement	Karwande A.	Sanshodhan Chetana	2016	Not Applicable	0	University of Mumbai
Study of Effectiveness of Self-Directed Learning Program in Developing Secondary School Students' Sc	Ms. Anuja Shetty, Karwande A.	Pillai's Journal of Educational Research and Technology (PJERT) Pillai's Journal of Educational Rese	2016	Not Applicable	0	University of Mumbai
Capacity Building Of Students Working In Brick Kiln Wada Taluka: An Experimental Study	KamlakarPardhi, Karwande A.	Indian Streams Research Journal, International Recognized Multidisciplinary Research Journal	2016	Not Applicable	0	University of Mumbai
A Study of Self-Regulated Learning Strategies of Secondary School Students in Relation to their Academics	Partole, S. N. and Thomas, S.	Educators Research Journal, 4(1)	2017	Not Applicable	0	University of Mumbai
A Study of Self-Regulated Learning Strategies of Secondary School Students in Relation to their Lear	Partole, S. N. and Thomas, S.	Indian Streams Research Journal, 7(2)	2017	Not Applicable	0	University of Mumbai

Teacher Education: with a new perspectives	Karwande A.	Nirmal Publications	2017	Not Applicable	0	University of Mumbai
Human Rights in Teaching Practices	Dr. Shefali Pandya	Partridge India Publishing	2016	Not Applicable	0	University of Mumbai
Paulo Freire: Relevance to Indian Teacher Education	Dr. Shefali Pandya	USA : Lulu Publication, 2016	2016	Not Applicable	0	University of Mumbai
Effect of Co-Operative Learning on Students' Academic Achievement in Different Grouping Formats	Yogita Mandole & Dr. Shefali Pandya	Golden Research Thoughts. Vol. 6, Issue 1. (Impact Factor 4.6052)	2016	Not Applicable	0	University of Mumbai
A Study of Conceptions of Teaching and Learning and Ontological Beliefs of Prospective Teachers	Viraj Pandagale & Dr. Shefali Pandya	Sanshodhan Chetana, Vol 5, Issue I	2016	Not Applicable	0	University of Mumbai
Effect of Co-Operative Learning on Students' Self-Regulation in Different Grouping Formats	Yogita Mandole & Dr. Shefali Pandya	Indian Streams Research Journal, Vol. 6, Issue VI. (Impact Factor 4.1625)	2016	Not Applicable	0	University of Mumbai
A Study of Stress in Teacher Educators in Relation to their Efficacy and Organizational Commitment	Sangeeta Patkar & Dr. Shefali Pandya	Golden Research Thoughts. Vol. 6, Issue 1. (Impact Factor 4.6052)	2016	Not Applicable	0	University of Mumbai
A Study of	Sangeeta	Vidyawatra,	2016	Not	0	University of



Stress in Teacher Educators in Relation to their Work Engagement and Organizational Commitments	Patkar & Dr. Shefali Pandya	Volume 4, Issue 15		Applicable		Mumbai
Interaction Effect of Co-Operative Learning Model and Students' Implicit Theory of Intelligence on S	Dr. Shefali Pandya	Golden Research Thoughts Vol. 6, Issue 2. (Impact Factor 4.6052)	2016	Not Applicable	0	University of Mumbai
Academic Performance of Students as an Indicator of Organizational Effectiveness at the Post-Graduate	Dr. Shefali Pandya & R. K. Srivastava	Indian Streams Research Journal. Volume 6, Issue- 7. (Impact Factor 4.1625)	2016	Not Applicable	0	University of Mumbai
Predicting Academic Achievement in Mathematics : Moderating Influence of Implicit Theory of Intelligence	Dr. Shefali Pandya	Sanshodhan Chetana, Vol 5, Issue I	2016	Not Applicable	0	University of Mumbai
Paulo Freire's Theory: Implications for Transformative Pedagogy in the Indian Context	Uday Mehta & Dr. Shefali Pandya	EduInspire: An International Peer-Reviewed E-Journal, Volume 3, Issue 2	2016	Not Applicable	0	University of Mumbai
Peace	Magre S.	Scholarly	2016	Not	0	University of

Education: An Important aspect of Life		Research Journals		Applicable		Mumbai
A Study of Constructivist Approach for enhancing Metacognitive Awareness among Secondary School Stud	Shinde & Magre S.	Upstream Research Internationa l Journal (URIJ)	2016	Not Applicable	0	University of Mumbai
Constrictivist Approach :Strategy for Enhancing Academic Success	Shinde & Magre S.	Social Vision	2016	Not Applicable	0	University of Mumbai
Effect of Brain Based Learning on Academic Success of B.Ed. students with their Learning Styles	Kolhe & Magre S.	Sanshodhan Chetana	2016	Not Applicable	0	University of Mumbai
A Study of Secondary School Teachers Entrepreneur ial Motivation in relation to their Entrepreneur ialism	Tadvi & Magre S.	Internationa l Journal of Advance Research (IJAR)	2016	Not Applicable	0	University of Mumbai
4 Multiple Intelligence an Approach to Facilitates Learning of Fractions	Parab & Magre S.	BEACON	2016	Not Applicable	0	University of Mumbai
Two years B.Ed Programme	Wadhvani and Magre S.	National Conference Procending	2016	Not Applicable	0	University of Mumbai

– A SWOT Analysis		SSCE				
Effect of Brain Based Learning on Academic Success of B.Ed. Students	Kolhe & Magre S.	MES Publication Mumbai	2016	Not Applicable	0	University of Mumbai
A Critical Analysis of the Primary School Curriculum	Pinto & Magre S.	MES Publication Mumbai	2016	Not Applicable	0	University of Mumbai
Perception of Student-Teachers towards Reflective Journal Writing	Rodrics & Magre S.	MES Publication Mumbai	2016	Not Applicable	0	University of Mumbai
Yoga: A Pathway for a Happy and Peaceful Life	Magre S.	Seminar proceedings	2016	Not Applicable	0	University of Mumbai
Role of India in bringing Education Under One Roof	Magre S. & Shirole	SSCE Publication	2016	Not Applicable	0	University of Mumbai
Peace Education	Rakhi Dingra, Magre S.	Sheth Publisher, Mumbai	2016	Not Applicable	0	University of Mumbai
ICT And Academic Performance	Sandhya Khedekar, Magre S.	Lambart Academic Publishing House Germany	2016	Not Applicable	0	University of Mumbai
Prospective Teachers' Conceptions of Teaching and Learning	Viraj Pandagale & Dr. Shefali Pandya	Review of Research	2016	Not Applicable	0	University of Mumbai
Interaction Effect of Co-operative Learning Model and Students' Implicit Theory of	Dr. Shefali Pandya	EdInspire : An International E-Journal	2016	Not Applicable	0	University of Mumbai

Intelligence on S						
Interactive Effect of Meta-Cognitive Language Learning Strategies-Based Instruction in English	Jaswanti Maru & Dr. Shefali Pandya	Golden Research Thoughts	2016	Not Applicable	0	University of Mumbai
Factors Influencing Organisational Effectiveness in the Educational Sector	Dr. Shefali Pandya & R. K. Srivastava	Sydenham Management Review The International Research Journal	2016	Not Applicable	0	University of Mumbai
Gender Difference in Organisational Effectiveness in Higher Education	Shefali Pandya & R. K. Srivastava	Journal of Youngish Teachers' Interaction Forum, Issue 5	2016	Not Applicable	0	University of Mumbai
Interactive Effect of Life Skills Education Program and Socio-Economic Status of Students on their C	Rabiya Saboowala & Shefali Pandya	Indian Streams Research Journal	2017	Not Applicable	0	University of Mumbai
Interactive Effect of Life Skills Education Program and Socio-Economic Status of Students	Rabiya Saboowala & Shefali Pandya	Golden Research Thoughts	2017	Not Applicable	0	University of Mumbai
Interactive Effect of Life Skills Education Program and	Rabiya Saboowala & Shefali Pandya	Conflux Journal of Education	2016	Not Applicable	0	University of Mumbai

Psychological Well-Being of Students						
Factors Influencing Students' Academic Performance in Mathematics	Samidha Parab & Shefali Pandya	Educational Quest	2016	Not Applicable	0	University of Mumbai
Interactive Effect of Life Skills Education Program and Psychological Well-Being of Students on the	Rabiya Saboowala & Shefali Pandya	The Asian Journal of Psychology and Education	2017	Not Applicable	0	University of Mumbai
A Comparative Study of Students' Preferences for Learning Environment on the basis of their Hemisphere	Megha D'Souza & Shefali Pandya	Research Revolution. Volume V	2017	Not Applicable	0	University of Mumbai
Trajectory of Students' Self Evaluation of Participation in Co-operative Learning : A Comparison by	Shefali Pandya	Educreator Research Journal	2017	Not Applicable	0	University of Mumbai
Effect of Traditional and Co-operative Learning Approach on Student-Outcomes	Shefali Pandya	Scholarly Research Journal for Humanity Science & English Language.	2017	Not Applicable	0	University of Mumbai
Relevance of Educational Thoughts of	Uday Mehta & Shefali Pandya	International Journal of Advanced	2016	Not Applicable	0	University of Mumbai

Paulo Freire : Perceived Meaning and Essence in the Indian Cont		Research in Education & Technology				
A Study of Junior College Students' Usage of Social Media in Relation to Their Educational Aspiratio	Ananthanarayan, Suman. & Pingle, Sudha	Asian Academic Research Journal of Social Sciences and Humanities	2016	Not Applicable	0	University of Mumbai
Effectiveness of Life Skill Programme on Mental Health of Adolescent Students	Yadav, Shashikala & Pingle, Sudha	Research Demagogue : An International Indexed, Refereed & Peer Reviewed Journal in Education	2016	Not Applicable	0	University of Mumbai
Junior College Students' Usage of Social Networking Sites for their Personal and Academic work	Inchiparamban, Sandychris. & Pingle, Sudha	Research Tracks: An International Indexed, Refereed & Peer Reviewed Bi-Annual Journal in Education	2016	Not Applicable	0	University of Mumbai
Usage of Social Networking Sites by Junior College Students: A Comparison Based on Socio-Economic Studies	Inchiparamban, Sandychris. & Pingle, Sudha	Research Demagogue : An International Indexed, Refereed & Peer Reviewed Journal in Education	2016	Not Applicable	0	University of Mumbai
Development of Life Skills	Yadav, Shashikala &	Indian Streams	2017	Not	0	University of Mumbai

Programme And Study Its Effect on Life Skills Ability of Students	Pingle, Sudha	Research Journal		Applicable		
A Study of Block and Cluster Resource centers Performance under Sarva Shikhan Abhiyan	Koli, Sunil. & Pingle, Sudha	Shiskshante el Marmadrishi	2016	Not Applicable	0	University of Mumbai
Social Networking Sites: Their Historical Background and Areas of Research	Inchiparamban, Sandychris. & Pingle, Sudha	Mahatma Education Societies' Pillai HOC College of Education (PHCER) Academic Journal	2016	Not Applicable	0	University of Mumbai
Massive Open Online Courses (MOOCs): Why do we need them?	Inchiparamban, Sandychris. & Pingle, Sudha	Emerging Trends in Digital Era through Educational Technology	2016	Not Applicable	0	University of Mumbai
Cognitive Styles, Leadership Qualities and Self-esteem of Teacher Educators	Bhopale, Archana. & Pingle, Sudha	Innovative Practices: Pathways to Quality Assurance and Sustenance in Higher Education	2016	Not Applicable	0	University of Mumbai
Educational Apps for Effective Teaching and Learning	Pingle, Sudha	Innovative Practices: Pathways to Quality Assurance and Sustenance in Higher Education	2016	Not Applicable	0	University of Mumbai
‘ Mumbai Metropolitan Region:	Aparna Phadke	Special Virtual Issue (SVA)	2015	Not Applicable	11	University of Mumbai

Impact of Recent Urban Change on the Peri-urban Areas of Mumbai'		Urban Studies				
Cyber Crime issues related to MEDJACK & Proactive Strategies to tackle it in the Indian Context	Nikhil Pawanikar	National Multidisciplinary Conference V-CMT 2017 India 2025: A Vision for Next Decade	2017	Not Applicable	0	UDIT, University of Mumbai
Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	Nikhil Pawanikar	Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	2017	Not Applicable	0	UDIT, University of Mumbai
Internet of Things (IoT): A Survey of Applications and Security Issues Regarding its Implementation	Mrs. R. Srivaramangai	Two Day Multidisciplinary	2017	Not Applicable	0	UDIT, University of Mumbai
Pre-processing of MRI Images of Colorectal Cancer	Srivaramangai, Hiremath, Ajay. S. Patil	International Journal of Computer Science Issues (IJCSI)	2017	Not Applicable	0	University of Mumbai
The language issue (in Marathi)	Avinash Pandey	Towards a meaningful education (in Marathi) edited volume	2016	Not Applicable	0	University of Mumbai



Role of negative data and spoken corpora in corpus building	AvinashPande y&Kinjal Joshi	Computatio nal Techniques in Information and Communica tion Technologe s (ICCTICT)( IEEE)	2016	Not Applicable	0	University of Mumbai
Genetic characterizati on of cow Bos indicus inhabiting in Marathwada region of Maharashtra using RAP	Neeti Kumar, B. L. Jadhav and Firdaus Quraishi	Bionano frontier	2016	Not Applicable	0	University of Mumbai
In vitro study on glycation of plasma proteins with artificial sweeteners (sweeteners induced glyc	Ali, A., Devrukhkar, J.	Acta Biologica Szegediensi s	2016	Not Applicable	0	University of Mumbai
Preventive Effect of Phenolic Acids on in vitro Glycation.	Banan, P., Ali, A.	Annals of Phytomedici ne	2016	Not Applicable	0	University of Mumbai
Green synthesis of silver nanoparticles using Barleria cristata.	Meenakshi K. and George Indu A	Research Journal of Biotechnolo gy	2016	Not Applicable	0	University of Mumbai
Bioreduction of Copper Sulphate using Amherstia nobilis.	Meenakshi K and Indu A. George	Bionano Frontier	2016	Not Applicable	0	University of Mumbai
Salt Tolerance	Ruchita V. Rane and Indu	Bionano Frontier	2016	Not	0	University of Mumbai

Study in Abelmuschus moschatus Medik L	A. George			Applicable		
Molecular profiling of some Barleria species using rbcL, matK gene sequences and RAPD markers.	Meenakshi K., Suruchi Jamkhedkar and Indu Anna George	Journal of Applied Horticulture	2016	Not Applicable	0	University of Mumbai
Morita Contexts Which are Strongly pi-Regular	R. P. Deore	South East Asian Bull. Maths	2017	Not Applicable	0	University of Mumbai, Mumbai
Evolution of planar and cylindrically symmetric magneto-acoustic waves in a van der Waals fluid	G. Madhumita	International J. Nonlinear Mechanics	2017	Not Applicable	0	University of Mumbai, Mumbai
Development of finite difference formulation for non linear thermal analysis of thick annular disc	V.S.Kulkarni	International Journal of Modern Methods of Numerical Analysis	2016	Not Applicable	2	University of Mumbai
Characterization of quasi-symmetric designs with eigenvalues of their block graphs	R. M. Pawale	Australasian Journal of Combinatorics	2017	Not Applicable	1	University of Mumbai, Mumbai
“Like sugar in milk”: reconstructing the genetic history of the Parsi	K F Dalal et al	Genome Biology	2016	Not Applicable	121	University of Mumbai

population (18-110)						
The Early Medieval Archaeology of the West Coast of India with Special Reference to the Excavations	KF Dalal	Essays in Maritime History Studies: Vol-III	2016	Not Applicable	0	University of Mumbai
Explorations as an Adjunct to Excavations (Before, During & After): Chandore – A case study (16-26)	K F Dalal	Essays in Honour of Prof Arvind Jamkhedkar : The Proceedings of the Workshop on Explorations in Mahar	2016	Not Applicable	0	University of Mumbai
Excavations at the Medieval site of Chandore, Dist Raigad, Maharashtra (2011-2015) – A Prelimin	K F Dalal	Deccan: Culture, Heritage and Literature	2017	Not Applicable	NA	University of Mumbai
Headscratches from Balathal: Enigmatic Indicators of the Second Urbanisation (242-249)	K F Dalal	Rethinking the Past: A Tribute to Professor V.N. Misra	2017	Not Applicable	NA	University of Mumbai
Optical Response of Mixed Molybdenum Dichalcogenides for Solar Cell Applications Using the Modified	Ushma Ahuja, Ritu Joshi, D.C. Kothari, Harpal Tiwari, K. Venugopalan	Zeitschrift fur Naturforschung Section A	2016	Not Applicable	2	University of Mumbai
Nanomechan	D.M. Kapse,	Journal of	2016	Not	0	University of

ical characterisation of pervoskite nanocubes of Na <sub>0.5</sub> K <sub>0.5</sub> NbO <sub>3</sub> for fatigue analysis	Chetan Gurada, Dhusyant Kothari, Atul Jadhav, H. Muthurajan, H.H. Kumar	Materials Science and Surface Engineering		Applicable		Mumbai
Physical vapor deposition of mixed-metal oxides based on Fe, Co and Ni as water oxidation catalysts	A. Mazzi, N. Bazzanella, M. Orlandi, R. Edla, N. Patel, R. Fernandes, A. Miotello	Materials Science in Semiconductor Processing	2016	Not Applicable	0	University of Mumbai
Relativistic correlation effects on the x-ray spectra of Li-like ions	L. Natarajan	Physical Review A	2016	Not Applicable	1	University of Mumbai
Enhanced H <sub>2</sub> production from hydrolysis of sodium borohydride using Co <sub>3</sub> O <sub>4</sub> nanoparticles assembled on Co	R. Edla, S. Gupta, N. Patel, N. Bazzanella, R. Fernandes, D.C. Kothari, A. Miotello	Applied Catalysis A: General	2016	Not Applicable	14	University of Mumbai
Gold Nanoparticles Supported on Fibrous Silica Nanospheres (KCC-1) as Efficient Heterogeneous Catalyst	Z. S. Qureshi, P. B. Sarawade, I. Hussain, H. Zhu, H. Al-Johani, D. H. Anjum, M. N. Hedhili, N. Mait	ChemCatChem	2016	Not Applicable	21	University of Mumbai
Efficient Co-B-codoped TiO <sub>2</sub> photocatalyst for	R. Jaiswal, N. Patel, Alpa Dashora, R. Fernandes, M. Yadav, R.	Applied Catalysis B: Environmental	2016	Not Applicable	5	University of Mumbai

degradation of organic water pollutant under visible I	Edla, R.S. Varma, D.C. Kothari, B.L.					
Synthesis and Characterization of Cu and N Codoped RF-Sputtered TiO <sub>2</sub> Films: Photoluminescence Dynamics	Z. El Koura, M. Cazzanelli, N. Bazzanella, N. Patel, R. Fernandes, G. E. Arnaoutakis, A. Gakamsky, A	Journal of Physical Chemistry C	2016	Not Applicable	6	University of Mumbai
An experimental study to evaluate the antiosteoporotic effect of Panchatikta Ghrita in a steroid-induced	Renuka Munshi, Tanvi Patil, Chetan Garuda, Dushyant Kothari	Indian Journal of Pharmacology	2016	Not Applicable	0	University of Mumbai
NH <sub>3</sub> sensing properties polyaniline: TiO <sub>2</sub> nanorods heterostructure	U. V. Patil, Niranjan S. Ramgir, A. K. Debnath, N. Karmakar, D. K. Aswal, D. C. Kothari and S. K. Gu	AIP Conference Proceedings	2016	Not Applicable	1	University of Mumbai
Radiocarbon dating of charcoal samples from Rakhigarhi, Haryana, India using accelerator mass spectrometry	Mayank N. Vahia, Pankaj Kumar, Abhijeet Bhogale, D. C. Kothari, Sundeep Chopra, Vasant Shinde, Niles	Current Science	2016	Not Applicable	4	University of Mumbai
Porous versus Compact Nanosized Fe(III)-Based Water Oxidation	Michele Orlandi, Nicola Dalle Carbonare, Stefano Caramori, Carlo A.	ACS Applied Materials and Interfaces	2016	Not Applicable	5	University of Mumbai

Catalyst for Photoanodes Functionaliza	Bignozzi, Serena Berardi, Albert					
Co-Ni-B nanocatalyst for efficient hydrogen evolution reaction in wide pH range	S. Gupta, N. Patel, R. Fernandes, R. Kadrekar, Alpa Dashora, A.K. Yadav, D. Bhattacharyya, S.N. Jha,	Applied Catalysis B: Environmental	2016	Not Applicable	44	University of Mumbai
Minute-made activated porous carbon from agro-waste for Li-ion battery anode using a low power micro	Shruti Agarkar, Poonam Yadav, Rohan Fernandes, Dushyant Kothari, Anil Suryawanshi, Satishchandra Oga	Electrochimica Acta	2016	Not Applicable	9	University of Mumbai
Pulsed laser deposition of nanostructured Co-B-O thin films as efficient catalyst for hydrogen produ	H. Jadhav, A.K. Singh, N. Patel, R. Fernandes, S. Gupta, D.C. Kothari, A. Miotello, S. Sinha	Applied Surface Science	2016	Not Applicable	5	University of Mumbai
Study of 2D MXene Cr <sub>2</sub> C material for hydrogen storage using density functional theory	A. Yadav, Alpa Dashora, N. Patel, A. Miotello, M. Press, D.C. Kothari	Applied Surface Science	2016	Not Applicable	9	University of Mumbai
Dependence of photocatalysis on charge carrier separation in Ag-doped and decorated TiO <sub>2</sub>	RS Varma, N Thorat, R Fernandes, DC Kothari, N Patel, A Miotello	Catalysis Science & Technology	2016	Not Applicable	11	University of Mumbai

nanocomposites						
On the effect of Sn-doping in hematite anodes for oxygen evolution	Michele Orlandi, Alberto Mazzi, Giacomo Arban, Nicola Bazzanella, Paolo Rudatis, Stefano Caramori, N	Electrochimica Acta	2016	Not Applicable	10	University of Mumbai
Study of the optical, thermal, and mechanical properties of nematic liquid crystal elastomers	Pradip Sarawade Santosh A Mani, Sameer U Hadkar, PJ Jessy, Suman Lal, Patrick Keller, Samriti Khosla	Journal of Information Display	2016	Not Applicable	2	University of Mumbai
Effect of Confinement on Structural Stability and Electronic Structure	Balasaheb J. Nagare, Sunil Chavan	IRJET	2016	Not Applicable	0	University of Mumbai
Transverse Single Asymmetry in $p + p$ to $D + X$	Rohini M Godbole, Abhiram Kaushik and Anuradha Misra	Phys.Rev. D	2016	Not Applicable	7	University of Mumbai
Synthesis and opto-electrochemical properties of tribenzo [a, c, i] phenazine derivatives for hole transport materials	Shaikh, Azam M; Sharma, Bharat K; Chacko, Sajeev; Kamble, Rajesh M;	RSC Advances	2016	Not Applicable	10	University of Mumbai
“Electron beam irradiation of ready to eat Indian cuisines for	Shimmy Shankar, M.; Mulmule, Manoj; Bambole, Vaishali;	Journal of Radiation and Cancer Research;	2016	Not Applicable	0	University of Mumbai

longer shelf life”	Jamdar, Sahayog N.; Rawat, K.P					
Digital Signal Processing of Optical Encoder for High Resolution Angular Measurement of X-Ray Diffraction	Shrihari Shinde, Shirish Ghadigaonkar, Lalan Jaiswal, Abhishek Sakhare, Vaishali Bambole, H. Muthura	International Journal of Engineering Technology, Management and Applied Sciences	2016	Not Applicable	0	University of Mumbai
Synthesis of ZnO nanopencils using wet chemical method and its investigation as LPG sensor	Navinchandra G Shimpi, Shilpa Jain, Narayan Karmakar, Akshara Shah, DC Kothari, Satyendra Mishra	Applied Surface Science	2016	Not Applicable	14	University of Mumbai
Minute-made activated porous carbon from agro-waste for Li-ion battery anode using a low power micro	Shruti Agarkar, Poonam Yadav, Rohan Fernandes, Dushyant Kothari, Anil Suryawanshi, Satishchandra Oga	Electrochimica Acta	2016	Not Applicable	9	University of Mumbai
Synthesis and characterization of MFe <sub>2</sub> O <sub>4</sub> (M = Co, Ni, Mn) magnetic nanoparticles for modulation o	Nooris Momin, Aparna Deshmukh, S. Radha	European BioPhysics Journal	2016	Not Applicable	0	University of Mumbai
Synthesis, characterization and magnetic study of zinc ferrite	J. Mayekar, V. S. Dhar and S. Radha,	International Journal of Innovative Research in Science, Engineering	2016	Not Applicable	0	University of Mumbai



nanoparticles		and Technology (IJISRET)				
Optical properties and surface damage studies of crystalline silicon caused by swift iron ions	Dubey, S.K	Nuclear Instruments and Methods in Physics Research B (2016)	2016	Not Applicable	0	University of Mumbai
Effect of Argon Ion Irradiation on Manganese Metal Deposited Gallium Antimonide Thin Films	Pradhan Nana, S. K. Dubey	Advanced Science Letters	2016	Not Applicable	0	University of Mumbai
Comparative study of nanoparticles doped in Liquid Crystal Polymer System	Krishnakant G. Mishra, S.K. Dubey	Journal of Molecular Liquids	2016	Not Applicable	0	University of Mumbai
Optical and structural properties of 100 MeV Fe <sup>9+</sup> ion irradiated InP	Dubey, RL; Dubey, SK; Bodhane, SP; Kanjilal, D;	AIP Conference Proceedings	2016	Not Applicable	0	University of Mumbai
Surface Modification and Irradiation Strength of InP and GaP	Dubey, R. L. Dubey and S. K.;	International Journal of Chemical and Physical Sciences	2016	Not Applicable	0	University of Mumbai
Role of solar wind speed and interplanetary magnetic field during two-step	Ankush Bhaskar, Geeta Vichare, K. P. Arunbabu, Anil Raghav	Astrophysics and Space Science	2016	Not Applicable	5	University of Mumbai

Forbush decreases caused by Interplanetary Coronal Mass Ejections						
Estimation of Parameters of Skew Log Laplace Distribution	V.U. Dixit and P.P.Khandeparkar	American Journal of Mathematical and Management Sciences	2016	Not Applicable	0	University of Mumbai
Tests For The Skewness Parameter Of Two Piece Double Exponential Distribution In The Presence Of Nuisance Parameters	Leela Subramanian and V.U. Dixit	Statistics	2017	Not Applicable	0	University of Mumbai
Graphene derivative As a Highly Efficient Nitrosonium Source: A Reusable Catalyst for Diazotization	Pethsangave Dattatray, Khose Rahul, Chaskar Atul, Jun Seong Chan, Some Suraji	Chemistry Select	2016	Not Applicable	3	University of Mumbai
An efficient and metal free synthesis of $\alpha$ -ketoesters via oxidative cross coupling of arylglyoxals with alcohols.	Kamlesh S. Vadagaonkar, Hanuman P. Kalmode, Suresh Shinde, Atul C. Chaskar,*	<i>Chemistry Select</i>	2017	Not Applicable	0	University of Mumbai
Oxidative Cyclization of Amidoximes and Thiohydroxi	Jatin Lade, Bhausahab Patil, Kamlesh Vadagaonkar, Lucio Melone, Atul Chaskar	Tetrahedron Letters	2017	Not Applicable	5	University of Mumbai

mic Acids: A Facile and Efficient Strategy for Ac						
The remarkable journey of catalysts from stoichiometric to catalytic quantity for Allyltrimethylsil	Jatin J. Lade, Sachin D. Pardeshi, Kamlesh S. Vadagaonkar, Kaliyappan Murugan and Atul C. Chaskar	RSC Advances	2017	Not Applicable	1	University of Mumbai
Metal-Free Dehomologative Oxidation of Arylacetic Acids for the Synthesis of Aryl Carboxylic Acids	Hanuman P. Kalmode, Kamlesh S. Vadagaonkar, Suresh Shinde, Atul C. Chaskar	Journal Organic Chemistry	2017	Not Applicable	10	University of Mumbai
Sulfur ion concentration dependent morphological evolution of CdS thin films and its subsequent effect	Archana Kamble, Bhavesh Sinha, Ganesh Agawane, Sharad Vanalakar, Inyoung Kim, Jin Young Kim, Sampat	Physical Chemistry Chemical Physics	2016	Not Applicable	0	University of Mumbai
Large magnetic entropy change at cryogenic temperature in rare earth HoN nanoparticles	KP Shinde, SH Jang, M Ranot, BB Sinha, JW Kim, KC Chung	RSC Advances	2016	Not Applicable	1	University of Mumbai
Monodispersed wurtzite Cu <sub>2</sub> SnS <sub>3</sub> nanocrystals by phosphine and oleylamine	Archana Kamble, Bhavesh Sinha, Sharad Vanalakar, Ganesh Agawane,	Cryst EngComm	2016	Not Applicable	11	University of Mumbai

free facile heat-up technology	Myeng Gil Gang, Jin Young Kim,					
Effect of Na doping on structure, morphology and properties of hydrothermally grown one dimensional TiO <sub>2</sub> nanorod structures	S. Shalini, N. Prabavathy, R. Balasundarabhu, T. Satish Kumar, Pravin Walke, S. Prasanna, Dhayala	Journal of Materials Science: Materials in Electronics	2017	Not Applicable	3	University of Mumbai
Enhanced NO <sub>2</sub> response of hydrothermally grown Ti doped WO <sub>3</sub> nanostructures	V.B. Patil, N. L. Tarwal, S. H. Mujawar, I. S. Mulla, P. S. Walke, S. S. Suryavanshi	Journal of Materials Science: Materials in Electronics	2017	Not Applicable	0	University of Mumbai
Unusual enhancement in the electroreduction of oxygen by NiCoPt by surface tunability through potential cycling	Moorthi Lokanathan, Indrajit M. Patil, Alhasan Kabiru Usman, Anita Swami, Pravin Walke, M. Navaneeth	RSC Advances	2017	Not Applicable	0	University of Mumbai
Effect of solvents in the extraction and stability of anthocyanin from the petals of <i>Caesalpinia pulcherrima</i> for natural dye sensitized solar cell applications	N. Prabavathy, S. Shalini, R. Balasundarabhu, Dhayalan Velauthapillai, S. Prasanna, Pravin Walke,	Journal of Materials Science: Materials in Electronics	2017	Not Applicable	0	University of Mumbai

Enhanced Hydrogen Evolution Reactions on Nanostructured Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) Electrocatalyst	Renuka V. Digraskar, Balaji B. Mulik, Pravin S. Walke, Anil V. Ghule, Bhaskar R. Sathe	Applied Surface Science	2017	Not Applicable	0	University of Mumbai
Synthesis, Structure and Magnetic Properties of Nanostructured La <sub>1-x</sub> A <sub>x</sub> Fe <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>3</sub> (A = Ca, Sr and P	Aslam Hossain, Uma Dutta, Pravin S. Walke, Natalia E. Mordvinova, Oleg I. Lebedev, Bhavesh Sinha,	Journal of Magnetism and Magnetic Materials	2017	Not Applicable	0	University of Mumbai
Ultranano crystalline diamond decoration on to the single wall carbon nano tubes	Bhavesh Sinha, Datta Late and Suhas M Jejurikar	Applied Surface Science	2017	Not Applicable	0	University of Mumbai
Evidence of robust 2D transport and Efros-Shklovskii variable range hopping in disordered topological	Biplab Bhattacharyya, Alka Sharma, Bhavesh Sinha, Kunjal Shah, Suhas Jejurikar, T. D. Senguttuvan	Nature Scientific Reports	2017	Not Applicable	0	University of Mumbai

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	130	192	79	29
Presented papers	139	195	13	21
Resource Persons	53	106	42	40

#### 3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year				
Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)	
Centre for African Studies	Indian investments in east Africa	ICHR	1750000	
Centre for African Studies	India Africa engagement in agriculture	ICSSR	700000	
Department of Applied Psychology	Career guidance	Individuals	19800	
Garware Institute of Career Education and Development	Workshop on tour planning	SNDT Matunga	26000	
3.5.2 Revenue generated from Corporate Training by the institution during the year				
Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Jamnallal Bajaj Institute of Management Studies	Technical Management Course	Naval War College , Goa	1200000	44
3.6 Extension Activities				
3.6.1 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 coordinated in such activities	Number of students participated in such activities	
Breast Cancer Awareness Campaign	NSS	15	150	
Organ Donation Drive and Medical camp	Manavati Hospital and ADMI	4	200	
Joy of Giving Drive	Alkesh Dinesh Mody Institute	4	200	
Helping Differently abled students	Aleksh Dinesh Mody Institute	15	500	
Public Meeting and Signature campaign abolish oral triple unilateral divorce	Bharatiya Muslim Mahila Andholan	3	50	
Dive into the world of	Cere Labs Pvt. Ltd	3	62	

Machine Learning			
Seed it Idol	Seed Infotech ltd	3	1200
National Workshop on Basic ICT Skills, e-Learning and MOOCs for Educators	Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, DU	3	60
Industry-Academia Seminar	Centre for African Studies	1	26
Spoken English Training Programme for Trainee Constables	Police Training Academy, Marol, Mumbai	1	2
English Language Workshop	Atmonnati School, Jambhulpada	1	20
Need Based English Language Training Programme	Rajiv Gandhi Centre for Contemporary Studies	1	15
Tree Plantation	National Social Scheme	1	23
Swacchata Abhiyan	National Social Scheme	1	23
Blood Donation Camp	National Social Scheme	1	23
Teachers training workshop for German as a foreign language	Department of German	10	15
Interdisciplinary Ph.D. research colloquium for humanities	Iqac & department of German	6	90
Readings from "schwarzmilano & das tuch der nacht"	Christoph peter, German author	6	52
Talk on "die juden und ihre synagogen in kerala"	Dr. Aliza cohen mushlin, hebrew university of Jerusalem	6	15
Talk on "wagner und der buddhismus" & "tistan und parsifal"	Prof. Dr. Danielle buschinger, university of amiens	6	15
Talk on "russland und deutschland"	Dr. Galina baeva, sankt petersburg state university	6	15
Talk on "chinese painting: philosophical & aesthetic correlates"	Mr. Nishith shah, Confucius institute	2	10
Talk on "peking opera"	Ms. Shikha Pandey, Confucius institute & department of German	2	10
Workshop on "pluralbildung"	Dr. Oskar fluck, basel, Switzerland	4	40
Lecture on "abhinavgupta & Shaivism"	Ms. Kamini gogri, Confucius institute	6	13
Poets translating poets workshop with students	Max Mueller bhavan, Mumbai & department of German	6	58
Workshop on "the life & works of bertolt brecht"	Department of German	6	54
Workshop on "feminism"	Prof. Dr. Savita Singh, ignou,	5	17

& feminist writing in Hindi"	New Delhi		
Book release: revisting gunter grass, voices from India & Germany	Max Mueller bhavan, Mumbai & department of German	5	60
Talk on "wie bewirbt man sich auf deutsch?"	Ms. Beate weber, language head, max Mueller bhavan, Mumbai	5	35
Talk on "feminism & gender studies"	Dr. Geeta chhadha, department of sociology, University of Mumbai	2	17
Presentation on "Indian philosophy & aesthetics"	Dr. Priyada Vaidya, department of philosophy, University of Mumbai	2	7
Talk/ lecture on paul celans "meridan"	Prof. Dr. Iulia Karin patrut europa university flensburg	6	20
Talk/ lecture on "michalangelo antonios beruf reporter"	Prof. Dr. Mathias bauer, europa university flensburg	6	20
Studying at the university of Freiburg, Germany	Prof. Dr. Bassler, university of Freiburg, Germany	6	30
Goethes faust & Goethe und das weltbuergertum	Prof. Jochen golz, president, Goethe gesellschaft, Weimar, e.v. Germany	6	54
Visit by consul general, dr. Juergen morhard	Consulate of federal republic of Germany in Mumbai	6	54
Certificate in German	Department of German	10	662
Short term intensive certificate in German	Department of German	2	23
Diploma in German	Department of German	3	183
Advanced diploma in German	Department of German	4	99
Diploma in comm & tech translation & tourism	Department of German	2	31
Certificate in Japanese	Department of German	1	57
Diploma in Japanese	Department of German	1	9
Advanced diploma in Japanese	Department of German	1	11
Advanced diploma in Japanese ii	Department of German	1	5
Certificate in communicative Marathi level 1	Department of German	1	7
Certificate in communicative Marathi level 1	Department of German	1	7
Diploma in communicative Marathi level 2	Department of German	1	10
Golden Jubilee Endowment Let	Mysore Association	2	56



Teachers Training	Chinnarabimba, Mumbai	2	30
Special lecture about Folk	Karnataka Janapada Parishat, Maharashtra Ghataka	2	23
Ranga Samvada	Kannada Kalakendra	2	19
Book Release And Spl Lec	Kendra Sahitya Academy	2	77
Bendre Kavyanubhava	Bendre Smaraka Rastriya vichara sankirana	2	45
Golden Jubilee Endowment Lect	Mysore Association	2	71
Kavi Samaya, Kavya Samvyada, spl lect	Kendra Sahitya Academy	2	76
Field visit to remote area	NGO	2	50
Extension work activities	Participant colleges	2	23506
2 October Bhajan Sandhya	NSS	7	80
Dr. Ashok Ranade Lecture Series	Deodhar High School	7	104
Lonavla Music Festival Study Tour	Swai Ghandharv	7	25
One day Interaction Session	Guangdong Literature & Vocational College China	7	80
Mini Olympic Sport for Children under Special Care	Lions Club International	4	10
2nd Workshop on Basic Computer training	Mumbai University	3	10
3rd Workshop on Basic Computer training	Mumbai University	4	12
Workshop	Population First	4	20
Legal aid Center	Thane Sub Campus	3	0

### 3.6.2 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
Education Leadership	BBC Knowledge presents Education Leadership Awards	BBC Knowledge presents Education Leadership Awards- Best Professor in Journalism	500
Project on multilingualism & interculturality	Academic exchange & joint research	German academic exchange service	24
Literature	Arun kale smruti Ajatshtu kavya pusrkar	Parivartan pariwar Nasik	0
Literature	Mahakavi Ashvghosh pusrkar	Rupavati Memorial Trust	0
Social work	Gaurav Kalyan Purvecha	Gauri Vinayak	0

		Bilders		
3.6.3 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 in such activities	Number of students participated in such activities
Social Initiatives	University of Mumbai	MUNIJAN 2016	2	20
NGO	NGO	Field Work MSW course	4	35
Geo_Mumba	Department of Geography	GEO-MUMBA	2	130
Guest Lecture	Lok Raj Sanghatan	Guest Lecture on Communal Harmony	3	50
NSS	PG Unit, University of Mumbai	Blood Donation, Aids Awareness	1	15
Social Awareness	Aids control society	Aids awareness	1	4
Social Issues	Participant colleges	Social activities	2	23506
MTTS Programme	NBHM-DAE	MTTS Programme	0	2
TPM	NISER Bhubaneswar	TPM	0	1
INSA	INSA	Foundation of Mathematics	0	1
RUSA	ISc, Mumbai	3 day Workshop on empowering youth in the world of Mathematics	0	1
Music Festival	Lonavala Music Festival organization	Study Tour	6	25
NGO Programme	Happy Hours	Rally	6	30
Cultural Event for Special Children	Social Welfare Department, Maharashtra State	Cultural Activity	6	40
Suicide prevention program	Department of applied psychology	Suicide presentation campaign	2	25
Gender Development Initiative	Why Loiter Group	Workshop	5	30
Pollution	Noorul Islam	Awareness Programme	5	28

Awareness	High School & Jr. College	about "To Save water & Electricity"		
Munijan - Mumbai University Joint Action now	Jamnalal Bajaj Institute of Management Studies	Munijan	5	150

### 3.7 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Research training	Aditya Narvekar	UD Biophysics	3 Month
Summer training	Yojit Sharma	UD Biophysics	3 Month
Collaborative Research (Department of Biotechnology)	Bhabha Atomic Research Centre	DAE BRNS	04 Years
Student Exchange (Department of English)	11 Students	Self-Support	1/2 Semester
Academic exchange & joint research (Gottingen)	Students, research scholars & teachers	German academic exchange service (DAAD) & UGC	1 Year
Lecture Series (Department of History)	60 Students	University of Mumbai	1 day
Workshop on research methodology (Department of Law)	Teachers and Students	ICSSR	2 Days
Research (Department of Mathematics)	Dr. V. S. Kulkarni	Government of Maharashtra	07 Years
Research (Department of Mathematics)	Dr. B. S. Desale	Not Applicable	05 Years
Research (Department of Mathematics)	Prof. R. P. Deore	Not Applicable	08 Years
Research (Department of Mathematics)	Dr. R.M. Pawale	Not Applicable	04 Years
Lecture Series (Department of Music)	Staff, Students, Music Lovers from society	University of Mumbai	2 Days
Salcette Explorations Season II (Centre for Extra Mural Studies)	CEMS and INSTUCEN	MMRC	1 Year
Student visit to Osaka University Japan (Department of Physics)	Aniruddha Vichare	Indo-Japan SAKURA exchange programme in Science	10 Days

Student visit to Osaka University Japan (Department of Physics)	Aqsa Shaikh	Indo-Japan SAKURA exchange programme in Science	10 Days
Visiting Scientist (Department of Physics)	Prof. Anuradha Misra	Theory Division, CERN Geneva, Switzerland	1 Year
UBL (exchange programme) (Garware Institute of Career Education and Development)	Teachers and Students	Tuition fee	15 days

3.7.2 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
Industry Interface (Alkesh Dinesh Mody Institute)	Summer Internship	SBI	02/05/2017 to 30/06/2017	7
	Summer Internship	NTPC	02/05/2017 to 30/06/2017	1
	Summer Internship	DENA BANK	02/05/2017 to 30/06/2017	4
	Summer Internship	TATA Teleservices	02/05/2017 to 30/06/2017	4
	Summer Internship	Bank Of India	02/05/2017 to 30/06/2017	6
	Summer Internship	ONGC	02/05/2017 to 30/06/2017	1
	Summer Internship	Alibaba	02/05/2017 to 30/06/2017	5
	Summer Internship	HPCL	02/05/2017 to 30/06/2017	1
	Summer Internship	Balmer Lawrie Van Leer Ltd.	02/05/2017 to 30/06/2017	2
	Summer Internship	ICICI Securities Pvt. LTD.	02/05/2017 to 30/06/2017	1
	Summer Internship	Hripple Solutions	02/05/2017 to 30/06/2017	1
	Summer Internship	Bombay Stock Exchange	02/05/2017 to 30/06/2017	3
	Summer Internship	Bank Of Baroda	02/05/2017 to 30/06/2017	4
	Summer Internship	Stock Holding Corporation Of India Ltd.	02/05/2017 to 30/06/2017	3
	Summer Internship	AON Global Insurance Brokers Pvt Ltd	02/05/2017 to 30/06/2017	4
Summer Internship	CMIE	02/05/2017 to	6	

			30/06/2017	
Summer Internship	SBI Global Factors		02/05/2017 to 30/06/2017	3
Summer Internship	MCX		02/05/2017 to 30/06/2017	2
Summer Internship	FSL software technology Ltd		02/05/2017 to 30/06/2017	2
Summer Internship	Birla Sunlife		02/05/2017 to 30/06/2017	1
Summer Internship	Tech Mahindra		02/05/2017 to 30/06/2017	2
Summer Internship	Paramount COmputer SystemsFZ LLC		02/05/2017 to 30/06/2017	2
Summer Internship	RBI		02/05/2017 to 30/06/2017	1
Summer Internship	Mahindra & Mahindra		02/05/2017 to 30/06/2017	3
Summer Internship	EROS International Media Ltd.		02/05/2017 to 30/06/2017	1
Summer Internship	NSE		02/05/2017 to 30/06/2017	8
Summer Internship	Interstrat Consultant Pvt Ltd		02/05/2017 to 30/06/2017	1
Summer Internship	Parksons Cartmundi pvt Ltd		02/05/2017 to 30/06/2017	2
Summer Internship	Kinal Global care Pvt Ltd		02/05/2017 to 30/06/2017	1
Summer Internship	TATA Power		02/05/2017 to 30/06/2017	3
Summer Intership	Bajaj Allianz General Insurance		02/05/2017 to 30/06/2017	1
Summer Internship	Kotak Securities		02/05/2017 to 30/06/2017	1
Summer Internship	IIFL		02/05/2017 to 30/06/2017	1
Summer Internship	L&T		02/05/2017 to 30/06/2017	1
Summer Internship	ICICI		02/05/2017 to 30/06/2017	1
Summer Internship	HSBC		02/05/2017 to 30/06/2017	1
Summer Internship	RMC Readymix		02/05/2017 to 30/06/2017	1
Summer Internship	BPCL		02/05/2017 to 30/06/2017	1
Summer Internship	VON Nash Pvt Ltd		02/05/2017 to 30/06/2017	4
Summer Internship	ANM L.S. Pvt Ltd		02/05/2017 to 30/06/2017	1
Summer Internship	Fostis Healthcare		02/05/2017 to	1

			30/06/2017	
Research	project work/training	ACTREC, UM DAE CEBS	01/06/2016 to 31/05/2017	1
Internship	A study on oxidative stress adaptations in E. coli	MOD lab BARC	01/10/2016 to 31/12/2016	1
	Isolation and molecular characterization of antibiotic resistance in non-pathoge	FTD lab BARC	01/05/2016 to 31/10/2016	1
Research (Department of Biotechnology)	Effect of plasma on bacterial deterioration	ICT, Matunga, Mumbai	01/01/2015 to 01/01/2017	1
Research (Department of Chemistry)	Research in the area of energy storage materials and devices	US Army Research Laboratory, USA	01/06/2012 to 15/12/2018	1
	Preparation of nanomaterials and their applications	University of Zululand, South Africa	01/06/2012 to 20/12/2018	1
	Preparation of nanoparticles and their studies for biomedical applications	University of Mumbai, India	31/08/2012 to 31/12/2018	1
	Collaboration work on drug design	NMIMS, Mumbai, India	01/06/2013 to 31/12/2018	1
	Collaborative work on fabrication of OLED devices & detail Photophysics study	Department of Physics, University of Durham, Durham, United Kingdom	10/06/2016 to 31/12/2018	1
	Nanoparticles in electronic devices	Harvard University, USA	12/06/2016 to 20/12/2018	1
	Synthesis and surface modifications nanoparticles via single source precursors	Department of Chemistry, University of Mumbai	31/08/2013 to 31/12/2018	2
	Bioanalysis of nanoparticles	Department of Life Sciences, University of Mumbai	31/08/2016 to 31/12/2018	2
	Drug-Surfactant interactions	Institute of Forensic Science & Criminology Panjab University, Chandigarh, India	25/09/2016 to 31/12/2018	2
	Computational study of fluorescent organic molecules for organic semiconductors	Department of Physics, University of Mumbai	12/07/2015 to 31/12/2018	2,
Internship Programme (Department of Civics & Politics)	Research	State Election Commission, Maharashtra	01/11/2016 to 28/2/2017	4

Internship (Department of Computer Science)	Internship of M.Sc. computer science	Freshers Buzz: Edunishad Technologies	14/02/2017 to 13/04/2017	1
	Internship of M.Sc. computer science	Rafat Logistics Pvt Ltd	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Tunna Animation Studios, Andheri East 26518618	02/01/2017 to 05/01/2017	1
	Internship of M.Sc. computer science	Cerelabs Pvt Ltd, Mulund, 9757019724	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	National Centre For Nano Science And Nano Technology Universyt Of Mumbai 9930465	28/01/2017 to 27/04/2017	1
	Internship of M.Sc. computer science	Dotorbit	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	National Centre For Nano Science And Nano Technology Universyt Of Mumbai	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Kristal Technologies, Palghar West, 9860461856	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Horizon Technologiesm, Thane West, 8967271999	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Horizon Technologiesm, Thane West, 8967271999	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Cerelabs Pvt Ltd, Mulund, 9757019724	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	National Centre For Nanoscience & Nanotechnology, University of Mumbai, 9930465117	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Must Radio, University Of Mumbai, 9869164174	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Horizon Technologiesm, Thane West, 8967271999	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Horizon Technologiesm, Thane West, 8967271999	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Contex Solutions, Chembur West	10/01/2017 to 09/04/2017	1
	Internship of M.Sc. computer science	Cerelabs Pvt Ltd, Mulund, 9757019724	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Contex Solutions, Chembur West	10/01/2017 to 09/01/2017	1
	Internship of M.Sc. computer science	National Centre For Nanoscience & Nanotechnology, Uom, 9930465117	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Must Radio, University Of Mumbai, 9869164174	06/01/2017 to 05/04/2017	1
Internship of M.Sc. computer scienc	Cerelabs Pvt Ltd, Mulund, 9757019724	16/01/2017 to 15/04/2017	1	

	Internship of M.Sc. computer science	Lalco Residency, Andheri East 9870564049	27/01/2017 to 26/04/2017	1
	Internship of M.Sc. computer science	Must Radio, University Of Mumbai, 9869164174	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Kresit, Iit Bombay, Pawai	04/01/2017 to 03/04/2017	1
	Internship of M.Sc. computer science	Horizon Technologiesm, Thane West, 8967271999	16/01/2017 to 15/04/2017	1
	Internship of M.Sc. computer science	Fusion Engineering, Pader Road, 9819597902	24/01/2017 to 23/04/2017	1
	Internship of M.Sc. computer science	Tifr, Anushakti Nagar, Chembur	25/12/2016 to 24/03/2017	1
Internship (Department of Education)	M.Ed.	Baljeevan Trust Vakola Bridge, Santacruz East, Mumbai 55	15/08/2016 to 03/09/2016	1
	M.Ed.	Jdt High School Kurar Village, Malad East, Mumbai 97	15/08/2016 to 03/09/2016	1
	M.Ed.	Childrens Academy Bachani Nagar, Malad East, Mumbai 97	15/08/2016 to 03/09/2016	1
	M.Ed.	Ideal High School & Junior College Trombay, Mumbai 88	15/08/2016 to 03/09/2016	1
	M.Ed.	Adaesh English Highschool Antop Hill, Mumbai 37	15/08/2016 to 03/09/2016	1
	M.Ed.	Navi Mumbai Muncipal Cooperation Etc Centre Vashi, Navi Mumbai	15/08/2016 to 03/09/2016	2
	M.Ed.	Punarvas Special School Goregaon West, Mumbai 62	15/08/2016 to 03/09/2016	1
	M.Ed.	Bes Sd Parmar School & Junior College Nagothane, Raigad	15/08/2016 to 03/09/2016	1
Exchange Programme	German Institutes Partnership	University Of Goettingen, University Of Poona, University Of Mumbai	01/02/2011 to 31/08/2018	Students, research scholars, teachers
linkages with law firms (Department of Law)	linkages with law firms	State Human Rights Commission And NGO	23/08/2015 to 21/08/2016	20
Research (Department of Mathematics )	Research Guide	Government College of Engineering Aurangabad	13/07/2010 to 29/08/2016	5
	Research Guide	RTM, Nagpur University	07/09/2010 to 26/07/2016	5
	Research Guide	Department of Mathematics, NMU, Jalgaon	01/03/2013 to 30/08/2018	3
	Research Guide	Department of Mathematics, NMU, Jalgaon	12/12/2008 to 30/08/2018	2



	Research Collaborator	Central Michigan University	13/06/2013 to 30/04/2017	3
	Research Colaborator	University of Bielefeld, Germany	01/08/2012 to 30/08/2018	1
Internship Programme (Rajabai Tower Library, Fort)	MLISC Internship Programme 2016-2017	University of Mumbai Library, SNDT University, TIFR, TISS, IIT, TCS, WeSchool etc	19/12/2016 to 19/01/2017	18
Internship (Garware Institute of Career Education and Development)	Internship	Archroma Chemicals	27/05/2016 to 27/08/2016	6
	Internship	Metcon	27/05/2016 to 27/08/2016	4
	Internship	Galaxy Paints	27/05/2016 to 27/08/2016	4
	Internship	Esdee Paints	27/05/2016 to 27/08/2016	6
	Internship	Nerolac Paints	27/05/2016 to 27/08/2016	6
	Internship	Anupam Colours	27/05/2016 to 27/08/2016	4
	Internship	Camlin Pvt. Ltd.	27/05/2016 to 27/08/2016	4
	Internship	Arkema Chemicals	27/05/2016 to 27/08/2016	2
	Internship	Monopol Colours Pvt	27/05/2016 to 27/08/2016	2
	Internship	Manas Paints	27/05/2016 to 27/08/2016	4
	Internship	Herliquin Chemicals	27/05/2016 to 27/08/2016	4
	Internship	Imogico	27/05/2016 to 27/08/2016	4
	Internship	Soujany Chemicals	27/05/2016 to 27/08/2016	4
	Internship	Naik Enviro Ltd	25/10/2016 to 25/12/2016	2
	Internship	Palash Technologies	25/10/2016 to 25/12/2016	2
	Internship	Teohnova Imaging System Ltd.	25/10/2016 to 25/12/2016	2
	Internship	Tata Power Ltd.	25/10/2016 to 25/12/2016	2
	Internship	Sujalam Technologies	25/10/2016 to 25/12/2016	2
	Internship	Sgp Pvt.Ltd.	25/10/2016 to 25/12/2016	2
	Internship	Kesari	01/03/2016 to 02/05/2016	10

	Internship	Thomas Cook	01/03/2016 to 02/05/2016	10
	Internship	Veena World	01/03/2016 to 02/05/2016	10
	Internship	Cox & Kings	01/03/2016 to 02/05/2016	10
	Internship	Orbit Corporate Travels Pvt. Ltd.	01/03/2016 to 02/05/2016	10
	Internship	Countryside	01/03/2016 to 02/05/2016	10
	Internship	Sotc	15/06/2016 to 15/08/2016	10
	Internship	Cox & Kings	15/06/2016 to 15/08/2016	14
	Internship	Kesari	15/06/2016 to 15/08/2016	10
	Internship	Kohinoor Hospital	06/09/2016 to 16/12/2016	3
	Internship	Hinduja Hospital	06/09/2016 to 16/12/2016	2
	Internship	Kem Hospital	06/09/2016 to 16/12/2016	3
	Internship	Wadia Hospital	06/09/2016 to 16/12/2016	4
	Internship	Gurunanak Hospital	06/09/2016 to 16/12/2016	4
	Internship	Sushrusha Hospital	06/09/2016 to 16/12/2016	3
	Internship	Mgm Hospital	06/09/2016 to 16/12/2016	2
	Internship	Platinum Hospital	25/06/2016 to 26/07/2016	2
	Internship	Kokilaben Hospital	25/06/2016 to 26/07/2016	3
	Internship	Rajawadi Hospital	25/06/2016 to 26/07/2016	2
	Internship	Mgm Hospital	25/06/2016 to 26/07/2016	4
	Internship	Kem Hospital	25/06/2016 to 26/07/2016	2
	Internship	Shopper Stop Retail	01/08/2016 to 30/12/2016	4
Summer Internship programme (Jamnalal Bajaj Institute of Management Studies)	Internship	Corporate Sector	15/04/2017 to 31/05/2017	Summer Internship Programme

3.7.3 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
Bombay stock exchange brokers forum	01/12/2016	Securities industries development in international markets	200
Erasmus+	01/01/2016	For development and disseminating of course and contents in the subject of Nanoelectronics	0
Ambarnath Municipal Corporation	01/09/2016	Project Advisory Services for Environmental Status Report	8
Directorate of Economics and Statistics, GOM	01/08/2016	Standardization of procedures for conducting evaluation studies and sample surveys GOM	10
Scout Edutech Pvt Ltd, Pune	29/06/2016	Offering Behavioral Training Program to increase the worthiness of prospective students	1
Trinity Research Pvt. Ltd Nagpur	20/04/2016	Offering training programs in Innovation and Entrepreneurship Development Specifically	1
Oxford Centre for Hindu Studies	16/09/2016	Research on Bhagavata Purana	1
Filmved	04/05/2016	Conducting course	60
Bombay flying club	10/06/2016	Conducting course	60
International Institute of Sports Management	11/07/2016	Conducting course	120
Dr. Dhraj more	08/08/2016	Conducting course	60
Ramesh Sippy Academy for Cinema & Entertainment	16/10/2016	Conducting course	60
Gemological Institute of India	10/12/2016	Conducting course	30
Bombay stock exchange	24/02/2017	Conducting Course	200
<b>CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES</b>			
<b>4.1 Physical Facilities</b>			
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year			
Budget allocated for infrastructure augmentation		Budget utilized for infrastructure development	
183159900		69575282	
4.1.2 Details of augmentation in infrastructure facilities during the year			
Facilities	Existing		Newly added
Campus area	275.74 Acers (Fort Campus+ Vidyanagri Campus+ Thane Sub-Campus+Ratnagiri Sub-		6.26 Acers (Kalyan Sub-Campus)

	<i>Campus)</i>	
Class rooms	167	12
Laboratories	89	01
Seminar Halls	29	00
Classrooms with LCD facilities	84	08
Classrooms with Wi-Fi/ LAN	121	07
Seminar halls with ICT facilities	27	00
Video Centre	03	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	1341	63
Value of the equipment purchased during the year (Rs. in Lakhs)	6716.36973 lakhs	71.63021 lakhs
Others	NA	NA

#### 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	2.1	1999

##### 4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	770364	-----	4280	10110324	774664	-----
Reference Books						
e-Books	138	56,79,528	-----	-----	138	5679528
Journals	631	5,68,33,647	631	5,68,33,647	631	5,68,33,647
e-Journals	450	10,80,535	450	10,80,535	450	10,80,535
Digital Database	30	6,50,00,000	-----	-----	30	6,50,00,000
CD & Video	156	----- ---	25	----- -	181	-----
Library automation	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Weeding (Hard & Soft)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Others (specify) Donated Books	65215	-----	1793	-----	67008	-----

##### 4.2.2 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
Dr.Renu Modi	E-Content Development	UGC Human Resource Development Centre, University	16/12/2016

Dr. Qamar Siddiqui	www.urduchannel.in	internet	01/01/2017						
<b>4.3 IT Infrastructure</b>									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	1510	58	1785	25	24	65	60	100 Mbps	Not Applicable
Added	264	06	181	03	15	02	00	00	Not Applicable
Total	1774	64	1966	28	39	67	60	100 Mbps	Not Applicable
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)									
100 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.							
1. Virtual Learning Centre (VLC) 2. Virtual Classroom		<p>Link of Virtual Learning Centre (E-content and Learning Management System) <a href="http://eclipse.mu.ac.in/">http://eclipse.mu.ac.in/</a></p> <p>Link of Recording Facility (Virtual Classroom): <a href="http://mu.ac.in/portal/mqin/photogallery/virtual-classroom-presentation/">http://mu.ac.in/portal/mqin/photogallery/virtual-classroom-presentation/</a></p> <p>Link of Videos: 1. <a href="http://archive.mu.ac.in/mav_ugc/index.html">http://archive.mu.ac.in/mav_ugc/index.html</a> 2. <a href="http://mu.ac.in/portal/gian-videos/">http://mu.ac.in/portal/gian-videos/</a></p> <p>Link of Media Centre: <a href="http://mu.ac.in/portal/pr-portal">http://mu.ac.in/portal/pr-portal</a></p>							
<b>4.4 Maintenance of Campus Infrastructure</b>									
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year									
Assigned budget on	Expenditure incurred on maintenance of	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities						

academic facilities	academic facilities		
1773746000	900959000	179994800 0	459785000

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The University floats tenders for maintenance of physical infrastructure. The University Engineering Section attends to and monitors the maintenance of physical infrastructure. Annual Maintenance Contracts are signed to maintain ICT based hardware.

<http://mu.ac.in/portal/tenders/>

The Internet and other automation, LAN, WAN, software's, including some ICT related needs are maintained by the UCC (University Computerization Centre).

<http://eoffice.mu.ac.in/MUSAP/UCC.pdf>

Students can utilize classrooms and laboratories, library during academic working hours from 8.00am to 6.00 pm. Sports and Gym facilities are accessible as early as 7.00 am to as late as 8.00 pm. For students library card is issued for the library. Other University facilities can be accessed and utilized by showing their identity card.

4.4.3 Student - Computer Ratio during the year

Number of Students	Total Number of Computers(in working condition)	Student-Computer Ratio
5818	1061	1:6

## **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	Non- Net Fellowship (PhD)	5	480000
	Non- Net Fellowship (Mphil)	11	660000
	Merit Scholarship	179	3222000
	University Department Scheme (SC/ST/DT/NT Students)	109	27,85,000

#### Financial support from other sources

a) National	GOI/ Social Welfare Department Scholarship/Freeship for SC/OBC Students	575	17679914
	Government of India Post S.S.C Scholarship	24	207900
	INSPIRE SHE Scholarship	135	10532406
	Senior Research Fellowship	5	2110800
	Junior Research Fellowship	9	3330000
	UGC (MRP)- Major Research Project	3	504000
	UGC- NON-NET Fellowship	45	3071338
	UGC M.Phil Fellowship	2	159666

	DST SERB	2	336000
	DST INSPIRE	1	168000
	DST PURSE	10	960000
	INDOFILL INDUSTRIES	3	780000
	Etribal Department	4	273945
	BARTI	1	200000
	Government of Karnataka Fellowship (M.A.)	16	25000
	Karnataka Sangh Fellowship (M. A. Ph. D. M. Phil)	21	756000
	State Government scholarship for minority students	7	175000
	A. R. Kulkarni Fellowship	20	950500
	Education aid	18	360000
	South Central Cultural Zone	1	200000
	NCPA	1	125000
	Late. D.V.Gokhale Paritoshik And Jehan Daruwala Merit Scholarship	3	10625
	Smt. Vimalabai Garware Gold Medal	3	38059
	Gopal Rajagopalan Award`	1	25000
	Raja Mohan Menon Award	1	25000
	SabeenaBakshi Award	1	25000
	OP Jindal Scholarship	1	150000
	UGC Net, RGNF, DSC Perse, Government (Dept of Life Sciences)	8	1528836
b)	GIP (Germanistische Institutspartnerschaft)- German Academic Exchange Service	2	648000
	Sino-Foreign Joint Resarch, Ph.D Fellowship; Shandong University	1	1000000

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
Learning Agility from Education to Leadership Development	05/11/2016	120	3
Overview of Financial Market	24/08/2016	109	1
Summer Internship Why & How	26/08/2017	120	1
Career/Personality Assessment	09/09/2017	120	1
Career Vision	09/09/2017	120	1
GD preparations for placement	16/09/2017	120	1
Goal Setting	16/09/2017	120	1
Effective resume writing	28/10/2017	120	1

Leveraging the art of networking	28/10/2017	120	1
Strategy to attract recruiter for placements	18/11/2017	120	1
How to select specialisation	18/11/2017	120	1
Overview of capital markets	18/11/2017	120	1
How to develop personality and decide the right path for building career	02/01/2017	120	1
Corporate Etiquettes and grooming for success	03/01/2017	120	2
Emerging areas in the area of recruitment	03/02/2017	120	4
Induction Programme -BMS	13/07/2016	120	4
Induction Programme -MMS	16/08/2016	120	6
Community Programme- MSW	21/11/2016	35	1
Education Visit to Forensic Science Laboratories	17/06/2016	62	1
Intra University Lecture Series: Fun with French	30/07/2016	62	1
Lectures from IT Industry Speakers: Mr. Vikrant Yadav	06/08/2016	62	1
Field Visit: 2-4 Visit to MUST Radio	08/08/2016	62	1
Intra University Lecture Series: Computational Biology, Dr. Suruch	09/08/2016	62	1
Field Visit: Visit to National Centre for Nanotechnology Lab	08/11/2016	62	1
Intra University Lecture Series: Philosophy, Role and Relevance of Life skills education to IT	26/08/2016	62	1
Workshop: Robotics	29/08/2016	62	1
Seminars: FOSSE Seminar (Computer Science)	09/02/2016	62	1
Seminars: Learning Python	09/03/2016	62	1
Telecast Movies related to Computer Science: The man who Knew Infinity	17/09/2016	64	1
Bridge course by Department of Economics	22/07/2016	130	1
Academic Writing Skills (English)	11/08/2016	20	1
Advanced German Skills for MA	07/07/2016	10	1
Advanced German Skills for TYBA	16/06/2016	20	1
Remedial Coaching by Department of German	07/07/2016	18	1
Didactics for German as a	16/06/2016	7	1



foreign language			
Translation Skills (German)	16/06/2016	7	1
Remedial Coaching Department by Department of Hindi	25/03/2017	14	1
Personal Counselling and Mentoring by Department of Hindi	24/09/2016	33	1
Russian Language Training by Centre for Eurasian Studies	01/08/2016	13	1
1) Student counseling center 2) Legal aid center, by Department of Law	25/08/2016	95	1
Certificate Course in Phonetics and Phonology	01/06/2018	21	1
Lecture series on "Language and Brain" (2 days)	16/07/2016	18	1
Workshop on "Morphosyntax of Indian Languages" (6 days)	12/08/2016	21	1
Workshop on "Event Structure" (2 days)	03/09/2016	15	1
Workshop on "Aspect in Indian Languages" (3 days)	12/09/2016	15	1
Special Lecture on "Natural Language Processing Theory and Techniques"	22/09/2016	9	1
Workshop on the Syntax of Indian languages (10 days)	10/12/2016	14	1
Topics in the Syntax of Modern Indo-Aryan Languages (course offered under the GIAN initiative of Government	21/12/2016	29	1
A special lecture series on Diachronic Semantics and Indo- Aryan Diachrony" Dr.AshwiniDeo	02/02/2017	17	1
Special Lecture on "Advances in Substantivist Linguistics"	20/03/2017	16	1
Certificate course in Marathi	21/07/2016	134	3
Diploma in Marathi	19/06/2012	6	1
Remedial Coaching classes on Saturday by Department of Music	06/01/2016	1	1
Yoga by Department of Philosophy	21/12/1995	308	1
Buddhist Studies in Vipassana	06/01/2005	134	1
Post Graduate Advance Diploma Course in Sanskrit	07/01/2016	30	1
Remedial classes	01/08/2016	5	1
Yoga by Department of Theatre	26/09/2016	49	1

Arts			
Remedial coaching for the weaker students on various course subjects - Business Statistics, by Thane Subcenter	19/12/2016	15	1
Remedial coaching for the weaker students on various course subjects - Micro Economics, by Thane Sub-Centre	30/08/2016	10	1
Remedial coaching for the weaker students on various course subjects - Business Mathematics, by Thane Subcentre	05/10/2016	12	1
Induction Programme By Jammalal Bajaj Institute Of Management Studies	23/07/2016	121	1
Outbound Experiential Learning Programme	31/07/2016	121	1
Breaking News: Current Affairs Awareness	16/08/2016	280	1
Mock Group Discussions	21/11/2016	140	1
Mock Personal Interviews	19/12/2016	140	1
Samanvay: Entrepreneurship Meet	20/02/2017	280	1
Prabhav: Finance Meet	27/02/2017	340	1
Bizorion: Entrepreneurship Meet	18/10/2016	200	1
International Research Conference (Management Studies)	06/03/2017	340	1

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
2016	NET-SET Exam Workshop by Department of Civics and Politics	12	0	3	1
2017	NET by Department of German	10	10	2	7

2016	NET, SET, JRF by Department of Hindi	16	11	2	11
2016	Spring Board Career Guidance Series : By Department of History	40	4	4	0
2016	NET, SET by Department of Law	3	20	0	0
2016	NET workshop, by Department of Philosophy	15	15	0	0
2016	SET Workshop, by Department of Philosophy	15	15	3	0
2016	PET workshop,by Department of Philosophy	9	9	3	0
2016	Guidance for successful preparation of CAT and other competitive exams	6	10	3	0

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
4	1	3days

<b>5.2 Student Progression</b>					
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
Standard Chartered	3	1	ICICI Securities	7	3
Crisil	4	1	Decimal Point Analytics	2	1
Jeena & Co.	5	1	Cognizant Solution Pvt. Ltd	1	1
Capital First	3	1	Aarush IVF and Endoscopy Centre	1	1
FUWA Heavy Industry	3	1	AG Medical Communications	1	1
Nirmal Lifestyle	10	8	Medusind Pvt. Ltd.	1	1
ISS	3	1	IKS Health	3	3
Prose Integrated	3	1	Tulip Diagnostics - A Perkin Elmer Company	1	1
Fractional Column	5	1	IPCA Labs Ltd	1	1
E4 Development and Coaching	3	1	Reliance Life Sciences pvt. Ltd	2	2
Tata Tesco	5	2	Labtron Equipment Ltd.	1	1
Bajaj Capital	4	2	Babies and Us Infertility Centre	1	1
ISS Facility Services	5	2	Episouce India	1	1
Motilal Oswal	5	3	Indian Institute of Business Management and Studies	1	1
Strategic Analysis	4	3	Quintiles IMS	1	1
Anlage HRO Services	3	1	By Department of Information Technology: Sectona, Accenture, Here Maps, Mastek, Orient Technologies, Cenveo Services, , Eclinicalwork, Deloit	60	15

TYD Ideas	5	3	Encube	20	7
Sterling Backcheck	2	1	Sarjak Container	3	1
Siemens	1	1	Pro Thoughts Solution	3	1
Citius Tech	2	1	20+ Organisations by Jammalal Bajaj Institute of Management Studies	18	18
Globe up financial	13	3			
Insync Analytics	36	13			
Greater Bank	1	1			
Credence Analytics	12	1			
Viteos	2	1			
Credit Suisse	2	1			
Euro Asia Consulting	3	1			
Citi Bank	5	2			
DNS Bank	2	1			
Yes bank	1	1			
NSE Tech	3	1			
CMIE	2	1			
Tata Teleservice	21	6			
Axis Bank	11	6			
RMC Readymix	5	3			
Elde Info Solutions	4	2			
Tech Mahindra	8	2			
MCX	5	2			
Bajaj Corporations	9	2			
NA	0	0			
Motilal Oswal	6	1			
WNS	3	1			
Prose Integrated	4	1			
India Infoline	4	1			
Akzonoble	3	1			
Aspire Home Finance	18	1			
I Tech Media	3	1			
KRYFS Power Components Ltd.	2	1			
Flipkart	6	1			
Agile Real Estate	4	1			
Ginger Hotels	3	1			
Bridgei2i (Banglore)	29	0			
Commtext Solutions Pvt.Ltd.	29	4			

(Mumbai)					
Net 4 Online	29	0			
Cerelabs	29	4			
Horizon Thane	29	5			
Quintiles IMS (Banglore & Mumbai)	29	2			
india infra publishing pvt ltd	5	1			
willis	12	3			
cmie	5	1			
anand rathi	10	2			
ticker plant	10	1			
4 organisations by Department of Physical Education	60	12			
Unichem Laboratories	30	5			
Gandhi Fellowship	15	1			
Gandhi Fellowship	10	1			
At the Department of Statistics: Idea, Kotak, Infosys, Hansa, A.C.Neilson, Cartesian, Magic9, Reliance, Vistar, TCS, Brandscape, Kantar	23	22			
Strawberry Holidays	47	4			
Euro Tour	47	2			
Veena World	47	19			
Harmony	47	2			
Musafir.com	47	0			
Kuoni Travel	47	5			
Tour Craft	47	2			
Asian Paints	55	4			
Nerolac Paint	55	6			
Mahindra And Mahiindra	55	12			
Aryalac Chemicals	55	2			
Arkema Chemicals India	55	2			

PVT. LTD.					
Basf	55	5			
Esdee Paint	55	5			
Excel Paint India	55	4			
Kokuya Camlin PVT. LTD.	55	4			
Berger Paint	55	4			
Soujanya Chemicals	55	2			
Naik Enviro Ltd.	11	1			
Unique Liquid ENgineering	11	3			
Palash Technologies	11	2			
Sujalam Technologies	11	2			
Step Pvt. Ltd.	11	1			
Design & Concepts	89	4			
Ndr Designers	89	7			
Architect Interior Designer	89	5			
Rajesh Shah & Assosiates	89	9			
Designous	89	6			
Sis Imports	89	3			
Czar Real Estate	89	3			
Space Interior Pvt. Ltd.	89	3			
Organisations at Jamnalal Bajaj Institute of Management Studies: Abbott ABFSG Accelya Kale Accenture Strategy Amazon Arvind Brands ATG Atos Aventus Capital Axis Securities Bank of America Merrill Lynch Barclays Capgemini CARE Ratings	170	152			

Citibank Crisil Directi Franklin Templeton GE GEP Goldman Sachs GroupM HDFC AMC HDFC Bank Hinduja Group HUL Honeywell HPCL IBM Strategy ICICI ICICI Prudential AMC IDBI Capital IG Petrochem IIFL Indus Valley Partners Infosys Consulting JP Morgan Janalakshmi Financial Services Kotak Mahindra Kraft Heinz L'Oreal Mahindra Maruti Suzuki Mckinsey & Co Microland Nestle NIVEA RBL RIL Saint Gobain SBI SBI Capital Markets SBI Mutual Fund Spandana Sphoorty Standard Chartered Tata Motors Tata Steel Tech Mahindra					
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Trust Group TSMG Vedanta Vodafone Welspun Yes Bank Goldman Sachs HSBC Bank PricewaterhouseC oopers Deloitte CRISIL Infosys Dun & Bradstreet Sanctum Wealth Management Axis Securities Kanakia Group CW Group India Infoline DCB Bank TresVista Janalakshmi G-Square DSP Blackrock Franklin Templeton Investments Maybank Kim Eng Royal Bank of Scotland AkzoNobel ICICI Bank Indus Valley Partners RBL Bank Sharekhan The Clearing Corporation of India Bajaj Finserv HDFC Mutual Fund HDFC Property Ventures DHFL Pramerica TATA AIG Spandana Sphoorty Financial Quest Profin					
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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
2016	3	M.A.	Department of Arabic	University of Mumbai	Ph.D
2016	9	M.A.	Department of Arabic	University of Mumbai	M. Phil
2016	4	M.Sc.	Department of Biophysics	IISc Banglore, UD Biophysics	Ph.D
2017	1	M.Sc.	Department of Chemistry	Institute of Chemical Technology, Matunga	Ph.D
2017	2	M.Sc.	Department of Chemistry	Department of Chemistry, University of Mumbai	Ph.D
2017	1	Ph.D	Department of Chemistry	Huazhong university of Science and Technology, Hust, China	PDF (Post-Doctrol Fellowship)
2017	1	Ph.D	Department of Chemistry	Bar Ilan University, Israel	PDF (Post-Doctrol Fellowship)
2016	5	M.A.	Mumbai School of Economics and Public Policy	Mumbai School of Economics and Publica Policy	Ph.D
2015	1	M.A.	Department of Geography	Department of Geography, University of Mumbai	Ph.D
2016	1	M.A./M.Sc.	Department of Geography	Sommaiya College	B.Ed.
2016	36	B.A.	Department of German	Department of German, University of Mumbai	M.A. in German Studies
2016	7	B.A.	Department of German	L.S. Raheja School of Interior Design	Diploma in Interior Designing
2016	37	M.A.	Department of Hindi	Department of Hindi, University of Mumbai	M.Phil., Ph.D
2016	6	M.A	Department of History	University of Mumbai	M.Phil
2016	2	M.A	Department of History	University of Mumbai	Ph.D
2016	2	B.Sc.IT	Department of Information Technology	Welingkar Institute of Management	MIM
2016	1	B.Sc.IT	Department of Information Technology	Mumbai Institute of Management & Research J.K. Knowledge center	MMS
2016	4	B.Sc.IT	Department of Information Technology	IDOL	MCA
2016	1	M.Sc.IT	Department of Information Technology	Mahatma Gandhi Mission Law College	LLB

2016	1	B.Sc.IT	Department of Information Technology	Patkar College	M.Sc.IT
2016	2	B.Sc.IT	Department of Information Technology	Hiray College	MCA
2016	1	B.Sc.IT	Department of Information Technology	D.Y. Patil	MBA
2016	1	B.Sc.IT	Department of Information Technology	Aruna Manharlal shah Institute of management	MMS
2016	1	B.Sc.IT	Department of Information Technology	G.N.V.S. Institute Management GTB	MMS
2016	2	M.A.	Centre for Central Eurasian Studies	Centre for Central Eurasian Studies	M.phil.
2017	4	M.A	Department of Marathi	Department Of Marathi	M.phil
2017	1	M.A	Department of Marathi	Department Of Marathi	Ph.D
2016	6	M.Sc.	Department of Mathematics	University of Mumbai	M.Phil/Ph.D Mathematics
2016	15	Certificate and Diploma courses	Department of Philosophy	University of Mumbai	PG
2016	1	Five Year Integrated Course (BA+MA) In Russian	Department of Russian	Department Of Russian	M.A. In Russian
2017	2	M.Sc.	Department of Statistics	North Carolina State University, USA/ Pennstate University, USA	MS/ Ph.D.
2016	1	Masters in Theatre Arts	Academy of Theatre Arts	Department of Dramatics, Dr. Babasaheb Ambedkar Marathwada University	Ph.D.
2016	5	Not Applicable	Thane Sub Centre	JBIMS, Welingkar Institute of Management etc.	Master in Management Studies

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	30	357254, 122853, 122649, 123102, 48007605, 48002923, 48006256, 16001031, 48012464, 48012460, 51003704, 428710, 428162, 427834, 428155, 48012823 48009560, 48009948
SET	21	605458, 777323, 601168, 701376/ 601601, 703936, 703999, 703875, 611186, 611128, 603537

SLET	Not Applicable	Not Applicable
GATE	8	XL16S82064030, CY17S31403014, CY17S32048160, CY18S42072096,
GMAT	Not Applicable	Not Applicable
CAT	Not Applicable	Not Applicable
GRE	10	Not Applicable
TOFEL	10	Not Applicable
Civil Services	Not Applicable	Not Applicable
State Government Services	Not Applicable	Not Applicable
Any Other	6	Not Applicable

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
ZEST Cultural and Sports Festival	Intercollegiate	1200
Chemistry Sports Event	Department level	175
Telecast Movies : The Imitation Game	Department level	62
Intra University Lecture Series: Fun with French	Department level	62
Telecast Movies: A Beautiful Mind	Department level	62
Student Events: Carrom Board Tournament	Department level	62
Telecast Movies: The Man Who Knew Infinity	Department level	62
Vachan Prerana Din	University level	80
National Education Day Celebrations	University level	200
Poets translating Poets Workshop with Students.	Departmental level	64
Annual Function of Department of German	For Full Time and Part Time Courses	200
Year End Cultural Programme of Department of German	Departmental level	60
Feminism and Feminist Writing in Hindi	B.A./M.A./Ph.D level	22
Life and Work of Bertolt Brecht	B.A./M.A./Ph.D level	60
Talk on Peking Opera	B.A. level	12
Abhinavagupta and Shaivism Lecture by Kamini Gogri	M.A. Level	19
Pluralbildung Workshop by Mr. Oskar Flück	Departmental level	44
Chinese Painting: Philosophical & Aesthetics	B.A. Level	12

Book Release: Revisiting Günter Grass Voices from	Departmental level	60
Hindi Divas	PG level	126
Shahir Annabhau Sathe Jayanti ( Lokakala Academy, Shahir Amar Shaikh Adyasan)	National level	Not Applicable
Parampara Festival ( Lokakala Academy, Shahir Amar Shaikh Adyasan )	National level	Not Applicable
Annual day Cultural and Sports of Department of Life Sciences	Departmental level	126
Zapurza	State level	120
MARATHI BHASHA DIN	State level	126
2 October Bhajan Sandhya	Departmental level	50
Amchi Mehfil	Institutional level	150
Bhajan Sandhya at Gateway of India	Institutional level	50
Workshop on Light Music	Institutional level	60
Tappa Workshop Kalpana Zokarkar	Institutional level	20
Foundation Day of Department of Music	Institutional level	100
Lecture on Ragang Paddhati	Institutional level	20
Interaction session With Chinese Students at the Department of Music	Institutional level	70
Presentation of University Song	Institutional level	10
Photo Exhibition by Department of Pali	Institutional level	Not Applicable
Poster presentation Department of Pali	Institutional level	Not Applicable
Workshop on Flower arrangement	Institutional level	Not Applicable
Brahmi workshop and Pali Language	Institutional level	Not Applicable
Rangoli Exhibition by Department of Pali	Institutional level	Not Applicable
Recitation of Sutta	Institutional level	Not Applicable
Workshop and Exhibition on Ancient coins	Institutional level	Not Applicable
Painting Exhibition by Department of Pali	Institutional level	Not Applicable
Cultural Event by the Ratnagiri Subcentre	Institutional level	110
Sports Event by the Ratnagiri Subcentre	Institutional level	105

Theatre Festival by the Academy of Theatre Arts	International level	2742
Mushaira and Kavi Sammelan	State level	55
Traditional/ Cultural and Sports Events by Garware Institute	Institutional level	2054
95th Anniversary of Xiamen University & Presidents	Institutional level	15
Global Confucius Institute Day	Institutional level	50
Chinese New Year Program	Institutional level	150
Cultural Week Celebration & Business Games, Quiz by Thane Subcentre	Institutional level	250
Cultural Event by Department of Law	Institutional level	20
Breaking Ice: Freshers Meet By Jamnalal Bajaj Institute Of Management Studies	Inter-Collegiate level	280
MMS Wars: Three-Day Sports Meet	Inter-Collegiate level	280
Prayag: Flagship Annual Management Meet	Inter-Collegiate level	300
Nostalgia: Alumni Meet	Inter-Collegiate level	200
Pratyaksha: Cultural Competition	Inter-Collegiate level	200

### 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
2016	Elocution	Not Applicable	Not Applicable	49 Youth Festival of University of Mumbai	1007	Nitesh Krishna Raykar
2016	Silver Medal In 93 Kg	Not Applicable	Mumbai University Intercolligiate Power Lifting Competition	Not Applicable	Not Applicable	Sadanand Bartakke
2016	Gold Medal 110kg	Not Applicable	Maharashtra Power Lifting Association Senior State	Not Applicable	Not Applicable	Sadanand Bartakke
2016	Silver Medal 110 Kg	National	Powerlifting	Not Applicable	Not Applicable	Sadanand Bartakke
2016	1 <sup>st</sup> Place in	National	Na	National	10	Om Bongane

	Classical Vocal			Youth festival		
2016	2 <sup>nd</sup> Place in Western Solo	National	Not Applicable	National Youth festival	23	Hargun kaur
2016	1 <sup>st</sup> Place in Western Group Song	National	Not Applicable	National Youth festival	23	Hargun Kaur

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

No Student Council was formed in this year. However each Department had student representatives in the Departmental IQAC bodies. Which gave in timely feedback, suggestions and feedback when needed and also participated in Departmental IQAC Meetings.

### 5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes, But at Departmental Level. Only 3 departments have an active Alumni Associations, some of which are not registered. Namely, Department of Geography, Department of Statistics, Jamnalal Bajaj Institute Of Management Studies

5.3.2 No. of registered Alumni:

4111

5.3.3 Alumni contribution during the year (in Rupees) :

1044000

5.3.4 Meetings/activities organized by Alumni Association :

The Department of Geography has had two meetings with Alumni in the year  
At the Department of Statistics a One day seminar with alumni organized by department with a management committee meeting and cultural programme. During which 'Prof. Y.S.Sathe best student award' and top three group projects given cash award.  
At the Jamnalal Bajaj Institute Of Management Studies, The alumni committee help manage the registered alumni body, They also coordinate various alumni chapters in India and 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 (maximum 500 words)

1. Department wise faculty are involved directly in designing courses and related syllabi of Choice based credit System. The department also has several committees to manage Admissions, Semester Coordination, Examinations and Placements to ensure quality and smooth functioning of processes.  
2. Every department has a departmental IQAC cell with student and teaching staff, which looks at quality practices and issues at a Departmental level. Transparency in admission procedures are also maintained and regulated at a Departmental level as an institutional best practice.

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

Yes/No/Partial:

Partial

### 6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

- ❖ *Curriculum Development:* The curriculum/ syllabus have been developed based on choice based credit system. Project based courses, interdisciplinary courses and ability enhancement courses have been introduced, along with new elective papers to cater to advancements in each field of study and related

<p>industries. Latest books and journal articles are introduced in the reading and reference list to keep the learner upto date with contemporary literature in the field of study. The syllabus of the courses offered by the Institute is approved by the BOS of various subjects of University of Mumbai. Some faculty members have been part of the BOS and have actively contributed in the curriculum development. In line with the approved syllabus and requirements mentioned in it course teachers plan out teaching methods, class activities and outside the class activities internships, field visits other form of practical exposures.</p>
<p>❖ <i>Teaching and Learning:</i> The faculty members actively use ICT in their teaching methods. Majority of teachers use at least PPTs and audio-visual clips to aid their teaching. Faculty members use case study, student presentation and group presentation and assignment method to improve teaching-learning outcome. Teachers follow a democratic style of teaching-learning experience, where in student reading, participation, inputs to understanding are encouraged to make learning a two way, rather than a one way process. Remedial classes and additional contact hours are also assigned to meet individual needs of students, or special needs of a small group of students. Seminars, Guest lectures, Video recording of Lectures uploaded online, Workshops are organized, to enhance learning process.</p>
<p>❖ <i>Examination and Evaluation:</i> Internal evaluation is conducted by course teachers and can vary from student presentations, internal test, submission of assignments or other forms depending on the requirement of the course. University teachers actively participate as members of Examination committee to ensure smooth conduct of examinations, through paper setting, translation, evaluation and moderation of papers and also being present to answer queries in the control room on the day of their respective papers. Papers (Non-language courses) are available in English and translated in Marathi to assist regional language speaking students. Online Assessment and Evaluation through On-Screen Marking (OSM) is carried out to ensure that there is no scope for ‘malpractices’ in generating results with obtained marks.</p>
<p>❖ <i>Research and Development:</i> University provides minimal grants for supporting minor research projects, Shashtri Indo-Canadian Organisation. Faculty are encouraged to take up major and minor projects funded by UGC, DST, Shashtri Indo-Canadian Organisation, ICSSR etc. University provides all support for research and development like sanctioning duty leaves, encouraging faculty to interact with faculty from other institutions, including those from abroad. Research seminars, symposiums, can be partially funded by departmental budgetary provisions. Several workshops are also conducted to train, enhance and update research skills of research scholars and faculty alike. The research culture in the University is enhanced through the various seminars, symposiums and conferences which are held on a regular basis through out the year, where in cross-disciplinary participation is encouraged.</p>
<p>❖ <i>Library, ICT and Physical Infrastructure / Instrumentation:</i> The University has two central libraries in the fort campus and Kalina campus which is partially digitalised using softwares like ‘opac’ to manage a catalogue and access to books. The library also provides access to e-database. Apart from which many departments also house independent departmental libraries, with budgetary provisions to purchase subject specific books. Every departmental infrastructure is well equipped with LAN, Wifi, LCD Projectors, Laptops and Required softwares. The University also houses the Western region Instrumentation Centre, has a University Computerisation Centre and AMC’s with external organisations for maintenance of instrumentation and ICT based infrastructure.</p>
<p>❖ <i>Human Resource Management:</i> TAU (Teachers Appointment Unit) and Establishment Section (Staff Appointment) are the relevant sections that handle the appointments at University level. University sometimes also considers the temporary appointments on basis of requirement and recommendation of Institute. The temporary appointments are for period of six-six months for non-teaching staff. Extension is granted with some break period in between two extension periods. Based on requirement and work load of the teaching staff, budgetary provisions are in place to rope in visiting faculties with different expertise to meet the teaching-learning demands. The University upon consideration may also appoint adhoc faculty (contractual positions). Retired teaching faculty may be given a honorary</p>



<p>position of adjunct faculty. Most departments also have positions of research assistants appointed on a full time basis, to assist in regulating academic work and processes. The Women Development Cell not only organises programmes on Gender Sensitisation and sexual harrasement, but looks into cases of sexual harassment at the workplace. Teaching faculty are encouraged to participate in academic-development programmes like orientation course, refresher course, short term training programmes, summer schools, winter schools and training workshops. The Unions of the teaching and non teaching staff on campus are registered and activite.</p>
<p>❖ <i>Industry Interaction / Collaboration</i> : Based on the nature of academic programmes running in University departments, relevant industry experts are invited as resource persons for special lectures, visiting faculty, seminars, symposiums and workshops. Many of which may also be alumni of the University. Industry linkages optimize internship programmes, on field training, and field visits. The industry linkages also act as shadowing exposures which help students shape their career. For e.g. the Academy of Theatre arts has tie ups with the Marathi and Hindi theatre and Film industry, that acts as a plus point for the passout students for understand different career roles and make important career decisions. Industry linkages also facilitate placement drives and initiatives.</p>
<p>❖ <i>Admission of Students</i>: Admission process is decentralized at the departmental level, regulated by a departmental admission committee and a University Nominee, which ensure fair and transparent admission process. Admissions may be based on merit CET or other DTE based centralized exminations based on the course the Department offers. Departmental Admission committees scrutinize along with administrative staff scrutinize the forms to ensure eligibility for the course. Government rules of reservations are strictly followed. Outstation students need to complete their eligibility approval from the eligibity section of the University, till then their admission is considered provisional. Guidance is provided by departmental faculty if students are confused about which elective courses or majors to opt for or any other educational decisions. M.Phil admissions are done on the basis of merit, in line with government rules. PhD admissions are done through UGC guidelines of PET/NET/SET as basic eligibility criteria fulfilling which a selection interview is conducted.</p> <p>❖</p>
<p>6.2.2 : Implementation of e-governance in areas of operations:</p>
<p>❖ <i>Planning and Development</i>: Important announcements of upcoming activities and programmes are available on the university website. Major purchase of equipment, chemicals (above 1 lakh values) through e-tenders.</p>
<p>❖ <i>Administration</i>: Most of the official communication, intimations and coordination takes place through university email service (“all users”). University Website has link to all important administrative circulars of quick references. The University also follows a biometric attendance system for teaching and non-teaching staff. The University also launched a BIOHRM portal which can handle all employees’ data, their addresses, their promotions, and their salary and leave records BIOHRM is used to manage the attendance of the employees along with their leaves. It provides the detailed information by providing the option to generate various reports. It contains menus like BIOHRM, Employee, Leaves, Attendance, Reports, Admin Reports, Utility, Forms and Help. It is directly linked to the biometric system.</p>
<p>❖ <i>Finance and Accounts</i>: University Staff on roll, revievice their salaries and other remunerations through e-banking. Reinbursement and remmunerations to visiting scholars and experts mostly are done through e-banking. The finance and accounts section has a computerised system for maintaining and compiling account statements. Computerisation of receipt cash book to does online receipt printing. The system tallies day to day cash, Ipo, DD and cheques transaction. The system is used to know the due dates of FDR and interest calculation of FDR of university investments in Trust, Funds. The over time register and conveyance register of employees’ are computerized. The computerised system also generates the letters to recover examination fees from defaulter colleges.</p>
<p>❖ <i>Student Admission and Support</i>: Admission Notifications, related circulars and display of merit list is facilitated through the University Website. The University website also has links to syllabus which potential students can go through to make informed decisions, before they seek admissions.</p>

- ❖ *Examination:* Notifications for being a part of examination committee and relevant appointment letters are communicated through email. The question paper submission and uploading and communication of the paper to the exam centers is fully digitalized. UG and PG Course Examination Form filling and generation of Hall ticket is through University Digital Portal. Notification of exam time tables, centers and results is done through the university website. Important circulars related to examinations are also available on the University Website. The University also implemented OSM (On Screen Marking) for evaluation of exam papers, which is a computerized system of evaluating scanned answer booklets through software. Fox-pro Software is used for Processing result. Use of new technologies - IVRS, ICR, Intranet, etc.

### 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
2016	Dr. Smita Shukla	National Conference	J. Watumuill Sadhubella Girls College	1200
2016	Sushmita Mukerji	National Conference	J. Watumuill Sadhubella Girls College	1200
2017	Mr. Sanjeev Thakur	International Conference	B.L. Amlani College	600
2017	Mr. Sanjeev Thakur	14th International Commerce and management	Department of Commerce, University of Mumbai	2000
2017	Mr. Sanjeev Thakur	Evaluation of Supply Chain Mgnagement	Jamnalal Bajaj Institute of Management Studies (JBIMS)	7700
2017	Rakesh Malusare	14th International Commerce and management	Department of Commerce, University of Mumbai	2500
2017	Mrs.Kavita Mishra	4th International Case Study Conference and case writing workshop	IES Management College and Research Centre	2000
2017	Dr.Aruna Deshpande	International Conference	B.L. Amlani College	600
2017	Dr.Aruna Deshpande	14th International Commerce and management	Department of Commerce, University of Mumbai	2500
2017	Dr.Aruna Deshpande	Contemporary Issues in Management	Department of Commerce, University of Mumbai	3500
2016	Dr.Aruna Deshpande	National Conference of HR heads from service sector	National Institute of Personnel Management (NIPM)	2700
2016	Ms.Naina S. Salve	Workshop on “How and when to use structural Equation Modeling in Research”	Sydenham Institute of Management Studies Research and Entrepreneurship Education (SIMSREE)	2000
2017	Ms. Naina Salve	4 <sup>th</sup> Asia-Pacific International Conference (APIC)	Sydenham Institute of Management Studies Research and Entrepreneurship Education	3000

			(SIMSREE)	
2017	Mrs. Radhs Iyer	International Commerce and Management Conference	Department of Commerce, University of Mumbai	2000
2016	Mr. Abhijeet Rawal	International Conference on “Bridging The Gap Between Classrooms & Corporate”	Self- Financing Department, Pragati College, Dombivli	6870
2016	Mr. Javed Kalangade	Case Method Workshop	Indian Institute of Management (IIM), Kolkata	6870
2017	Ms. Naina Salve	Human Development and HR Conference	Thakur College, Kandivali	1500
2016	Mr Subodh Deolekar	Google’s University Summit	Google, New Delhi	5514
2016	Dr Vidya Vencatesan	Raconter l’Europe, Funded By University Of Bologna, Italy	AUF	100000
2016	Dr. Deepali Gadkari	Royal Geographical Society, Annual Conference	Royal Geographical Society, IGB	40000
2016	Prof. Dr. Vibha Surana	International workshop on Multilingual Memories – History as Discourse in Film and Literature	NA	2000
2016	Prof. Dr. Vibha Surana	“Innovation, Cooperation, Inclusion, Sharing” XIth Global Confucius Institute Conference	Confucius Institute, Hanban	42719
2017	Dr. Meher Bhoot	International conference of the Goethe Society of India on Borders and Border-Crossings	Goethe Society of India	8000
2016	Dr. Meher Bhoot	International workshop on Multilingual Memories – History as Discourse in Film and Literature	NA	2000
2016	Ms. Dipti Tambe	International workshop on Multilingual Memories – History as Discourse in Film and Literature	NA	2000
2016	Mr. Shrikant Pathak	International workshop on Multilingual Memories – History as Discourse in Film and Literature	NA	5200
2016	Mr. Mihir Kulkarni	International workshop on Multilingual Memories – History as Discourse in Film and Literature	NA	2000
2016	Mr. Shrikant Pathak	Deutsch Lehren Quo Vadis	NA	8400
2016	Prof. B. L. Jadhav	3rd World Congress on Pharmacology,	Pharmacology	100000

		Birmingham, UK		
2016	Dr. V. S. Kulkarni	Recent Advances in Theoretical and Computational Partial Differential Equations with Applications	Panjab University	9999
2016	Dr. Madhuri Sadgir	Recent Trends on Fitness, Health and Sports Sciences	Mauritius University	40000
2016	Dr. Vasanthi Kadhiravan	International Congress on Contemporary Research in Management in Physical Education & Yogic Science	Global Human Research and Welfare Society	30000
2016	Dr. Namita Nimbalkar	International Conference science and Jain Philosophy, IIT Powai	Indian Institute of Technology (IIT) Mumbai	1600
2017	Prof. Dr. Vibha Surana	Teachers Training Workshop	Confucius Institute, Hanban	57264

6.3.2 Number of professional development / administrative training programmes organized by the University 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)
2016	*Refresher course in Advances in Chemical Sciences (UGC)	Not Applicable	10/10/2016 to 29/10/2016	34	0
2017	*Refresher Course in Economics of Industry: Modern Perspectives (RUSA)	Not Applicable	30/01/2017 to 18/02/2017	30	0
2017	*Refresher course in English, Indian and Foreign Languages: Comparative Study (RUSA)	Not Applicable	23/02/2017 to 16/03/2018	40	0
* Including the above mentioned three refresher courses the HRDC, University of Mumbai has conducted 2 Orientation programmes (UGC), 5 Orientation Programmes (RUSA), 3 Refresher Courses (UGC), 12 Refresher Courses (RUSA), 7 Short term courses (RUSA), in the academic year 2016-17.					
2016	Two week refresher course is primarily aimed at college teachers of Physics at the UG/PG level (Science	Not Applicable	17/10/2016 to 29/10/2016	70	0

	Academie's Refresher Course)				
2016	Teachers' Training Workshop for German as a Foreign Language	Not Applicable	16/06/2016	10	0
2016	International Yoga Day "Stress Management with Yoga"	International Yoga Day "Stress Management with Yoga"	21/06/2016	20	10
2016	National Workshop on Library Automation using Open Source Software KOHA and E-Granthlaya	National Workshop on Library Automation using Open Source Software KOHA and E-Granthlaya	17/10/2016 to 22/10/2016	12	5
2017	Dance for Holistic Development - Dance workshop for mental and physical well being	Not Applicable	10/1/2017	4	0

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 (from – to)
Orientation Program	1	04/02/2017 to 03/03/2017
Refresher Course in Business Studies	1	06/03/2017 to 24/03/2017
Refresher Course in Languages (Arabic, Persian, Urdu)	1	06/12/2016 to 27/12/2016
Task force for Globalization in Higher education	1	29/03/2016
Workshop on Intellectual Property Rights	1	02/09/2016
Refresher Course: Advances in Chemical Sciences	3	10/10/2016 to 29/10/2016
Refresher Course	1	03/11/2016 to 21/11/2016
Faculty Development Programme: Research Methodology for PHD	2	05/05/2016 to 16/05/2016
Inter disciplinary Refresher Course	1	19/09/2016 to 08/10/2016
Orientation Programme	1	25/07/2016 to 19/08/2016
Refresher Course	1	12/12/2016 to 31/12/2016
21 Days NRDS-DST sponsored Winter School Training Programme in Geospatial Technologies	1	08/11/2016 to 28/11/2016
Short Term course on Geographic Information System for Water resources Management	1	06/06/2016 to 11/06/2016
Land use/ Land cover Modeling and Prediction	1	04/07/2016 to 08/07/2016
Short Term Course on Geodynamic Processes	1	19/09/2016 to 23/09/2016

and Evolution of Geodynamic Field, Tectonics and Climate		
Short term Course	1	22/12/2016 to 28/12/2016
Refresher's Course in Comparative Studies in literature and languages	2	23/02/2017 to 16/03/2017
Mastering Python	1	26/08/2016 to 03/09/2016
GIAN workshop: SAW sensors and Microfluidics Conducted by the Department of Physics and The Nanoscience	2	19/10/2016 to 25/10/2016
BIRAC workshop on Bio-entrepreneurship, Grant-writing & Intellectual property Management	1	10/02/2017
UGC Sponsored Orientation Programme, University of Mumbai	1	02/11/2016 to 29/11/2016
UGC Sponsored Orientation Programme, University of Mumbai	1	07/01/2017 to 03/02/2017
UGC Sponsored Orientation Programme, University of Mumbai	1	16/05/2016 to 11/06/2016
UGC Sponsored Refresher Course, University of Mumbai	2	08/11/2016 to 26/11/2016
Refresher Course	1	15/11/2016 to 05/12/2016
Refresher Course	1	19/09/2016 to 08/10/2016
Short Term Course	1	14/10/2016 to 20/10/2016
Orientation Programme	1	04/11/2016 to 01/12/2016
Faculty Development Programme	1	19/12/2016
Human Resource Develop Centre	1	16/05/2016 to 11/06/2016
Winter school	1	01/12/2016 to 21/12/2016
Refresher Course	1	01/05/2017 to 02/02/2017
Orientation Course	1	12/09/2016 to 11/10/2016
Refresher Course - Interdisciplinary Course in Womens Studies	1	07/11/2016 to 02/12/2016
UGC sponsored Refresher course	1	30/05/2016 to 18/06/2016
Refresher Course in Visual and Performing Art	1	02/11/2016 to 23/11/2016
Short Term Course on E-Content Development	2	19/12/2016 to 24/12/2016
Short Term Training Programme on Soft Skills	1	22/12/2016 to 29/12/2016
Indian Institute of Management Ahmadabad (IIMA) Doctoral Summer School 2017	1	01/06/2017 to 04/06/2017

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
193	160	1009	1224

6.3.5 Welfare schemes for

Teaching	University Employees- Cooperative Credit Society, Loan Facility, Teaching-Staff Quarters, Provident Fund, Gym and Sports Facility, Health Centre, Counselling Centre.
Non teaching	University Employees- Cooperative Credit Society, Loan Facility, Non-Teaching-Staff Quarters, Provident Fund, Tavel Concession, Mediclaim, Gym and Sports Facility, Health Centre, Counselling Centre.

Students	Hostel Facility, Tavel Concession, Gym and Sports Facility, Health Centre, Counselling Centre, Scholarships and Fellowships, Earn and Learn Scheme, Book bank facility, campus wifi.
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#### 6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly  
*Not yet done for the year 2016-17.* However as a practice University appointed auditors, do the external audit of the University. Being a State Government Institution, financial audits are mandated. Internal Department wise audits are also carried out, by the University.

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
Action Aid Association	392700	Research Project on "Need Assessment Study" at Jalna
German Academic Exchange Service	573750	Research Stay of Ph.D and M.A. Students at the University of Goettingen
Bank of India	50000	National Seminar
Bank of Baroda	20000	National Seminar
Epic television network	200000	Aakhyan
Future group of industries	100000	Aakhyan

6.4.2 Total corpus fund generated : 1336450

#### 6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Not Applicable	No	Not Applicable
Administrative	No	Not Applicable	No	Not Applicable

6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Universities encourage Colleges Affiliated to it to apply for academic autonomy. After proposals for autonomy from colleges is received by the University Registrar, The University appoints a Local Inquiry Committee (LIC) look into and inspect the same. At the University level to be granted autonomy, the proposal has to get acceptance firstly from the academic council and than the management council. Such autonomy gives freedom to colleges to determine and prescribe its own courses of study and syllabus. Prescribe rules of admission, subject to government norms. Evolve methods of evaluation and conduct examinations. Evolve new courses/subjects as per the requirement of the region, society or industry. In the year 2016-17 Nagindas Khandwala College of Commerce and Economics was granted autonomy.

6.5.3 Activities and support from the Parent – Teacher Association (at least three)

Parent-Teacher association is not formed formally as at the level of post-graduation, such effort has limited dimensions. At individual departmental level, various forms of interactions with the parents prevail in formal and informal ways.

6.5.4 Development programmes for support staff (at least three)

The Department of Physical education organises Sportico- sports even organised for students, teachers and non-teaching staff to encourage sporting and exercise in its staff and students. It also organises sports and exercise training on a daily basis for staff and their children on a daily basis. Different departments also organise Yoga related activities.

On a yearly basis, the counselling centre at the Department of Applied Psychology organises career

counselling programmes for the children of teaching and non teaching staff.

Womens Day Celebration for Woman Staff and Seminars, Special talks and workshops organised on topics like discrimination, pluralism, oppression, equality, inclusion and culture, conflict and peace by different centres in the Univeristy like Dr. Ambedkar Centre for Social Justice, Mahatma Gandhi Peace Centre, Phule-Ambedkar Chair, increase facilitate not only social sensitivity, but enhance their multicultural character and ethos among University staff, which is of utmost impotance to develop and inclusive environment in the University for students and staff coming from diverse backgrounds.

**6.5.5 Post Accreditation initiative(s) (mention at least three)**

Choice based credit system with interdiciplinary and ability enhancement courses across disciplines.

Innovative programmes/certificate courses/diploma's and advance diplomas introduced in emerging and multidisciplinary areas.

Introduction of vocational courses and professional courses to meet the severe dearth of skilled labour.

The digitalization of process of examination, onscreen marking in assessment and result declaration is made online to bring more transparency and ensure security in the examination system

**6.5.6**

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

**6.5.7 Number of Quality Initiatives undertaken during the year**

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2017	National Science Day	28/2/2017	28/2/2017	150
2017	Workshop on CBSGS Syllabus of M.Sc. Biotechnology	20/01/2017	20/01/2017	40
2016	Face2face-with-Entrepreneurs	06/08/2016	06/08/2016	50
2016	Elsevier Author workshop	29/09/2016	29/09/2016	Not Applicable
2016	Opportunities for Higher Education in Taiwan for Mumbai University Students by A delegation of academics and officials from 11 Taiwanese Universities	26/09/2016	26/09/2016	Not Applicable
2016	Scopus User Workshop	06/10/2016	06/10/2016	Not Applicable
2017	Researchers Meet National Level	05/01/2017	05/01/2017 to 06/01/2017	42
2017	Workshop on referencing	23/03/2017	23/03/2017	Not Applicable
2016	Short course under GIANB on South Asian Englishes: Current Research Directions	18/12/2016	18/12/2016	30
2016	One Day Workshop on	16/09/2016	16/09/2016	25





to calculate energy load by buildings and their related appliances and equipments and to suggest measures LED tubelights are being fixed for new installations. The Department of Life Sciences has an installed solar panel to supplement the electrical requirements. A solar plant has also been purchased and kept in centre for National Centre for Nanosciences and Nanotechnology and is in the process of installation. The Department of Physics have developed a Research laboratory for Renewable energy studies. The groundwater is recharged using a water recharge well.

#### 7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	29
Provision for lift	Yes	10
Ramp/ Rails	Yes	10
Braille Software/facilities	No	Not Applicable
Rest Rooms	No	Not Applicable
Scribes for examination	Yes	18
Special skill development for differently abled students	No	Not Applicable
Any other similar facility	No	Not Applicable

#### 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
2016	2	2	22/07/16 (1 week)	Bridge Course and Course for Functional English	to strengthen quantitative base and English	130
2016	2	2	From August, 2013-14, till date (1 year)	Innovative Marathi Language Teaching Project	Starting courses for teaching regional language Marathi to non-native speakers	13
2016	1	1	01/02/2011 till date	German Institutes Partnership with the University of Goettingen	Exposure to German culture by scholarships to Germany	8
2016	0	1	10/06/2010 till date	Remedial Courses	Uplifting students from socially and economically	45

					backward classes to expected standards	
2017	1	1	27/01/2017	Seminar	Seminar for students for outreach purposes	95

#### 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)
University of Mumbai, Masters of Arts (M.A.) Degree Program (Four Semesters/ Two Years) Detailed Regulations for the Choice-Based Credit System to be implemented from 2016-17 (A.C/4.17/23.05.2016)	23/05/2016	Nature of Courses and Credits, Rules, Evaluation
Handbook for students by Department of Sociology	01/07/2016	Handbook for students giving details of course design, faculty profiles and regulations
Brochure of Garware Institute of Career Education and Development (GICED)	20/03/2016	To make the students understand the courses, rules and regulations, working of GICED

#### 7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Blood Donation Drive and Thalassemia Detection Test	20/10/2016	600
National Education Day Celebrations	21/11/2016	70
Vachan Prerana Din	15/10/2016	70
Visit To Navdrishti Sanstha	30/06/2016	18
Guest Lecture on Communal Harmony	04/02/2017	50
Seminar on Human Values in Jain Literature	08/03/2017 to 09/03/2017	60
An International Seminar commemorating the Birth Anniversary of Guru Gobind Singhji	16/12/2016 to 19/12/2016	75
A Lecture on A Home for all Jews	03/03/2017	50
Special lecture on Upanishads	28/01/2017 to 29/01/2017	80
Environment Protection Human Rights Values	30/08/2016	70
Paying Homage to Dr. Babasaheb Ambedkar by studying continuously for 12 hours	14/04/2016	30
Seminar on Writing and Speech of Dr. B. R. Ambedkar	15/04/2016	15
Celebrating Buddha Poornima	19/05/2016 to 22/05/2016	100
Seminar on Death : How to Face It	01/10/2016	15
Prof. N. K. Bhagwat Lecture Series	01/12/2016 to 03/12/2016	1

Seminar on Pali Upaparikkha	17/12/2016	25
Stress Management with Yoga -World Yoga day	21/06/2016	29
Epistemology of Ramanuja : Influence of Bhakti Cult -Dr.Gauri Mahulikar BPS talk	16/09/2016	25
A journey towards Self Inquiry-Prof. Vrushali Gupte BPS talk	10/7/2016	13
Philosophy and Art practice -International conference	07/12/2016 to 09/12/2016	47
Rasa Dhvani and Natya: The Parameters of Indian Aesthetics	22/12/2016	39
Dr. Ookerjee Memorial Seminar on -Inter-faith Dialogue: Philosophical perspectives.	24/01/2017 to 25/01/2017	76
Value and Agency-Guest lecture Prof.Akeel Bilgrami, Columbia University	20/02/2017	20
Mindfulness in Buddhism and Yoga - Workshop by Dr.Pradeep Gokhale	14/03/2017 to 15/03/2017	97
One day workshop on Soft Skill development	12/17/2016	40
Breathwork Meditation	29/01/2017	25
Interreligious Interfaith Dialogue	21/12/2016 to 23/12/2016	20
Conference organised on equal access to urban metropolitan spaces and another on tribal communities	17/04/2017 to 25/04/2017	160
Special Lectures for Promotion of Universal Values and Ethics	19/09/2016 to 21/09/2016	55
Blood Donation Drive	27/10/2016	80
Youth Exchange Program	11/11/2016	78
Students activity: Role play on various cultural situation	29/09/2016	16
Box of hope	8/15/2017	100
One Week Workshop: Death is a Rule: Life is an Exception A Cinematic Journey	08/08/2016 to 12/08/2016	21
147 <sup>th</sup> Birth Anniversary of Mahatma Gandhi: Special Talk by Dr Kanchana Mahadevan on Crisis on Conflict and Peace at Crossroads	02/10/2016	44
69 <sup>th</sup> Martyrdom Anniversary of Mahatma Gandhi: Special Talk by Dr Anita Patil on Values and Health in contemporary Times	30/01/2017	40

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

1. Clean Campus Initiative was taken up, in which a audit was done and suggestions were made to the University for waste segregation, compost pit revival and awareness creation among students, staff and residents.
2. Plastic free and clean campus initiatives are taken for e.g. paper cups are used by canteens to serve tea rather than plastic cups.
3. The Department of Life Sciences has an installed solar panel to supplement the electrical requirements
4. The Department of Physics have developed a Research laboratory for Renewable energy studies.
5. More compost pits in which organic matter is converted to manure
6. Constant effort to minimize waste generated in the labs is made.

7. Efforts are being made to make systems and processes of academic function and administration online, one benefit of which would be reduction in the consumption of paper
8. Some University Departments have organised environmental consciousness programmes in the year. For e.g. The Thane sub-centre has had best out of waste competition organized in Khwaish Fest 2017, The Garware Institute of Career Education and Development have organised activities related to Composting by students, Sampling plantation, cleanliness drive, Poster making Competition based on Environment, Best out of waste for sustainability, Department of Urdu organized a plantation week to promote environmental consciousness.

## SWOC Analysis

### Strengths

- ❖ Committed and highly qualified faculty
- ❖ Huge campus and two sub-campuses
- ❖ Large number of skill-based and career-oriented courses offered
- ❖ Academically active campus

### Weaknesses

- ❖ Some vacant posts
- ❖ Huge number of affiliated colleges
- ❖ Fewer autonomous departments

### Opportunities

- ❖ Increasing the number of autonomous departments
- ❖ Increasing the number of autonomous affiliated colleges
- ❖ Opening additional sub-campuses

### Challenges

- ❖ Filling up teaching and non-teaching posts
- ❖ Handling huge number of students by the examination section

## 7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

1. Preliminary Energy Audit was carried during year 2016-2017 by Dr. Suhas Jejurikar from the National Centre for Nanoscience and Nanotechnology and his team. Following buildings were considered for the audit 1. National Centre for Nanoscience and Nanotechnology Building, 2. Pherozeshah Mehta Bhavan, 3. C.D. Deshmukh Bhavan, 4. Green Technology Building, Department of Biophysics Building and Savitribai Phule Girls Hostel Building. During the energy audit, load was allowed and actual load was calculated physically and a comparison of electrical consumption in the electrical bills from last 12 months was carried out. Load per building, per floor, per electrical appliance/ equipment was calculated. It was observed that the actual load increased for few departments due to lights, light fixtures used, air conditioning system (not maintained timely), old connecting wires as well as taping electrical connections, use of lifts, etc. Suggestions are given to replace existing lights with LEDs, use of electricity while required, use of air conditioning with regular maintenance and topping cooling gas, appreciate use of lifts provided, avoid unauthorized connections, replacement of problematic light fixtures, etc. Use of solar energy is highly recommended in order to reduce the existing cost of energy.
2. Clean campus initiative was Dr. Varsha Kelkar Mane from the Dept. of Biotechnology audited certain issues in regards to keeping the campus clean in lines with the SWM rules published In the Gazette of India, Part---II, Section-3, Subsection (ii) Ministry of Environment, Forest and Climate Change

Notification, New Delhi, 2015, evaluated current practices, discussed it in the Campus Development Cell, and proposed certain changes to the University authorities along with the need for appropriate budget allocation. Current practices include waste collection from door to door, cleaning of open areas once in a month, BMC waste collection- two times a day, Pits for composting. What was proposed to be implemented by the University along with appropriate budget allocation was reviving and maintaining pits for composting, installing a composting machine, installation of bins every 50 feet and replacement of existing municipality bins. It was also suggested to the General Administrative Department (GAD) that additional efforts need to be made in line with waste collection, segregation and recycling and instructing staff quarters to segregate waste. Also creating awareness among faculty, students and residents on premises.

### **7.3 Institutional Distinctiveness**

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust  
Provide the weblink of the institution in not more than 500 words

The University strives to create high quality academic and research environment with a vision to reach out to students and scholars from diverse backgrounds covering a vast geographical area of Konkan belt of Maharashtra. We cater to multiplicity of academic fields to meet both the students' interests and industry needs. Offering wide range of academic programmes already mentioned in the report in Criterion I, ranging from PhD, MPhil, Post Graduate, Under Graduate Degree Programmes, Five Year Integrated Programmes to Certificate Courses, Diplomas and Advance Diplomas in diverse fields like Social Sciences, Sciences, Indian and Foreign Languages, Management, Commerce, Finance, Law, Engineering and a wide variety of vocational courses. We cater to a wide range of students through departments in four different campuses namely Fort, Kalina, Ratnagiri and Thane, with the Kalya Campus yet to start <http://mu.ac.in/portal/about-us/> and three different Institutes namely Jannalal Bajaj Institute of Management Studies (JBIMS) <http://jbims.edu/>, Garware Institute of Career and Education Development (GICED) <http://gicededu.co.in/> and Alkesh Dinesh Mody Institute for Financial and Management Studies (ADMIFMS) <http://admi.mu.ac.in/>. Research is assisted through its well equipped libraries and laboratory. Infact the University boasts of having one of the most well equipped laboratories in centres such as nanoscience, biophysics, Centre for Excellence in basic Sciences (CEBS). Researchers from different disciplines are recipients of research funding from various government agencies such as DAE BRNS, DST, UGC, ICMR, ICSSR etc. We humbly acknowledge good research and publication output in different disciplines. Infact in attempt to develop more global networks in research and education, GIAN (Global initiatives of Academic Networks) programmes were organised in the current year 2016-17. A glimpse of which can be seen through the weblink <http://mu.ac.in/portal/gian-videos/>

## **8. Future Plans of action for next academic year (500 words)**

The future plan of action for the next academic year is to move towards achieving more efficient academic and administrative processes and better outcomes. It includes the following:

1. Creating better ICT, Physical and Disability Friendly infrastructure. Building new hostel and staff quarters and repairs of the current infrastructure.
2. To go in for CAS (Career Advancement Scheme) for teaching faculty due for promotions in the next year or who had been due in the previous years. The University also plans to pursue the filling of sanctioned vacancies for teaching and non teaching staff by persuing it with state government authorities.
3. Streamlining shortcomings in processes in the examination systems as a result of the examination mechanisms adapting to the Onscreen Marking System implemented at a large scale in the current year, inorder to make declaration of results more efficient in the next year.
4. Acellerating digitalization and automation of administrative processes at different levels, and optimizing e-office initiatives.
5. Procrument of research based softwares such as analytical softwares (e.g. SPSS) and plagiarism softwares (e.g. turnitin) to modernize research infrastructure and engage in best practices in research.
6. To make admissions forms totally online for all courses offered by Mumbai University.
7. To realise the digital library initiatives taken by the University, which are currently in the process.
8. Registering a Centralised Alumni association of the University inorder get distinguished alumni of the University to re-establish stronger ties with their Alma Marter.
9. To form student association in the next year, through fair elections system, through the Department of Student Welfare, and increase students participation in University initiatives.
10. To ecourage faculty to send proposals for inviting international scholars and scientists through GIAN (Global Initiatives of Academic Networks), given the good number of GIAN programmes organised in the current year 2016-17. To encourage teaching faculty to seek research funding, and also apply for minor research grants from the University.