

AC - 27/06/2023 Item No. 6.1 (R)

UNIVERSITY OF MUMBAI



Revised Syllabus for S.Y. B.Sc.

(Chemistry)

Semester: III & IV (CBCS)

(With effect from the academic year 2023-24)



University of Mumbai



Syllabus for Approval

Sr. No.	Heading	Heading Particulars	
1	O: Title of Course	S. Y. B. Sc. (Chemistry)	
2	O: Eligibility	F. Y. B. Sc. Passed from this university (or with ATKT in any two courses at the F. Y. B. Sc. Level) or equivalent qualification from other universities as may have been allowed by the relevant ordinances of this university	
3	R: Passing Marks	40%	
4	No. of years/Semesters:	Two	
5	Level:	UG	
6	Pattern:	Semester	
7	Status:	Revised	
8	To be implemented from Academic Year :	From Academic Year: 2023-24	

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Prof. Shivram S. Garje, Dean, Faculty of Science and Technology

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PRINCIPAL Anandibal Raorane Arts, Commerce & Science College, Valbhavwadi

8	No. of Practicals	9 periods per week (three periods per a paper)	
9	Duration of Course	Two Semester	
10	Notional Hours	72 hours per paper per semester Theory and 36 hours per paper per semester fo laboratory sessions	
11	No of students per batch	120 students per division (20 Students for laboratory sessions)	
12	Selection	As per merit.	
13	Assessment	End of semester examination of 75 marks per paper for theory, 25 marks Internal evaluation and 50 marks per paper for laboratory sessions	
14	Syllabus Detail	Attached	
15	Title of the Unit	As given in the Syllabus text	
16	Title of the Sub-unit	As given in the syllabus text.	
17	Semester wise Theory	As prescribed in the syllabus text	
18	Semester wise Practicals	As prescribed in the syllabus text.	
19	Question Paper Pattern	As prescribed by the Faculty of Science	
20	Scheme of evaluation of Project	N.A.	
21	List of suggested reading		
22	List of websites		
23	List of You Tube videos		
24	List of MOOCs		

VA BOA.WA

AC 07th July, 2023 Item No. 6.1 (R)



UNIVERSITY OF MUMBAI



Program: B.Sc.

Course: Physics

Syllabus for Semester:III & IV

(Choice Based and Credit System with effect from the Academic year 2023-24)

UNIVERSITY OF MUMBAI	
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	Syllabus for Approval

Sr. No.	Heading	Particulars	
1	Title of the Course	B.Sc. (Physics)	
2	Eligibility for Admission	F.Y.B.Sc. passed from this university (or with ATKT in any two courses at F.Y.B.Sc. Level) or equivalent qualification from other Universities as may have been allowed by the relevant ordinance of this University	
3	Passing Marks	40%	
4	Ordinances / Regulations (if any)	-	
-5	No. of Years / Semesters	02 Semesters	
6	Level	UG	
7	Pattern	Semester	
8	Status	Revised	
9	To be implemented from Academic Year	From Academic Year: 2023-2024	

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Name Prof.(Dr.) Shivram S. Garje Dean, Science and Technology

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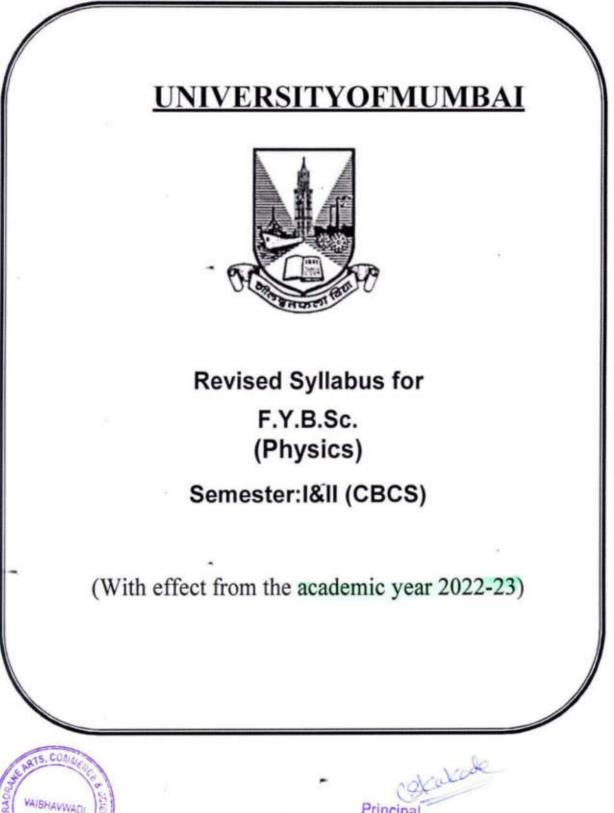
PRINCIPAL Anandibal Racrane Arts, Commerce & Science College, Valiblesweadi

8	No. of Practicals	9 periods per week (three periods per paper)	
9	Duration of Course	Two Semester	
10	Notional Hours	72 hours per paper per semester Theory and 36 hours per paper per semester for laboratory sessions	
11	No of students per batch	120 students per division (20 Students for laboratory sessions)	
12	Selection	As per merit.	
13	Assessment	End of semester examination of 75 marks per paper for theory, 25 marks Internal evaluation and 50 marks per paper for laboratory sessions	
14	Syllabus Detail	Attached	
15	Title of the Unit	As given in the Syllabus text	
16	Title of the Sub-unit	As given in the syllabus text.	
17	Semester wise Theory	As prescribed in the syllabus text	
18	Semester wise Practicals	As prescribed in the syllabus text.	
19	Question Paper Pattern	As prescribed by the Faculty of Science	
20	Scheme of evaluation of Project		
21	List of suggested reading		
22	List of websites		
23	List of You Tube videos		
24	List of MOOCs		

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PRINCIPAL Anandibal Raerane Arts, Commerce & Science College, Vaibhavwadi

AC - 11/07/2022 Item No.<u>6.15 (R)</u>



Principal Anandibai Raorane Arts,Commerce & Science,College,Vaibhavwadi

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UNIVERSITY OF MUMBAL



Syllabus for Approval

Sr. No.	Heading	Particulars	
1	Title of the Course	F.Y.B.Sc. (Physics)	
2	Eligibility for Admission	-	
3	Passing Marks	-	
4	Ordinances / Regulations (if any)		
5	No. of Years / Semesters	06 Semesters	
6	Level	UG	
7	Pattern	Semester	
8	Status	Revised	
9	To be implemented from Academic Year	from Academic From Academic Year: 2022-2023	

Date:

Uts ambole

Name Chairman of BOS of Physics Professor & Head Department of Physics University of Mumbal Signature:

Allogumides Dr. Anuradha Majumdar Dean, Science and Technology

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VAIBHAVWADI

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Principal Anandibai Raorane Arts,Commerce & Science,College,Vaibhavwadi

Syllabus for B.Sc.Physics (Theory & Practical) As per Choice Based and Credit System First Year B.Sc2022-2023



The revised syllabus in Physics as per Choice Based and Credit System for the First Year B.Sc Course will be implemented from the academic year 2022-2023.

Preamble:

The systematic and planned curricula from these courses shall motivate and encourage learners tounderstandbasicconceptsofPhysics.

Objectives:

- Todevelopanalyticalabilitiestowardsrealworldproblems
- Tofamiliarizewithcurrent and recentscientificand technological developments
- Toenrichknowledgethroughproblem-solving, hands-onactivities, studyvisits, projectsetc

Course Code	Title	Credits
	SemesterI	4
USPH101	ClassicalPhysics	02
USPH102	ModernPhysics	02
USPHPI	PracticalI	02
		Total=06
	SemesterII	
USPH201	OpticsI	02
USPH202	ElectricityandElectronics	02
USPHPII	PracticalII	02
,		Total=06

SchemeofExamination:

- Each theory paper of each semester will have 25% Internal Assessment (IA) and 75% ExternalAssessment (EA). All external examinations will be held at the end of each semester and willbeconducted by the University as perexisting norms
- Therewillbenointernalassessmentforpractical.Acandidatewillbeallowedtoappearforthesemester
 end practical examination only if the candidate submits a certified journal at the
 timeofpracticalexaminationofthesemesteroracertificatefromtheHeadoftheDepartment/Institutet
 otheeffectthatthecandidatehascompletedthepracticalcourseofthat

Principal Anandibal Raorane Arts,Commerce & Science,College,Vaibhavwadi

AC_____ Item No. _____

UNIVERSITY OF MUMBAI



Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	FYBA : Communication Skills in English
2	Eligibility for Admission	10+2
3	Passing Marks	40
4	Ordinances / Regulations (if any)	
5	No. of Years / Semesters	1 Year (semester I and II)
6	Level	P.G. / U.G./ Diploma / Certificate (Strike out which is not applicable)
7	Pattern	Yearly / Semester (Strike out which is not applicable)
8	Status	New / Revised (Strike out which is not applicable)
9	To be implemented from Academic Year	From Academic Year 2021 -2022



Date: 21/12/2020

Signature :

Name of BOS Chairperson / Dean :

Dr. Sudhir Nikam

Cover Page

AC_ Item No. _

UNIVERSITY OF MUMBAI



Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	S.Y.B.A. (MARATHI)
2	Eligibility for Admission	F.Y.B.A. Pass
3	Passing Marks	40
4	Ordinances / Regulations (if any)	Nil
5	No. of Years / Semesters	01 (Two Semester)
6	Level	U.G.
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year 2021-22

Name & Signature of BOS Chairperson :

Name & Signature of Dean:

84 himm Principal

Anandibai Raorane Arts, Commerce & Science College, Valbhavwadi

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मुंबई विद्यापीठ द्वितीय वर्ष बी.ए. मराठी



अभ्यासक्रम (CBCS)

Course Code	Core Course	No of Credits
सत्र ३ रे		
UAMAR ३०१	कथन साहित्य	3
UAMAR ३०२	भाषा आणि बोली अभ्यास	3
सत्र ४ थे		
UAMAR ४०१	नाट्य साहित्य	3
UAMAR ४०२	मराठी व्याकरण आणि लेखन कौशल्ये (स्पर्धा परीक्षा)	3

Principal Asandibai Raorane Arts: Commerce & S--Collega: Asanararadi

University of Mumbai



No. AAMS_UGS/ICC/2022-23/163

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No.UG/69 of 2016-17 dated 21st September, 2016 relating to the revised syllabus F.Y.B.Sc.(Physics) (Sem 1 & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Physics** at its meeting held on 10th May, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.15(R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.15 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Physics) (Sem.-1 & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The circular is available on the University's website <u>www.mu.ac.in</u>).

(Dr. Shailendra Deolankar) I/c Registrar

MUMBAI - 400 032

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.15(R)/11/07/2022

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Physics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology.
- 6) The Co-ordinator, MKCL.

University of Mumbai



No. AAMS_UGS/ICC/2022-23/ 105

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No. UG/166 of 2016-17 dated 19th November, 2016 relating to the revised syllabus F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Chemistry** at its meeting held on 09th June, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.5 (R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.5 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website <u>www.mu.ac.in</u>).

MUMBAI - 400 032

(Dr. Shailendra Deolankar) I/c Registrar

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

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A.C/6.5(R)/11/07/2022

No. AAMS UGS/ICC/ 2022-23/105

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Chemistry,
- The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

(Dr. Shailendra Deolankar) I/c Registrar

Desktop/Circular Faculty of Science/priya

October, 2022

University of Alumbai



No. UG/ 7 of 2020-21

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty is invited to this office circular No.UG/57 of 2018-19, dated 6th July, 2018 relating to the revised syllabus for the F.Y.B.Sc/F.Y.B.A. in Mathematics (Sem. J & II).

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 11th March, 2020 vide item No.1 and subsequently made by the Board of Deans at its meeting held on 20th July, 2020 vide item No.54 have been accepted by the Academic Council at its meeting held on 23rd July, 2020 vide item No. 4.106 and that in accordance therewith, the revised syllabus practical book of F.Y. B.Sc./ F.Y.B.A. in Mathematics under the (CBCS) in 75:25 pattern has been brought into force with effect from the academic year 2020 -21 accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 November, 2020 To

> The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty. (Circular No.UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.106/23/07/2020

No. UG/17 -A of 2020-21 MUMBAI-400 032 Copy forwarded with Compliments for information to:-

1 PNovember, 2020

(Dr. Vinod Patil)

I/c REGISTRAR

- 1) The Dean, Faculty of Humanities, Science & Technology,
- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-ordinator, University Computerization Centre,

(Dr. Vinod Patil) I/c REGISTRAR

University of Mumbai



No. UG/ 29 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/51 of 2017-18, dated 15th July, 2017 relating to the revised syllabus as per (CBCS) of F.Y.B.A. in Hindi (Compulsory & Ancillary) (Sem. I & II).

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 9th April, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 <u>vide</u> item No. 4.23 & 4.24 and that in accordance therewith, the revised syllabus as per the (CBCS) for the F.Y.B.A. Compulsory & Ancillary (Sem. I & II) in Hindi has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 3rd June, 2019 (Dr. Ajay Deshmukh) REGISTRAR

To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.23 & 4.24 /15/04/2019

No. UG/29 -A of 2019

MUMBAI-400 032

3rd June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

(Dr. Ajay Deshmukh) REGISTRAR

UNIVERSITY OF MUMBAI No. UG/S of 2017-18

CIRCULAR:-

A reference is invited to the syllabi relating to the Bachelor of Arts (B.A.) Programme vide this office Circular No.UG/164 of 2016-17, dated 16th November, 2016 and the Principals of the affiliated Colleges in Arts are hereby informed that the recommendation made by the Board of Studies in Hindi at its meeting held on 4th March, 2017 has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item No.4.41 and that in accordance therewith, the revised syllabus as per the (CBCS) of F.Y.B.A. in Hindi (Compulsory & Ancillary) (Sem I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18 to 2019-20.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 15 July, 2017 To

The Principals of the affiliated Colleges in Arts

A.C/4.41/11/05/2017

No. UG/ 5 | -A of 2017

MUMBAI-400 032

15 July, 2017

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculty of Arts,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Offg. Director, Board of Examinations and Evaluation,
- 4) The Director of Board of Student Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

der ()

(Dr.M.A.Khan) REGISTRAR

....PTO

UNIVERSITY OF MUMBAI No. UG/86 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B. A. degree course vide this office Circular No.UG/159 of 2011 dated 20th June, 2011 and the Principals of affiliated Colleges in Arts Colleges are hereby informed that the recommendation made by Board of Studies in History & Archaeology at its meeting held on 25th May, 2016 has been accepted by the Academic Council at its meeting held on 24th June, 2016 vide item No. 4.21 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for the F.Y.B.A. in History & Archaeology (Sem.I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.



MUMBAI-400 032 October, 2016

To,

The Principals of affiliated Colleges in Arts.

A.C/4.21/24/06/2016

No. UG/86 -A of 2016-17

MUMBAI-400 032

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25 October, 2016

Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Arts,
- 2) The Chairman, Board of Studies in History,
- 3) The Director, Board of College and University Development,
- 4) The Controller of Examinations,
- 5) The Co-Ordinator, University Computerization Centre.
- 6) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL)

(Dr.M.A.Khan) REGISTRAR

PTO ...



UNIVERSITY OF MUMBAI



Revised Syllabus for the S.Y.BA Program: B.A Course: ECONOMICS

SEMESTER III & IV APPLIED COMPONENT

(As per Credit Based Semester and Grading System with effect from the academic year 2017–2018)

UNIVERSITY OF MUMBAI No. UG/25 of 2018-19

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No.UG/21 of 2015-16, dated 17th July, 2015 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 24th April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.2 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. in Hindi-Sem. III & IV has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

ellyame (Dr. Dinesh Kamble)

I/c REGISTRAR

MUMBAI-400 032 220" June, 2018 To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.2/05/05/2018

No. UG/25 -A of 2018

MUMBAI-400 032 22nd June, 2018

Copy forwarded with Compliments for information to:-

1) The I/c Dean, Faculty of Humanities,

- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development, 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

reliquinte 1516 (Dr. Dinesh Kamble)

I/c REGISTRAR

UNIVERSITY OF MUMBAI No. UG/189 of 2017-18

CIRCULAR:-

A reference is invited to the syllabi relating to the Bachelor of Arts (B.A.) Programme vide this office Circular No.UG/50 of 2012-13, dated 28th June, 2012 and the Principals of the affiliated Colleges in Arts are hereby informed that the recommendations made by the Board of Studies in History & Archaeology at its meeting held on 23rd February, 2017 has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item No.4.66 and that in accordance therewith, the revised syllabus as per the (CBCS) of S.Y.B.A. History (History & Archaeology) (Sem III & IV), which is available on the University's website (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18, accordingly.

MUMBAI - 400 032 9 August, 2017 To

The Principals of the affiliated Colleges in Arts.

A.C/4.66/11/05/2017

No. UG/189 -A of 2017

MUMBAI-400 032

9 August, 2017

(Dr.M.A.Khan)

REGISTRAR

Copy forwarded with Compliments for information to:- "

- 1) The Co-ordinator, Faculty of Arts and Humanites,
- 2) The Chairman, Board of Studies in History & Archaeology,
- 3) The Offg. Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

Ation

(Dr.M.A.Khan) REGISTRAR PTO UNIVERSITY OF MUMBAI No. UG/ 19 / of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.A./B.Sc. degree course vide this office Circular No.UG/258 of 2011 dated 18th August, 2011 and the Principals of the affiliated Colleges in Arts & Science are hereby informed that the recommendation made by Board of Studies in Economics at its meeting held on 26th May, 2016 has been accepted by the Academic Council at its meeting held on 14th July, 2016 vide item No. 4.67 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for S.Y.B.A (Sem.III & IV)F.Y .B.Sc.(Sem. I & II) degree program in Microeconomics (Sem. I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBA1-400 032 3 December, 2016

To.

The Principals of the affiliated Colleges in Arts & Science.

A.C/4.67/14.07.2016

No. UG/19/ -A of 2016

MUMBAI-400 032 3

December, 2016

Copy forwarded with Compliments for information to:-

- The Co-ordinator, Faculties of Arts & Science, 1)
- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

....PTO

University of Alumbai



No. UG/27of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/299 of 2017-18, dated 7th November, 2017 relating to the revised syllabus as per (CBCS) of S.Y.B.A. Social Psychology Development Psychology and General Applied Component Option A Health Psychology. B Psychology of Adjustment, C Stress Management (Part I) (Sem. III) and (Part II) (Sem.IV).

They are hereby informed that the recommendations made by the Board of Studies in Psychology at its meeting held on 26th March, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 <u>vide</u> item No. 4.13 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A.(Sem.III & IV) Paper II Social Psychology, Paper III Development Psychology, Applied Components (a) Health Psychology, (b) Psychology of Adjustment, (c) Stress Management has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

> (Dr. Ajay Deshmukh) REGISTRAR

MUMBAI - 400 032 15t June, 2019

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The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.13/15/04/2019

No. UG/ 27 -A of 2019

MUMBAI-400 032

1St June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Psychology,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

(Dr. Ajay Deshmukh) REGISTRAR

UNIVERSITY OF MUMBAI No. UG/58 of 2018-19

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/270 of 2017-18, dated 26th October, 2017 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 18^{th} May, 2018 have been accepted by the Academic Council at its meeting held on 14^{th} June, 2018 vide item No. 4.3 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in Economics – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 G^{Hb} June, 2018 To July

I/c REGISTRAR

(Dr. Dinesh Kamble)

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.3/14/06/2018

No. UG/58 -A of 2018

MUMBAI-400 032

June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

(Dr. Dinesh Kamble) I/c REGISTRAR

UNIVERSITY OF MUMBAI No. UG/85 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the F.Y. B.Com degree course vide this office Circular No. UG/23 of 2012-13 dated 11th May, 2012 and the Principals of affiliated Colleges in Commerce are hereby informed that the recommendation made by Board Studies Business Economics at its meeting held on 27th May, 2016 has been accepted by the Academic Council at its meeting held on 24th June, 2016 <u>vide</u> item No. 4.17 and that in accordance therewith, the revised syllabus as per Choice Based Credit System in the course of Business Economics for F.Y.B.Com, for (Sem. 1 & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A. Khan) REGISTRAR

MUMBAI - 400 032 24th October, 2016

The Principals of affiliated Colleges in Commerce. To,

A.C/4.17 /24/06/2016

MUMBAI-400 032

25 October, 2016

No. UG/85 -A of 2016-17 Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Commerce, 2) The Director, Board of College and University Development,
- 3) The Controller of Examinations, 4) The Professor-cum- Director, Institute of Distance and
- Open Learning (IDOL), 5) The Co-Ordinator, University Computerization Centre.

Alexin 11/1

(Dr.M.A. Khan) REGISTRAR PTO.

UNIVERSITY OF MUMBAI No. UG/ 178 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com degree course **vide** this office Circular No. UG/140 of 2011 dated 14th June, 2011 and the Principals of affiliated Colleges in Commerce are hereby informed that the recommendation made by Board of Studies in Commerce at its meeting held on 21st June, 2016 has been accepted by the Academic Council at its meeting held on 14th July, 2016 <u>vide</u> item No. 4.79 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for F.Y.B.Com. in Mathematical and Statistical Techniques (Sem. I & II), which is available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI - 400 032 22 November, 2016

(Dr.M.) Khan) REGISTRAR

To,

The Principals of affiliated Colleges in Commerce.

A.C/4.79 /14/07/2016

No. UG/ 178 -A of 2016-17 MUN

MUMBAI-400 032

22-November, 2016

Copy forwarded with compliments for information to:-

- 1) The Co-ordinator, Faculty of Commerce,
- 2) The Director, Board of College and University Development.
- 3) The Controller of Examinations,
- The Professor-cum- Director, Institute of Distance and Open Learning (IDOL),
- 5) The Co-Ordinator, University Computerization Centre.

(Dr.M.A. Khan) REGISTRAR

PTO ..

Aniversity of Mumbai



Revised Syllabus and Question Paper Pattern of Courses of Bachelor of Commerce Programme at Third Year Semester V and VI Under Choice Based Credit, Grading and Semester System

To be implemented from Academic Year 2018-2019

Faculty of Commerce

Faculty of Commerce, University of Mumbai 1 | Page

UNIVERSITY OF MUMBAI No. UG/ 530f 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course , vide this office Circular No. UG/127 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the proposal of the concern Chairperson of Ad-hoc Board of Studies in Botany approved by the Academic Council at its meeting held on 14th July, 2016 vide item No. 4.1 and that in accordance therewith, the revised paper pattern as per Choice Based Credit System for New Scheme of Examination (Theory Paper) Pattern of F.Y.B.Sc. (Botany) (Sem. 1 & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 16 November, 2016

To.

The Principals of the affiliated Colleges in Science.

A.C/4.1/14.07.2016

No. UG/15 34 of 2016

MUMBAI-400 032

X November, 2016

Copy forwarded with Compliments for information to:-

1) The Co-ordinator, Faculties of Science,

- 2) The Chairman, Board of Studies in Botany, 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- The Controller of Examinations.

AMITINII

(Dr.M.A.Khan) REGISTRAR

PTO ..

UNIVERSITY OF MUMBAI No. UG/166 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course , vide this office Circular No. UG/128 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Ad-hoc Board of Studies in Chemistry at its meeting held on 7th July, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 vide item No. 4.12 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for F.Y. B.Sc. programme in Chemistry (Sem. 1 & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

All Dinile (Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 19 November, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.12/14.07.2016

MUMBA1-400 032 / 9 November, 2016

No. UG/166 -A of 2016

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculties of Science, 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- The Controller of Examinations.

Hannall!

(Dr.M.A.Khan) REGISTRAR

PTO ..



UNIVERSITY OF MUMBAL No. UG/69 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabl relating to the B.Sc. degree course , vide this office Circular No. UG/131 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by Board Studies in Physics at its meeting held on 24th May, 2016 has been accepted by the Academic Council meeting held on 24th June, 2016 vide item No. 4.50 and that in accordance therewith, the revised syllabus as per the Credit Based Semester and Grading System for F.Y. B.Sc. Physics (Sem.I & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI - 400 032 21 September, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.50/24,06,2016

No. UG/69 -A of 2016

MUMBAI-400 032

Q | September, 2016

(Dr.M.A.Khan)

REGISTRAR

Copy forwarded with Compliments for information to:-

1) The Deans, faculties of Science,

2) The Chairman, Board of Studies in Physics, 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)

4) The Director, Board of College and University Development,

5) The Co-Ordinator, University Computerization Centre,

6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

PTO ..

UNIVERSITY OF MUMBAI No. UG/ 180 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course, <u>vide</u> this office Circular No. UG/133 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Board of Studies in Statistics at its meeting held on 14th June, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 <u>vide</u> item No. 4.85 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for F.Y. B.Sc. programme in Statistics (Sem. I &II), which are available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI - 400 032 2.2 November, 2016

(Dr.M.A.Khan) REGISTRAR

To,

The Principals of the affiliated Colleges in Science.

A.C/4.85/14.07.2016

No. UG/180 - A of 2016

MUMBAI-400 032

22-November, 2016

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculties of Science,
- 2) The Chairman, Board of Studies in Zoology,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

PTO.

UNIVERSITY OF MUMBAI No. UG/179 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course, <u>vide</u> this office Circular No. UG/132 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Board of Studies in Zoology at its meeting held on 29th June, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 <u>vide</u> item No. 4.80 and that in accordance therewith, the Scheme of Examination (Theory) & Paper Pattern as per the Choice Based Credit System for F.Y. B.Sc. programme in Zoology (Sem. I &II), which are available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 22 November, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.80/14.07.2016

No. UG/ 179 - A of 2016

MUMBAI-400 032

22-November, 2016

Copy forwarded with Compliments for information to:-

1) The Co-ordinator, Faculties of Science,

- 2) The Chairman, Board of Studies in Zoology,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)

- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

PTO.,

University of Alumbai



No. UG/55 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty is invited to this office Circular No. UG/122 of 2018-19, dated 20th October, 2018 relating to the revised syllabus and Question Paper Pattern as per (CBCGSS) for the S.Y.B. Com. Programme (Sem. III & IV).

They are hereby informed that the recommendations made by the Board of Studies in Accountancy at its meeting held on 10th April, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 vide item No. 4.46 and that in accordance therewith, the revised Question Paper Pattern as per the (CBCS) for the S.Y.B.Com. Programme in Sem.III & IV of

a) Accountancy and Financial Management Paper-III

b) Financial Accounting and Auditing (Introduction to Management Accounting)

c) Accountancy and Financial Management Paper-IV

d) Financial Accounting and Auditing (Auditing),

has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBA1-400 032 12 July, 2019

To

(Dr. Ajay Deshmukh) REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.46/15/04/2019

No. UG/95 -A of 2019

MUMBAI-400 032

12 July , 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Commerce & Management,
- 2) The Chairman, Board of Studies in Accountancy,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL)
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

lanc

(Dr. Ajay Deshmukh) REGISTRAR

NIVERSITY OF MUMBAI No. UGAloof 2017-18

CIRCULAR:-

The Principals of the affiliated Colleges in Science and the Directors of recognized Science Institutions concerned are hereby informed that in continuation syllabi relating to Bachelor of Science degree Course (S.Y.B.Sc) passed by the Academic Council at its meeting held on 26/2/2015, vide item No. 4.33 and proposal received from Chairperson, Board of Studies in Botany has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item no. 4.214 and that in accordance therewith, the revised syllabus as per the (CBCS) for S.Y.B.Sc. Paper - II (Sem - III) Programme in the Course of Botany, which is available on the University's website (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18.

REGISTRAR

MUMBAI - 400 032 athJuly, 2017

To.

The Principals of the affiliated Colleges in Science and the Directors of Recognized Institutions concerned.

A.C/4.214/11.05.2017

No. UG/118 -A of 2017 MUMBAI-400 032

93H July, 2017

Copy forwarded with compliments for information to :-

1) The Co-ordinator, Faculty of Science,

- 2) The Offg. Director, ... Board of Examinations and Evaluation,
- 3) The Chairperson, Board of Studies in Botany,
- 4) The Director of Board of Studies Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning.
- 6) The Co-Ordinator, University Computerization Centre.

REGISTRAR

Circular 2014-15/Science/3

UNIVERSITY OF MUMBAI No. UG/ 1930f 2017

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.A / B.Sc degree course, <u>vide</u> this office Circular No. UG/90 of 2012-13, dated 8th November, 2012 and the Principals of the affiliated Colleges in Arts & Science are hereby informed that the recommendation made by Board of Studies in Mathematics at its meeting held on 27th March, 2017, has been accepted by the Academic Council at its meeting held on 11th May, 2017 <u>vide</u> item No. 4.193 and that in accordance therewith, in revised syllabus as per the (CBCS) for S.Y.B.A / S.Y.B.Sc (Mathematics) (Sem III & IV) which is available on the University's website (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2017-18.

REGISTRAR

MUMBAI - 400 032

To.

The Principal of the affiliated Colleges in Arts / Science and the Head of Recognized Institutions concerned.

A.C/4.193/11.05.2017

No. UG/13 - A of 2017

MUMBAI-400 032

315 July, 2017

Copy forwarded with compliments for information to :-

1) The Co-ordinator, Faculty of Arts / Science,

2) The Offg. Director, Board of Examinations and Evaluation,

3) The Director, Board of Students Development,

- 4) The Professor-cum-Director, Institute of Distance and Open Learning.
- 5) The Co-Ordinator, University Computerization Centre.

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REGISTRAR

....PTO

Circular 2014-15/Science/6

UNIVERSITY OF MUMBAI No. UG/14 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular No. UG/95 of 2015-16, dated 5th October, 2015 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Botany at its meeting held on 9th April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 <u>vide</u> item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Botany (Sem -V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 1/1⁴² June, 2018

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular, No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.25/05/05/2018

No. UG/14 -A of 2018

MUMBAI-400 032 1

14 June, 2018

Copy forwarded with Compliments for information to:-

1) The I/c Dean, Faculty of Science & Technology,

- 2) The Chairman, Board of Studies in Botany,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

entinh

(Dr. Dinesh Kamble) I/c REGISTRAR



UNIVERSITY OF MUMBAI No. UG/7 30f 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular Nos. UG/156 of 2016-17, dated 16th November, 2016 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Chemistry at its meeting held on 28th May, 2018 have been accepted by the Academic Council at its meeting held on 14th June, 2018 <u>vide</u> item No. 4.41 and that in accordance therewith, the revised syllabus as per the (CBCS) for the Chemistry of T.Y.B.Sc. Physical Chemistry, Inorganic Chemistry, Organic Chemistry and Analytical Chemistry (Sem - V & VI) (3 and 6 Units) including Applied Component Drugs and Dyes, Heavy Fine Chemicals and Petrochemicals has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

> (Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 6th June, 2018 July

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.41/14/06/2018

No. UG/ 73-A of 2018

MUMBAI-400 032

1 June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/9 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Sci. & Tech. Faculties is invited to this office Circular No.UG/122 of 2017-18 dated 28th July, 2017 relating to syllabus of the B.A./B.Sc. degree course.

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.71 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A./T.Y.B.Sc. in Mathematics (Sem. -V) Paper-I Integral Calculas, Paper-III Topology of Metric Spaces and (Sem.VI) Paper-I Basic Complex Analysis, Paper-III Topology of Metric Spaces and Real Analysis, has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

1 un anti

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 12th June, 2018

To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Humanities, Sci. & Tech. Faculties. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.71/05/05/2018

No. UG/ 9 -A of 2018

MUMBAI-400 032 /2th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculties of Humanities, Science & Technology,
- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Professor-cum-Director, Institute of Distance & Open Learning.

alland

UNIVERSITY OF MUMBAI No. UG/8 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular Nos. UG/264 of 2017-18, dated 23rd October, 2017, UG/287 of 2017-18, dated 30th October, 2017and UG/263 of 2017-18, dated 23rd October, 2017 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Physics at its meeting held on 23rd April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 <u>vide</u> item No. 4.26 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Physics including Applied Component - Electronic Instrumentation (EI) & Computer Course (CS) (Sem -V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

ellanh

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 12tm June, 2018

To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.26/05/05/2018

No. UG/ 8 -A of 2018

MUMBAI-400 032

12" June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Physics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

Mart

UNIVERSITY OF MUMBAI No. UG/24 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular No. UG/108 of 2010, dated 29th May, 2010 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Statistics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 <u>vide</u> item No. 4.70 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Statistics (Sem -V & VI) of Applied Component in the subject of Elements of Operation Research – I & II and Practical's based on theory, has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

MUMBAI - 400 032 14th June, 2018 unulunte

(Dr. Dinesh Kamble) I/c REGISTRAR

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.70/05/05/2018

No. UG/24 -A of 2018

MUMBAI-400 032 1

14th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Statistics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

ullande

UNIVERSITY OF MUMBAI No. UG/51 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities and Sci. & Tech. Faculty is invited to this office Circular No. UG/107 of 2010, dated 29th May, 2010 and Circular No. UG/108 of 2010 dated 28th May, 2010 relating to syllabus of the B.A./B.Sc. degree course.

They are hereby informed that the recommendations made by the Board of Studies in Statistics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.69 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A./B.Sc. in Statistics (Sem - V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

elland

(Dr. Dinesh Kamble) **Uc REGISTRAR**

MUMBAI - 400 032 26th June, 2018 To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Humanities and Sci. & Tech. Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.69/05/05/2018

No. UG/ 51 -A of 2018

MUMBAI-400 032 26th June, 2018

Copy forwarded with Compliments for information to:-

1) The I/c Dean, Faculty of Humanities and Science & Technology,

- 2) The Chairman, Board of Studies in Statistics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

lelland

University of Mumbai



No. AAMS_UGS/ICC/2022-23/ 105

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No. UG/166 of 2016-17 dated 19th November, 2016 relating to the revised syllabus F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Chemistry** at its meeting held on 09th June, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.5 (R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.5 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website <u>www,mu.ac.in</u>).

MUMBAI - 400 032

(Dr. Shailendra Deolankar) I/c Registrar

October, 2022

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.5(R)/11/07/2022

No. AAMS UGS/ICC/ 2022-23/105

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Chemistry,
- The Director, Board of Examinations and Evaluation,
- The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

(Dr. Shailendra Deolankar) I/c Registrar

Desktop/Circular Faculty of Science/priya

University of Alumbai



No. UG/ 7 of 2020-21

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty is invited to this office circular No.UG/57 of 2018-19, dated 6th July, 2018 relating to the revised syllabus for the F.Y.B.Sc/F.Y.B.A. in Mathematics (Sem. J & II).

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 11th March, 2020 vide item No.1 and subsequently made by the Board of Deans at its meeting held on 20th July, 2020 vide item No.54 have been accepted by the Academic Council at its meeting held on 23rd July, 2020 vide item No. 4.106 and that in accordance therewith, the revised syllabus practical book of F.Y. B.Sc./ F.Y.B.A. in Mathematics under the (CBCS) in 75:25 pattern has been brought into force with effect from the academic year 2020 -21 accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 November, 2020 To

> The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty. (Circular No.UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.106/23/07/2020

No. UG/17 -A of 2020-21 MUMBAI-400 032 Copy forwarded with Compliments for information to:-

1 i November, 2020

(Dr. Vinod Patil)

I/c REGISTRAR

1) The Dean, Faculty of Humanities, Science & Technology,

- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-ordinator, University Computerization Centre,

(Dr. Vinod Patil) I/c REGISTRAR

AC 25/05/2011, Item No. 4.102

Pamphlet no.

University of Mumbai



NAAC ACCREDITED WITH 'A' GRADE (2012-2017)

Modified Ordinances and Regulations

With Respect to

Semester and Choice Based Credit System (CBCS)

For the Programmes Under

The Faculty of Arts, Commerce & Science

With effect from the Academic year

2012-13

Page 1 of 8

R. 8435: The Scheme of Examination: FACULTY OF COMMERCE

The performance of the learners shall be evaluated in two components: Internal Assessment with 40% marks by way of continuous evaluation and by Semester End Examination with 60% marks by conducting the theory examination.

INTERNAL ASSESSMENT:- It is defined as the assessment of the learners on the basis of continuous evaluation as envisaged in the credit based system by way of participation of learners in various academic and correlated activities in the given semester of the programme.

A). Internal Assessment - 40%

40 marks

1. For Courses without practical.

Sr. No.	Particulars	Marks
1	ONE class test/ case study / online examination to be conducted in the given semester	20 Marks
2	One assignment based on curriculum to be assessed by the teacher concerned	10 Marks
3	Active participation in routine class instructional deliveries	
4	Overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic actives	05 Marks

2. For Courses with Practical.

Sr. No.	Particulars		Marks
1	Semester End Practical Examination		20 Marks
	Journal	05 Marks	
	Viva	05 Marks	
	Laboratory Work	10 Marks	
2.	One assignment/project with class presentation to be assessed by teacher concerned		10 Marks
	Presentation	05 Marks	-
	Written Document	05 Marks	

Page 2 of 8

3	Active participation in routine class instructional deliveries	05 Marks
4	Overall conduct as a responsible learner, mannerism and articulation	
	and exhibit of leadership qualities in organizing related academic actives	

SEMESTER END EXAMINATION:- It is defined as the examination of the learners on the basis of performance in the semester end theory / written examinations.

B. Semester End Examination --- 60 %

60 Marks

- 1) Duration These examinations shall be of 2 Hours duration.
- 2) Question Paper Pattern:
 - i. There shall be four questions each of 15 marks.
 - ii. All questions shall be compulsory with internal choice within the questions.
 - Question may be sub-divided into sub-questions a, b, c, d & e only and the allocation of marks depends on the weightage of the topic.

The assessment of Part 'A' i.e. Internal Assessment and Part 'B' i.e. Semester End Examination as mentioned above for the Semesters I to IV shall be processed by the Colleges / Institutions of their learners and issue the grade cards to them after the conversion of marks into grade as per the procedure mentioned in this manual. The format of the grade card is given in the Chapter 5 of the manual to maintain the uniformity across the all colleges for the examinations conducted by the colleges on behalf of the University.

The assessment of <u>Part 'A' i.e. Internal Assessment</u> as mentioned above for the Semesters V & VI shall be processed by the Colleges / Institutions of their learners admitted for the programme while the University shall conduct the assessment of Part 'B' i.e. Semester End Examination for Semesters V & VI. The Internal Assessment marks of learners appearing for Semesters V & VI shall be submitted to the University by the respective colleges/ Institutions before the commencement of respective Semester End Examinations. The Semester End Examinations for Semesters V & VI shall be conducted by the University and the results shall be declared after processing the internal assessment and the marks awarded to the learners. The grade card shall be issued by the University after converting the marks into grades.

THE MARKS OF THE INTERNAL ASSESSMENT SHOULD NOT BE DISCLOSED TO THE STUDENTS TILL THE RESULTS OF THE CORRESPONDING SEMESTER IS DECLARED.

R.8436 PASSING STANDARD AND PERFORMANCE GRADING:

PASSING STANDARD

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment & Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 Out of 60) separately, to pass the course and minimum of Grade E in each project, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment & Semester End Examination together.

PERFROMANCE GRADING:

Grade	Marks	Grade Points
0	70 & above	7
A	60 to 69.99	6
В	55 to 59.99	5
С	50 to 54.99	4
۰D	45 to 49.99	3
E	40 to 44.99	2
F (Fail)	39.99 & below	1
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The PERFORMANCE GRADING of the learners shall be on the SEVEN point ranking system as under:

The performance grading shall be based on the aggregate performance of Internal Assessment and Semester End Examination.

R: 8437 CARRY FORWARDS OF MARKS IN CASE OF A LEARNER WHO FAILS IN THE INTERNAL ASSESSMENT AND/OR SEMESTER END ASSESSMENT IN ONE OR MORE SUBJECTS:

- A learner who PASSES in the Internal Examination but FAILS in the Semester End Examination of the course shall reappear for the Semester End Examination of that course. However his/her marks of the Internal Examinations shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.
- A learner who PASSES in the Semester End Examination but FAILS in the Internal Assessment of the course shall reappear for the Internal Examination of that course. However his/her marks of

Page 4 of 8

the Semester End Examination shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

 A) For Courses without practical (for Faculty of Arts, Commerce & Science including Foundation Course Paper I & II)

In case of a learner who is reappearing for the Internal Examination, the examination =will consist of one project of 40 marks which will be divided into 20 marks for the documentation of the project, 10 marks for the presentation and 10 marks for the viva and the interaction.

B) For Courses with practical/field work (for Arts & Commerce Faculty)

In case of a learner who is reappearing for the Internal Examination for subjects with Practical/fieldwork, the examinations will consist of practical examination of 40 marks which will be divided into 20 marks for the laboratory work, 10 marks for the Viva Examination and 10 marks for the Journal.

For courses with practical for the program under Faculty of Science, In case of learners who is reappearing for the internal Assessment of the Practical Course, the internal assessment will consist of one project of 40 marks which will be divided into 20 marks for the documentation of the project, 10 marks for the presentation and 10 marks for the viva and the interaction and the marks thus obtained out of 40 will be converted to marks out of 20 (marks in decimal after conversion will be moved to the next integer).

R.8438 ALLOWED TO KEEP TERMS (ATKT): (Applicable to the courses under Faculty of Arts & Faculty of Commerce):

- A learner shall be allowed to keep term for Semester II irrespective of number of courses of failure in the Semester I.
- A learner shall be allowed to keep term for Semester III if he/she passes each of Semester I and Semester II

OR

A learner fails in not more than FOUR courses of Semester I and Semester II taken together with not more than TWO courses at each of Semester I & Semester II.

- c. A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III.
- d. A learner shall be allowed to keep term for Semester V if he/she passes Semester I, Semester II, Semester III and Semester IV

A learner shall pass Semester I and Semester II and fails in not more than FOUR courses of Semester III and Semester IV taken together with not more than TWO courses at each of Semester III & Semester IV.

- A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in the Semester V
- f. The learner can appear for the semester VI examination (subject to 9d) & 9e) above) but the result of Semester VI shall be kept in abeyance until the learner passes each of Semester I, Semester II, Semester III, Semester IV and Semester V.

R. 8439 ADDITIONAL EXAMINATION:

INTERNAL ASSESSMENT:

Eligibility norms to appear for the additional class test or assignment or project for learners who remained absent:

- a. The learner must apply to the Head of the Institution giving the reason(s) for absence within 8 days of the conduct of the examination along with the necessary documents and testimonials.
- b. If the learner is absent for participation in Inter Collegiate events, State or National or International level events, Training camp or coaching camp organized by authorized university or state or national or international bodies, NSS / NCC Events / Camps / cultural activities / sports activities / research festival or any other activities authenticated by the head of the institution, the head of the Institution shall generally grant permission to the learner to appear for the additional class test or assignment.
- c. The Head of the Institution, on scrutiny of the documents and testimonials, may grant the permission to the learner to appear for the additional examination.
- d. It is not the right of the leaner, who has failed or has remained absent, to appear for the additional examination without fulfilling the norms prescribed by the Head of the Institution / Department / Principal of the College.

Class test or assignment for Internal Assessment for courses without practical: (for Commerce Faculty):

- a. A learner who is absent for the class test and the assignment will be declared fail in the Internal Assessment Scheme.
- b. A learner who remains absent for the class test but has appeared for the assignment will be allowed to appear for the additional class test.
- c. A learner who has appeared for the class test but remains absent for the assignment will be allowed to appear for the additional assignment.

Class test or assignment for Internal Assessment for Courses with practical:

- a. A learner who is absent for the Semester End Practical Examination and the assignment/project will be declared fail in the Internal Assessment Scheme.
- b. A learner who is absent for the Semester End Practical Examination and has appeared for the assignment will be awarded marks for the Journal (out of 5 marks) & Viva (out of 5 marks) component of the Semester End Examination. Thus he will be evaluated for 10 marks instead of 20 marks and will lose the 10 marks for the Laboratory work. However, his marks for the Semester End Practical Examination will be taken as out of 20 (without conversion i.e. if the learner gets 4/10 marks in for Journal & Viva , his/her marks for the Semester End Practical Examination will be taken as 4/20) and internal assessment will be calculated as out of 40 marks and not 30 marks.
- c. A learner who has appeared for Semester End Practical Examination but remains absent for the assignment will be allowed to appear for the additional assignment and the internal assessment will be calculated as out of 40 marks.

The Additional Class Test (or viva examination) or Assignment must be conducted 15 days prior to the commencement of the Semester End Examination after following the necessary procedure and completing the formalities.

SEMESTER END EXAMINATIONS

ELIGIBILITY TO APPEAR FOR ADDITIONAL SEMESTER END EXAMINATION:

A learner who does not appear i.e. remains absent in some or all the courses on medical grounds or for representing the college / university in sports, cultural activities, activities of NSS, NCC or sports training camps conducted by recognized bodies / competent authorities or for any other reason which is considered valid under exceptional circumstances and to the satisfaction of the Principal or the Head of the Institute OR fails n some or all the subjects is eligible to appear for the additional examination.

A learner who does not appear for both the Internal Assessment and Semester End Examination shall not be eligible to appear for the additional Semester End Examination.

The additional Semester End Examination shall be of two hours duration and of 60 marks per course. The learner shall appear for the course of the Semester End Examination for which he/she was absent or has failed. Learners who are punished under 0.5050 are not eligible to appear for this additional examination.

It is not the right of the leaner, who has failed or has remained absent, to appear for the additional examination without fulfilling the norms prescribed by the Head of the Institution / Department / Principal of the College.

MODE OF CONDUCT OF SEMESTER END ADDITIONAL EXAMINATION:

- a) There will be one additional examination for semester I, II, III and IV for those who have failed or remained absent.
- b) The absent learner will be allowed to appear for the examination by the head of the institution after following the necessary formalities subject to the reasons to the satisfaction of the head of the institution.
- c) This examination will be held 20 days after the declaration of results but not later than 40 days.

PROJECT EVALUATION (IF APPLICABLE)

- A learner who PASSES IN ALL THE COURSES BUT DOES NOT secure minimum grade of E in project as applicable has to resubmit a fresh project till he/she secures a minimum of grade E.
- The credits and grade points secured by him/her in the other courses will be carried forward and he/she shall be entitled for grade obtained by them on passing of all the courses.
- The evaluation of project and viva/voce examination shall be done by marks only and then it will be converted into grade in the seven point scale and award the same to the learner.
- A learner shall have to obtain minimum of grade E (or its equivalent marks) in project evaluation and viva/voce taken together to obtain 40% marks in project work.

University of Mumbai





No. AAMS_UGS/ICC/2023-24/25

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office Circular No. UG/230 of 2017-18 dated 27th August, 2017 relating to the revised syllabus as per the (CBCS) for the S.Y.B. Sc. Chemistry (Sem - III & IV).

They are hereby informed that the recommendations made by the Board of Deans at its meeting held on 27th June, 2023 <u>vide</u> item No. 6.1 (R) have been accepted by the Academic Council at its meeting held on 27th June, 2023 <u>vide</u> item No. 6.1 (R) and that in accordance therewith, the **revised syllabus of**. S.Y.B. Sc. (Chemistry) (CBCS) (Sem – III & IV) has been brought into force with effect from the academic year 2023-24.

(The said circular is available on the University's website www.mu.ac.in).

(Prof. Sunil Bhirud) I/c. REGISTRAR

MUMBAI - 400 032 13th July, 2023

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.1(R) /27/06/2023

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology, .
- 2) The Chairman, Board of Studies Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

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Anandibal Raorane Arts, Commerce & Science Gollege, Vaihlawadi

University of Mumbai





No. AAMS_UGS/ICC/2023-24/32

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office Circular No. UG/35 of 2019-20 dated 17th June, 2019 relating to the revised syllabus as per the (CBCS) for the S.Y.B. Sc. in Physics Paper III in (Sem - III & IV).

They are hereby informed that the recommendations made by the Board of Deans at its meeting held on 04th July, 2023 vide item No. 6.1 (R) have been accepted by the Academic Council at its meeting held on 07th July, 2023 vide item No. 6.1 (R) and that in accordance therewith, the revised syllabus of S.Y.B. Sc. (Physics) (CBCS) (Sem - III & IV) has been brought into force with effect from the academic year 2023-24.

(The said circular is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 14th July, 2023

(Prof. Sunil Bhirud) I/c. REGISTRAR

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.1(R) /07/07/2023

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman. Board of Studies Physics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

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Aniversity of Mumbai



No. AAMS_UGS/ICC/2022-23/163

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No.UG/69 of 2016-17 dated 21st September, 2016 relating to the revised syllabus F.Y.B.Sc.(Physics) (Sem I & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Physics** at its meeting held on 10th May, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.15(R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.15 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Physics) (Sem.- I & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The circular is available on the University[®]s website <u>www.mu.ac.in</u>).

(Dr. Shailendra Deolankar) I/c Registrar

MUMBAI – 400 032

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.15(R)/11/07/2022

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Physics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

Aniversity of Mumbai



No. AAMS_UGS/ICC/2022-23/ 105

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No. UG/166 of 2016-17 dated 19th November, 2016 relating to the revised syllabus F.Y.B.Sc.(Chemistry) (Scm. 1 & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Chemistry** at its meeting held on 09th June, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.5 (R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.5 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032

(Dr. Shailendra Deolankar) I/c Registrar

October, 2022

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.5(R)/11/07/2022

No. AAMS_UGS/ICC/ 2022-23/105

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

(Dr. Shailendra Deolankar) I/c Registrar

Desktop/Circular Faculty of Science/priya

University of Alumbai



No. UG/ 7 of 2020-21

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty is invited to this office circular No.UG/57 of 2018-19, dated 6th July, 2018 relating to the revised syllabus for the F.Y.B.Sc/F.Y.B.A. in Mathematics (Sem. J & II).

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 11th March, 2020 vide item No.1 and subsequently made by the Board of Deans at its meeting held on 20th July, 2020 vide item No.54 have been accepted by the Academic Council at its meeting held on 23rd July, 2020 vide item No. 4.106 and that in accordance therewith, the revised syllabus practical book of F.Y. B.Sc./ F.Y.B.A. in Mathematics under the (CBCS) in 75:25 pattern has been brought into force with effect from the academic year 2020 -21 accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 November, 2020 To

> The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty. (Circular No.UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.106/23/07/2020

No. UG/1年 -A of 2020-21 MUMBAI-400 032 Copy forwarded with Compliments for information to:-

1 F November, 2020

(Dr. Vinod Patil)

I/c REGISTRAR

1) The Dean, Faculty of Humanities, Science & Technology,

- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-ordinator, University Computerization Centre,

(Dr. Vinod Patil) I/c REGISTRAR

University of Mumbai



No. UG/ 29 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/51 of 2017-18, dated 15th July, 2017 relating to the revised syllabus as per (CBCS) of F.Y.B.A. in Hindi (Compulsory & Ancillary) (Sem. I & II).

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 9th April, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 <u>vide</u> item No. 4.23 & 4.24 and that in accordance therewith, the revised syllabus as per the (CBCS) for the F.Y.B.A. Compulsory & Ancillary (Sem. I & II) in Hindi has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 3rd June, 2019

To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.23 & 4.24 /15/04/2019

No. UG/29 -A of 2019

MUMBAI-400 032

3rd June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

(Dr. Ajay Deshmukh) REGISTRAR

(Dr. Ajay Deshmukh)

REGISTRAR



UNIVERSITY OF MUMBAI No. UG/S of 2017-18

CIRCULAR:-

A reference is invited to the syllabi relating to the Bachelor of Arts (B.A.) Programme vide this office Circular No.UG/164 of 2016-17, dated 16th November, 2016 and the Principals of the affiliated Colleges in Arts are hereby informed that the recommendation made by the Board of Studies in Hindi at its meeting held on 4th March, 2017 has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item No.4.41 and that in accordance therewith, the revised syllabus as per the (CBCS) of F.Y.B.A. in Hindi (Compulsory & Ancillary) (Sem I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18 to 2019-20.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 15th July, 2017 To

The Principals of the affiliated Colleges in Arts

A.C/4.41/11/05/2017

No. UG/ 5 | -A of 2017

MUMBAI-400 032

15 July, 2017

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculty of Arts,
- 2) The Chairman, Board of Studies in Hindi,
- 3) The Offg. Director, Board of Examinations and Evaluation,
- 4) The Director of Board of Student Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

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(Dr.M.A.Khan) REGISTRAR

....PTO

UNIVERSITY OF MUMBAI No. UG/86 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B. A. degree course vide this office Circular No.UG/159 of 2011 dated 20th June, 2011 and the Principals of affiliated Colleges in Arts Colleges are hereby informed that the recommendation made by Board of Studies in History & Archaeology at its meeting held on 25th May, 2016 has been accepted by the Academic Council at its meeting held on 24th June, 2016 vide item No. 4.21 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for the F.Y.B.A. in History & Archaeology (Sem.I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.



MUMBAI - 400 032 October, 2016

To,

The Principals of affiliated Colleges in Arts.

A.C/4.21/24/06/2016

No. UG/86 -A of 2016-17

MUMBAI-400 032

25 October, 2016

Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Arts,
- 2) The Chairman, Board of Studies in History,
- 3) The Director, Board of College and University Development,
- 4) The Controller of Examinations,
- 5) The Co-Ordinator, University Computerization Centre.
- 6) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL)

(Dr.M.A.Khan) REGISTRAR

PTO ...



UNIVERSITY OF MUMBAI



Revised Syllabus for the S.Y.BA Program: B.A Course: ECONOMICS

SEMESTER III & IV APPLIED COMPONENT

(As per Credit Based Semester and Grading System with effect from the academic year 2017–2018)

UNIVERSITY OF MUMBAI No. UG/25 of 2018-19

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No.UG/21 of 2015-16, dated 17th July, 2015 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Hindi at its meeting held on 24th April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.2 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A. in Hindi-Sem. III & IV has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

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(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI-400 032 220d June, 2018 To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.2/05/05/2018

No. UG/25 -A of 2018

MUMBAI-400 032 22nd June, 2018

Copy forwarded with Compliments for information to:-

1) The I/c Dean, Faculty of Humanities,

- 2) The Chairman, Board of Studies in Hindi,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development, 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/189 of 2017-18

CIRCULAR:-

A reference is invited to the syllabi relating to the Bachelor of Arts (B.A.) Programme vide this office Circular No.UG/50 of 2012-13, dated 28th June, 2012 and the Principals of the affiliated Colleges in Arts are hereby informed that the recommendations made by the Board of Studies in History & Archaeology at its meeting held on 23rd February, 2017 has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item No.4.66 and that in accordance therewith, the revised syllabus as per the (CBCS) of S.Y.B.A. History (History & Archaeology) (Sem III & IV), which is available on the University's website (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18, accordingly.

MUMBAI - 400 032 9 August, 2017 To

The Principals of the affiliated Colleges in Arts.

A.C/4.66/11/05/2017

No. UG/189 -A of 2017

MUMBAI-400 032

9 August, 2017

(Dr.M.A.Khan)

REGISTRAR

Copy forwarded with Compliments for information to:- '

- 1) The Co-ordinator, Faculty of Arts and Humanites,
- 2) The Chairman, Board of Studies in History & Archaeology,
- 3) The Offg. Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

AFTIN

(Dr.M.A.Khan) REGISTRAR

PTO

UNIVERSITY OF MUMBAI No. UG/19/of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.A./B.Sc. degree course **vide** this office Circular No.UG/258 of 2011 dated 18th August, 2011 and the Principals of the affiliated Colleges in Arts & Science are hereby informed that the recommendation made by Board of Studies in Economics at its meeting held on 26th May, 2016 has been accepted by the Academic Council at its meeting held on 14th July, 2016 <u>vide</u> item No. 4.67 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for S.Y.B.A (Sem.III & IV)F.Y.B.Sc.(Sem. I & II) degree program in Microeconomics (Sem. I & II), which is available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 3 December, 2016

To,

The Principals of the affiliated Colleges in Arts & Science.

A.C/4.67/14.07.2016

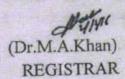
No. UG/19/-A of 2016

MUMBAI-400 032

3 December, 2016

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculties of Arts & Science,
- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.



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University of Mumbai



No. UG/27of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office Circular No. UG/299 of 2017-18, dated 7th November, 2017 relating to the revised syllabus as per (CBCS) of S.Y.B.A. Social Psychology Development Psychology and General Applied Component Option A Health Psychology, B Psychology of Adjustment, C Stress Management (Part I) (Sem. III) and (Part II) (Sem.IV).

They are hereby informed that the recommendations made by the Board of Studies in Psychology at its meeting held on 26th March, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 <u>vide</u> item No. 4.13 and that in accordance therewith, the revised syllabus as per the (CBCS) for the S.Y.B.A.(Sem.III & IV) Paper II Social Psychology, Paper III Development Psychology, Applied Components (a) Health Psychology, (b) Psychology of Adjustment, (c) Stress Management has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

(Dr. Ajay Deshmukh) REGISTRAR

MUMBAI - 400 032 1St June, 2019

To

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.13/15/04/2019

No. UG/ 27 -A of 2019

MUMBAI-400 032

1St June, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Psychology,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

abome (Dr. Ajay Deshmukh) REGISTRAR

UNIVERSITY OF MUMBAI No. UG/58 of 2018-19

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty is invited to this office circular No. UG/270 of 2017-18, dated 26th October, 2017 relating to syllabus of Bachelor of Arts.

They are hereby informed that the recommendations made by the Board of Studies in Economics at its meeting held on 18^{th} May, 2018 have been accepted by the Academic Council at its meeting held on 14^{th} June, 2018 <u>vide</u> item No. 4.3 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A. in Economics – Sem V & VI has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 G^{+h} June, 2018 To July

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.3/14/06/2018

No. UG/58 -A of 2018

MUMBAI-400 032

In June, 2018

(Dr. Dinesh Kamble)

I/c REGISTRAR

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Humanities,
- 2) The Chairman, Board of Studies in Economics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 6) The Co-Ordinator, University Computerization Centre,

UNIVERSITY OF MUMBAI No. UG/85 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the F.Y. B.Com degree course vide this office Circular No. UG/23 of 2012-13 dated 11th May, 2012 and the Principals of affiliated Colleges in Commerce are hereby informed that the recommendation made by Board Studies Business Economics at its meeting held on 27th May, 2016 has been accepted by the Academic Council at its meeting held on 24th June, 2016 <u>vide</u> item No. 4.17 and that in accordance therewith, the revised syllabus as per Choice Based Credit System in the course of Business Economics for F.Y.B.Com, for (Sem. 1 & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

INI I (Dr.M.A. Khan) REGISTRAR

MUMBAI - 400 032 25th October, 2016

The Principals of affiliated Colleges in Commerce. To,

A.C/4.17 /24/06/2016

MUMBA1-400 032

25 October, 2016

No. UG/85 - A of 2016-17 Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Commerce, 2) The Director, Board of College and University Development,
- 3) The Controller of Examinations, 4) The Professor-cum- Director, Institute of Distance and
- Open Learning (IDOL), 5) The Co-Ordinator, University Computerization Centre.

Alexin/1

(Dr.M.A. Khan) REGISTRAR PTO ..

UNIVERSITY OF MUMBAI No. UG/ 178 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com degree course <u>vide</u> this office Circular No. UG/140 of 2011 dated 14th June, 2011 and the Principals of affiliated Colleges in Commerce are hereby informed that the recommendation made by Board of Studies in Commerce at its meeting held on 21st June, 2016 has been accepted by the Academic Council at its meeting held on 14th July, 2016 <u>vide</u> item No. 4.79 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for F.Y.B.Com. in Mathematical and Statistical Techniques (Sem. I & II), which is available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI – 400 032 22 November, 2016

(Dr.M. Khan) REGISTRAR

To,

The Principals of affiliated Colleges in Commerce.

A.C/4.79 /14/07/2016

No. UG/ 178 -A of 2016-17 MUMBAI-400 032

22-November, 2016

Copy forwarded with compliments for information to:-

- 1) The Co-ordinator, Faculty of Commerce,
- 2) The Director, Board of College and University Development,
- 3) The Controller of Examinations,
- The Professor-cum- Director, Institute of Distance and Open Learning (IDOL),
- 5) The Co-Ordinator, University Computerization Centre.

(Dr.M.A. Khan) REGISTRAR

PTO ..

Aniversity of Mumbai



Revised Syllabus and Question Paper Pattern of Courses of Bachelor of Commerce Programme at Third Year Semester V and VI Under Choice Based Credit, Grading and Semester System

To be implemented from Academic Year 2018-2019

Faculty of Commerce

Faculty of Commerce, University of Mumbai 1| Page

UNIVERSITY OF MUMBAI No. UG/ 1530f 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course , vide this office Circular No. UG/127 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the proposal of the concern Chairperson of Ad-hoc Board of Studies in Botany approved by the Academic Council at its meeting held on 14th July, 2016 vide item No. 4.1 and that in accordance therewith, the revised paper pattern as per Choice Based Credit System for New Scheme of Examination (Theory Paper) Pattern of F.Y.B.Sc. (Botany) (Sem. I & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 16 November, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.1/14.07.2016

No. UG/15 3A of 2016

MUMBAI-400 032

/8 November, 2016

Copy forwarded with Compliments for information to:-

1) The Co-ordinator, Faculties of Science,

- 2) The Chairman, Board of Studies in Botany, 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- The Controller of Examinations.

Arisinill

(Dr.M.A.Khan) REGISTRAR

PTO ..

UNIVERSITY OF MUMBAI No. UG/166 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course , vide this office Circular No. UG/128 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Ad-hoc Board of Studies in Chemistry at its meeting held on 7th July, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 vide item No. 4.12 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for F.Y. B.Sc. programme in Chemistry (Sem. I & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

April 1/16 (Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 19 November, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.12/14.07.2016

19 November, 2016

MUMBA1-400 032

No. UG/166 -A of 2016

Copy forwarded with Compliments for information to:-

1) The Co-ordinator, Faculties of Science,

- 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

Apprilli

(Dr.M.A.Khan) REGISTRAR

PTO ..



UNIVERSITY OF MUMBAL No. UG/ 69 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course, vide this office Circular No. UG/131 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by Board Studies in Physics at its meeting held on 24th May, 2016 has been accepted by the Academic Council meeting held on 24th June, 2016 vide item No. 4.50 and that in accordance therewith, the revised syllabus as per the Credit Based Semester and Grading System for F.Y. B.Sc. Physics (Sem.I & II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan)

REGISTRAR

MUMBAI - 400 032 21 September, 2016

To.

The Principals of the affiliated Colleges in Science.

A.C/4.50/24.06.2016

No. UG/69 -A of 2016

MUMBAI-400 032

Q | September, 2016

Copy forwarded with Compliments for information to:-

1) The Deans, faculties of Science,

2) The Chairman, Board of Studies in Physics, 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)

4) The Director, Board of College and University Development,

5) The Co-Ordinator, University Computerization Centre,

6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

PTO ..

UNIVERSITY OF MUMBAI No. UG/ 180 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course , vide this office Circular No. UG/133 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Board of Studies in Statistics at its meeting held on 14th June, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 vide item No. 4.85 and that in accordance therewith, the revised syllabus as per the Choice Based Credit System for F.Y. B.Sc. programme in Statistics (Sem. I &II), which are available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI - 400 032 2.2 November, 2016

(Dr.M.A.Khan) REGISTRAR

To.

The Principals of the affiliated Colleges in Science.

A.C/4.85/14.07.2016

No. UG/180 - A of 2016

MUMBAI-400 032

22 November, 2016

Copy forwarded with Compliments for information to:-

- 1) The Co-ordinator, Faculties of Science,
- 2) The Chairman, Board of Studies in Zoology,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)
- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

(Dr.M.A.Khan)

REGISTRAR

PTO.

UNIVERSITY OF MUMBAI No. UG/19 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Sc. degree course, <u>vide</u> this office Circular No. UG/132 of 2011, dated 13th June, 2011 and the Principals of affiliated Colleges in Science are hereby informed that the recommendation made by the Board of Studies in Zoology at its meeting held on 29th June, 2016 has been accepted by the Academic Council meeting held on 14th July, 2016 <u>vide</u> item No. 4.80 and that in accordance therewith, the Scheme of Examination (Theory) & Paper Pattern as per the Choice Based Credit System for F.Y. B.Sc. programme in Zoology (Sem. I &II), which are available on the University's web site (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2016-17.

(Dr.M.A.Khan) REGISTRAR

MUMBAI - 400 032 2.2 November, 2016

To,

The Principals of the affiliated Colleges in Science.

A.C/4.80/14.07.2016

No. UG/ 179 - A of 2016

MUMBAI-400 032

22-November, 2016

Copy forwarded with Compliments for information to:-

1) The Co-ordinator, Faculties of Science,

- 2) The Chairman, Board of Studies in Zoology,
- 3) The Professor-cum-Director, Institute of Distance & Open Learning (IDOL)

- 4) The Director, Board of College and University Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Controller of Examinations.

(Dr.M.A.Khan) REGISTRAR

PTO ..

University of Mumbai



No. UG/55 of 2019-20

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty is invited to this office Circular No. UG/122 of 2018-19, dated 20th October, 2018 relating to the revised syllabus and Question Paper Pattern as per (CBCGSS) for the S.Y.B. Com. Programme (Sem. III & IV).

They are hereby informed that the recommendations made by the Board of Studies in Accountancy at its meeting held on 10th April, 2019 have been accepted by the Academic Council at its meeting held on 15th April, 2019 vide item No. 4.46 and that in accordance therewith, the revised Question Paper Pattern as per the (CBCS) for the S.Y.B.Com. Programme in Sem.III & IV of

a) Accountancy and Financial Management Paper - III

b) Financial Accounting and Auditing (Introduction to Management Accounting)

c) Accountancy and Financial Management Paper - IV

d) Financial Accounting and Auditing (Auditing),

has been brought into force with effect from the academic year 2019-20, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 12 July, 2019 To

(Dr. Ajay Deshmukh) REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.46/15/04/2019

No. UG/55 -A of 2019

MUMBAI-400 032

potryulys, 2019

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Commerce & Management,
- 2) The Chairman, Board of Studies in Accountancy,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL)
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

lour

(Dr. Ajay Deshmukh) REGISTRAR

UNIVERSITY OF MUMBAI No. UG/10of 2017-18

CIRCULAR:-

The Principals of the affiliated Colleges in Science and the Directors of recognized Science Institutions concerned are hereby informed that in continuation syllabi relating to Bachelor of Science degree Course (S.Y.B.Sc) passed by the Academic Council at its meeting held on 26/2/2015, vide item No. 4.33 and proposal received from Chairperson, Board of Studies in Botany has been accepted by the Academic Council at its meeting held on 11th May, 2017 vide item no. 4.214 and that in accordance therewith, the revised syllabus as per the (CBCS) for S.Y.B.Sc. Paper - II (Sem - III) Programme in the Course of Botany, which is available on the University's website (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2017-18.

REGISTRAR

MUMBAI - 400 032 arthJuly, 2017

To,

The Principals of the affiliated Colleges in Science and the Directors of Recognized Institutions concerned.

A.C/4.214/11.05.2017

No. UG/110 - A of 2017 MUMBAI-400 032

934 July, 2017

Copy forwarded with compliments for information to :-

1) The Co-ordinator, Faculty of Science,

2) The Offg. Director, c. Board of Examinations and Evaluation,

3) The Chairperson, Board of Studies in Botany,

4) The Director of Board of Studies Development,

5) The Professor-cum-Director, Institute of Distance and Open Learning.

6) The Co-Ordinator, University Computerization Centre.

REGISTRAR

.....PTO

UNIVERSITY OF MUMBAI No. UG/ Bobf 2017

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.A / B.Sc degree course, <u>vide</u> this office Circular No. UG/90 of 2012-13, dated 8th November, 2012 and the Principals of the affiliated Colleges in Arts & Science are hereby informed that the recommendation made by Board of Studies in Mathematics at its meeting held on 27th March, 2017, has been accepted by the Academic Council at its meeting held on 11th May, 2017 <u>vide</u> item No. 4.193 and that in accordance therewith, in revised syllabus as per the (CBCS) for S.Y.B.A / S.Y.B.Sc (Mathematics) (Sem III & IV) which is available on the University's website (<u>www.mu.ac.in</u>) and that the same has been brought into force with effect from the academic year 2017-18.

REGISTRAR

MUMBAI - 400 032

To.

The Principal of the affiliated Colleges in Arts / Science and the Head of Recognized Institutions concerned.

A.C/4.193/11.05.2017

No. UG/13 - A of 2017

MUMBAI-400 032

315 July, 2017

Copy forwarded with compliments for information to :-

1) The Co-ordinator, Faculty of Arts / Science,

2) The Offg. Director, Board of Examinations and Evaluation,

3) The Director, Board of Students Development,

- 4) The Professor-cum-Director, Institute of Distance and Open Learning.
- 5) The Co-Ordinator, University Computerization Centre.

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Circular 2014-15/Science/6

UNIVERSITY OF MUMBAI No. UG/14 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular No. UG/95 of 2015-16, dated 5th October, 2015 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Botany at its meeting held on 9th April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.25 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Botany (Sem -V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

> 1 ull and (Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 14 June, 2018 To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.25/05/05/2018

No. UG/14 -A of 2018

MUMBAI-400 032 14 June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Botany,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/7 30f 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular Nos. UG/156 of 2016-17, dated 16th November, 2016 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Chemistry at its meeting held on 28^{th} May, 2018 have been accepted by the Academic Council at its meeting held on 14^{th} June, 2018 <u>vide</u> item No. 4.41 and that in accordance therewith, the revised syllabus as per the (CBCS) for the Chemistry of T.Y.B.Sc. Physical Chemistry, Inorganic Chemistry, Organic Chemistry and Analytical Chemistry (Sem - V & VI) (3 and 6 Units) including Applied Component Drugs and Dyes, Heavy Fine Chemicals and Petrochemicals has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 6th June; 2018 July

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.41/14/06/2018

No. UG/ 73-A of 2018

MUMBAI-400 032

th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/9 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Sci. & Tech. Faculties is invited to this office Circular No.UG/122 of 2017-18 dated 28th July, 2017 relating to syllabus of the B.A./B.Sc. degree course.

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.71 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A./T.Y.B.Sc. in Mathematics (Sem. -V) Paper-I Integral Calculas, Paper-III Topology of Metric Spaces and (Sem.VI) Paper-I Basic Complex Analysis, Paper-III Topology of Metric Spaces and Real Analysis, has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

un and

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 12th June, 2018

To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Humanities, Sci. & Tech. Faculties. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.71/05/05/2018

No. UG/ 9 -A of 2018

MUMBAI-400 032 12^h June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculties of Humanities, Science & Technology,
- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,
- 6) The Professor-cum-Director, Institute of Distance & Open Learning.

Manh

UNIVERSITY OF MUMBAI No. UG/8 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular Nos. UG/264 of 2017-18, dated 23rd October, 2017, UG/287 of 2017-18, dated 30th October, 2017and UG/263 of 2017-18, dated 23rd October, 2017 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Physics at its meeting held on 23rd April, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 <u>vide</u> item No. 4.26 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Physics including Applied Component - Electronic Instrumentation (EI) & Computer Course (CS) (Sem -V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

March

(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 12⁴⁹ June, 2018

To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.26/05/05/2018

No. UG/ 8 -A of 2018

MUMBAI-400 032

12¹ June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Physics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/24 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular No. UG/108 of 2010, dated 29th May, 2010 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Board of Studies in Statistics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 <u>vide</u> item No. 4.70 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Statistics (Sem -V & VI) of Applied Component in the subject of Elements of Operation Research – I & II and Practical's based on theory, has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website <u>www.mu.ac.in</u>).

MUMBAI - 400 032 14th June, 2018

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(Dr. Dinesh Kamble) I/c REGISTRAR

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.70/05/05/2018

No. UG/24 -A of 2018

MUMBAI-400 032 14 Jun

14th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies in Statistics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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UNIVERSITY OF MUMBAI No. UG/51 of 2018-19

CIRCULAR:-

Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities and Sci. & Tech. Faculty is invited to this office Circular No. UG/107 of 2010, dated 29th May, 2010 and Circular No. UG/108 of 2010 dated 28th May, 2010 relating to syllabus of the B.A./B.Sc. degree course.

They are hereby informed that the recommendations made by the Board of Studies in Statistics at its meeting held on 3rd May, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.69 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.A./B.Sc. in Statistics (Sem - V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

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(Dr. Dinesh Kamble) I/c REGISTRAR

MUMBAI - 400 032 26th June, 2018 To

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Humanities and Sci. & Tech. Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.69/05/05/2018

No. UG/ 51 -A of 2018

MUMBAI-400 032 26th June, 2018

Copy forwarded with Compliments for information to:-

1) The I/c Dean, Faculty of Humanities and Science & Technology,

- 2) The Chairman, Board of Studies in Statistics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,

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Aniversity of Mumbai



No. AAMS_UGS/ICC/2022-23/ 105

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office circular No. UG/166 of 2016-17 dated 19th November, 2016 relating to the revised syllabus F.Y.B.Sc.(Chemistry) (Scm. 1 & II) (CBCS).

They are hereby informed that the recommendations made by the Board of Studies in **Chemistry** at its meeting held on 09th June, 2022 and subsequently passed in the Faculty and then by the Board of Deans at its meeting held on 5th July, 2022 <u>vide</u> item No. 6.5 (R) have been accepted by the Academic Council at its meeting held on 11th July, 2022 <u>vide</u> item No. 6.5 (R) and that in accordance therewith, the revised syllabus of F.Y.B.Sc.(Chemistry) (Sem . 1 & II) (CBCS), has been brought into force with effect from the academic year 2022-23. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032

(Dr. Shailendra Deolankar) I/c Registrar

October, 2022

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.5(R)/11/07/2022

No. AAMS UGS/ICC/ 2022-23/105

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.

(Dr. Shailendra Deolankar) I/c Registrar

Desktop/Circular Faculty of Science/priya

University of Alumbai



No. UG/ 7 of 2020-21

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty is invited to this office circular No.UG/57 of 2018-19, dated 6th July, 2018 relating to the revised syllabus for the F.Y.B.Sc/F.Y.B.A. in Mathematics (Sem. J & II).

They are hereby informed that the recommendations made by the Board of Studies in Mathematics at its meeting held on 11th March, 2020 vide item No.1 and subsequently made by the Board of Deans at its meeting held on 20th July, 2020 vide item No.54 have been accepted by the Academic Council at its meeting held on 23rd July, 2020 vide item No. 4.106 and that in accordance therewith, the revised syllabus practical book of F.Y. B.Sc./ F.Y.B.A. in Mathematics under the (CBCS) in 75:25 pattern has been brought into force with effect from the academic year 2020 -21 accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032 November, 2020 To

> The Principals of the affiliated Colleges and Directors of the recognized Institutions in Humanities, Science & Technology Faculty. (Circular No.UG/334 of 2017-18 dated 9th January, 2018.)

A.C/4.106/23/07/2020

No. UG/1年 -A of 2020-21 MUMBAI-400 032 Copy forwarded with Compliments for information to:-

1 FNovember, 2020

(Dr. Vinod Patil)

I/c REGISTRAR

1) The Dean, Faculty of Humanities, Science & Technology,

- 2) The Chairman, Board of Studies in Mathematics,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-ordinator, University Computerization Centre,

(Dr. Vinod Patil) I/c REGISTRAR