

**KARNATAKA STATE OPEN UNIVERSITY**  
**Ordinance related to M.Sc. Programmes of KSOU**  
(Framed under Section 24 of the KSOU ACT 1992)

**STATEMENT OF OBJECTS AND REASONS**

The dream of modern Karnataka as reflected in the vision document 2020 could be achieved only when the universities generate human resources that can meet the global challenges with more emphasis on reaching the rural, backward and remote areas. The formal University system cannot reach them due to various constraints. Therefore, Karnataka State Open University (KSOU) was established to take the lead to overcome the deficiencies and limitations of conventional universities.

Higher Education has been recognized as a primary tool for national development. Keeping in view the broad objectives of the UGC and other Regulatory Bodies, a brief reference study of global scenario and the growth of higher education in India with special reference to the State of Karnataka, this Ordinance is framed. The development of ODL system through infusion of new content, new direction and new thinking is the need of the day.

The University Grants Commission has published regulation governing Open Distance Learning (ODL) Regulations under Section 26(1) read with Clause (j) of Section 12(5) of the UGC Act, 1956 in the official Gazette of India dated 23.06.2017. The Regulation is mandatory and has to be followed by all the institutions offering Higher Education through Open and Distance Learning mode. Therefore, it has become necessary to frame a fresh Ordinance by incorporating various provisions of the UGC Regulations – 2017. Hence, this Ordinance is framed.

1. **TITLE:** This Ordinance shall be called “Karnataka State Open University Ordinance related to M.Sc. Programmes – 2017”.

2. **COMMENCEMENT**

This Ordinance shall come into force from the date on which it is assented to, by the Chancellor.

3. **DEFINITIONS:** In the Ordinance unless the context otherwise required,

- 1) “Act” means Karnataka State Open University Act - 1992.
- 2) “Academic Council” means Academic Council constituted under Section 19 of the Act.

  
**VICE-CHANCELLOR**  
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Mukthagangothri, Mysuru-570 006.

  
**REGISTRAR**  
Karnataka state Open University  
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M.Sc. in Biochemistry, M.Sc. in Biotechnology, M.Sc. in Chemistry, M.Sc. in Clinical Nutrition and Dietetics, M.Sc. in Computer Science, M.Sc. in Environmental Science, M.Sc. in Geography, M.Sc. in Mathematics, M.Sc. in Microbiology, M.Sc. in Physics, M.Sc. in Psychology, M.Sc. in Information Science and such other programmes as may be offered by the University from time to time.

**TABLE 1: Programmes offered at Post Graduate level under the School of Sciences.**

Sl. No.	Academic Programme	Eligibility Criteria
01	<b>M.Sc. Biochemistry</b>	All biological science Graduates and other bachelor degree holders who have studied science stream with biological sciences as one of the subjects at degree level. Nursing, B.E/B.Tech. Graduates in biological sciences are also eligible.
02	<b>M.Sc. Biotechnology</b>	All biological science/allied science Graduates and other bachelor degree holders who have studied science stream with biological sciences as one of the subjects at degree level. B.E/B.Tech. Graduates in biological sciences are also eligible.
03	<b>M.Sc. Chemistry</b>	Candidate from science stream at the PUC or 10+2 level with Mathematics as one of the subjects and Chemistry/Industrial Chemistry/ Biochemistry/Medicinal Chemistry shall be one of the cognate subjects during his/her bachelor degree from a recognized University.
04	<b>M.Sc. Clinical Nutrition &amp; Dietetics</b>	Bachelor degree in Science, Bachelor in Agriculture Science (Food and Nutrition), B.Sc. in Nursing, M.Sc. in Nursing, B. Pharma. (Minimum 3 years), MBBS, BAMS, BNYS, BUMS, BDS, BHMS, Post Graduate diploma in Nutrition and Dietetics (studied after any Bachelor's degree). GNM (3½ years) studied after 10+2 schooling.
05	<b>M.Sc. Computer Science</b>	B.Tech/AMIE/BE with Electrical & Electronics/Electronics Engineering/IT/IS/CS/Electronics & Communication/ Telecommunication/Medical Electronics/Mechatronics passed with 35% and above. B.Sc. (with Electronics/Computer Science/ Electrical/Medical Technology/Multimedia/Telecommunication/IT/Information Science)/BCA passed with 35% and above. B.Sc. with one year/2 semesters PG Diploma in Computer Science/Computer Application/Add-on course in Computer Science equivalent to six papers in computer Science passed with 35% and above.
06	<b>M.Sc. Environmental Science</b>	Bachelor Degree in Science / Engineering / Agriculture / Forestry / Horticulture / Veterinary / Fisheries / Medical / Pharmacy or equivalent degree from recognized University. B.E/ B.Tech. in Environmental Engineering/Biotechnology/ Chemical Engineering/Biochemical Engineering/Civil Engineering from a recognized University/ Institution.

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07	<b>M.Sc. Geography</b>	B.A./B.Sc./B.A.Ed/B.Sc.Ed. with Geography as one of the major subjects are eligible to seek admission to M.Sc. in Geography.
08	<b>M.Sc. Mathematics</b>	B.Sc./B.A/B.Sc.Ed. from recognized University with Mathematics as one of the major subjects. B.E./B.Tech. from a recognized University / Institution.
9	<b>M.Sc. Microbiology</b>	All Graduates of biological or allied sciences and other bachelor degree holders who have come through science stream with biological/allied sciences as one of the subjects at degree level. B.E/B.Tech. in biological sciences are also eligible.
10	<b>M.Sc. Physics</b>	Graduate in Science with Physics and Mathematics as major or minor papers or B.E /B.Tech.
11	<b>M.Sc. Psychology</b>	B.A/B.Sc. graduates who have studied Psychology as one of the optional subjects. Professional qualification like M.B.B.S./ M.D. or D.P.M (Psychiatry) B.Sc./M.Sc. in Nursing, M.A in social work, B.Sc./M.Sc. Speech and Hearing, B.Sc./M.Sc. in Physiotherapy, B.Sc./M.Sc. in Home science, B.Sc./M.Sc. in Food Science and Nutrition, B.Sc./M.Sc. in Human Development, B.Ed./ M.Ed. and M.P.Ed., B.Sc./M.Sc. in Psychiatry Nursing who have studied Psychology or Educational Psychology as a cognate subject and similar other equivalent degrees are also eligible for admission.
12	<b>M.Sc. Information Science</b>	Candidates seeking admission for M.Sc. Information Science shall fulfil any one of the following: i) Graduates in BCA /B.Sc. (IT/CS)/ AMIE/ BE/ B.Tech (CS/IS/Electronics) or any other related courses/subjects from any recognised University. ii) B.Sc. Graduates with mathematics as one of the major subjects. iii) Graduates in any discipline along with PGDIS (Post Graduate Diploma in Information Science).

**Note:**

- Every candidate shall possess the degree of a recognised University established under Law in India or any other degree treated as equivalent by a competent authority or by a equivalence Committee constituted by the University.
- No candidate is eligible to pursue the same programme of study for the second time unless otherwise he or she is qualified as per the norms prescribed by the UGC or the University or any other competent authorities.

**5. DURATION OF THE PROGRAMME:** The duration of the programme shall extend over four semesters spreading over two academic years.

  
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7. **THE MAXIMUM PERIOD FOR COMPLETION OF DEGREE:** Normally the candidate is expected to complete his programme within the minimum period as laid down by the University for a Specific Programme. However, a student who for whatever reasons is not able to complete the programme within the normal or minimum duration prescribed for the programme may be allowed a period of two years beyond the normal period to clear the backlog to be qualified for the degree. The general formula therefore is N+2 years (N = Normal/minimum duration prescribed for completion of the programme).

8. **CREDIT SYSTEM:** All M.Sc. Programmes offered by Karnataka State Open University is under credit system. Each course under credit system is assigned with 2-8 credits and one credit is 30 hours of study. The total credits assigned to all M.Sc. programmes are as under:

Duration of programme	Credits	Level of programme
Two years	64- 72	Master's Degree (General)

9. **MEDIUM OF INSTRUCTION:** The medium of instruction shall be in English. However, in case of M.Sc. Psychology the medium of instruction shall be in English or Kannada. The students of M.Sc. Geography can write examination in either in English or Kannada.

10. **COURSE STRUCTURE & SYLLABI:** Course structure and syllabi shall include internal assignments, counselling, contact programmes, students' responses, practical sessions case studies, projects, filed work, academic planning, learning resources, assessment and evaluation and such other relevant matters relating to study of a programme as decided by the Academic Council from time to time on the recommendations of concerned Board of Studies (BOS).

11. **COURSE OF STUDY & NUMBER OF CREDITS:** The student shall study the course/paper relating to his/her choice as mentioned in the TABLE-2

**TABLE-2: All M.Sc. Programmes  
PROGRAMME: M.Sc. in BIOCHEMISTRY**

**FIRST SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BC 1.1	4	20	80	32
BC 1.2	4	20	80	32
BC 1.3	3	20	80	32
BC 1.4	3	20	80	32
BC 1.5	2	10	40	16
BC 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BC 2.1	4	20	80	32
BC 2.2	4	20	80	32
BC 2.3	3	20	80	32
BC 2.4	3	20	80	32
BC 2.5	2	10	40	16
BC 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BC 3.1	4	20	80	32
BC 3.2	4	20	80	32
BC 3.3	3	20	80	32
BC 3.4	3	20	80	32
BC 3.5	2	10	40	16
BC 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max Marks	Min. Marks
BC 4.1	4	20	80	32
BC 4.2	4	20	80	32
BC 4.3	3	20	80	32
BC 4.4	3	20	80	32
BC 4.5	2	10	40	16
BC 4.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

Note: Course Exemption- 40% marks including the Internal Assessment

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**PROGRAMME: M.Sc. in BIOTECHNOLOGY**

**FIRST SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BT 1.1	3	20	80	32
BT 1.2	3	20	80	32
BT 1.3	4	20	80	32
BT 1.4	4	20	80	32
BT 1.5	2	10	40	16
BT 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**SECOND SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BT 2.1	4	20	80	32
BT 2.2	4	20	80	32
BT 2.3	3	20	80	32
BT 2.4	3	20	80	32
BT 2.5	2	10	40	16
BT 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**THIRD SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BT 3.1	3	20	80	32
BT 3.2	3	20	80	32
BT 3.3	4	20	80	32
BT 3.4	4	20	80	32
BT 3.5	2	10	40	16
BT 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

  
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### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
BT 4.1	3	20	80	32
BT4.2	3	20	80	32
BT 4.3	4	20	80	32
BT 4.4	4	20*	80	32
BT 4.5	2	10	40	16
BT 4.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

Note: Course Exemption- 40% marks including the Internal Assessment

\* Viva- voce is a compulsory component of Dissertation.

### PROGRAMME: M.Sc. in CHEMISTRY

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CH 1.1	3	20	80	32
CH 1.2	3	20	80	32
CH 1.3	4	20	80	32
CH 1.4	4	20	80	32
CH 1.5	2	10	40	16
CH 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CH 2.1	4	20	80	32
CH 2.2	4	20	80	32
CH 2.3	3	20	80	32
CH 2.4	3	20	80	32
CH 2.5	2	10	40	16
CH 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

  
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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CH 3.1	4	20	80	32
CH 3.2	4	20	80	32
CH 3.3	3	20	80	32
CH 3.4	3	20	80	32
CH 3.5	2	10	40	16
CH 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CH 4.1	4	20	80	32
CH 4.2	4	20	80	32
CH 4.3	3	20	80	32
CH 4.4	3	20	80	32
CH 4.5	2	10	40	16
CH 4.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

Note: Course Exemption- 40% marks including the Internal Assessment

### PROGRAMME: M.Sc. in CLINICAL NUTRITION AND DIETETICS

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CND 1.1	3	20	80	32
CND 1.2	4	20	80	32
CND 1.3	4	20	80	32
CND 1.4	3	20	80	32
CND 1.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CND 2.1	4	20	80	32
CND 2.2	3	20	80	32
CND 2.3	4	20	80	32
CND 2.4	3	20	80	32
CND 2.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

  
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**THIRD SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CND 3.1	4	20	80	32
CND 3.2	4	20	80	32
CND 3.3	3	20	80	32
CND 3.4	3	20	80	32
CND 3.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**FOURTH SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CND 4.1	4	20	80	32
CND 4.2	4	20	80	32
CND 4.3	4	20	80	32
CND 4.4	6	50*	150	60
<b>TOTAL</b>	<b>18</b>	<b>110</b>	<b>390</b>	<b>-</b>

**Note:** Course Exemption- 40% marks including the Internal Assessment

\* Viva – voce is a compulsory component of Dissertation.

**PROGRAMME: M.Sc. in COMPUTER SCIENCE**

**FIRST SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CS 1.1	4	20	80	32
CS 1.2	3	20	80	32
CS 1.3	4	20	80	32
CS 1.4	3	20	80	32
CS 1.5	2	10	40	16
CS 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**SECOND SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
CS 2.1	4	20	80	32
CS 2.2	4	20	80	32
CS 2.3	3	20	80	32
CS 2.4	3	20	80	32
CS 2.5	2	10	40	16
CS 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max Marks	Min. Marks
CS 3.1	4	20	80	32
CS 3.2	4	20	80	32
CS 3.3	3	20	80	32
CS 3.4	3	20	80	32
CS 3.5*	4	50	50	20
<b>TOTAL</b>	<b>18</b>	<b>130</b>	<b>370</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max Marks	Min. Marks
CS 4.1	4	20	80	32
CS 4.2	4	20	80	32
CS 4.3*	10	100	200	80
<b>TOTAL</b>	<b>18</b>	<b>140</b>	<b>360</b>	<b>-</b>

**Note:** Course Exemption- 40% marks including the Internal Assessment

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### PROGRAMME: M.Sc. in ENVIRONMENTAL SCIENCE

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
ES 1.1	3	20	80	32
ES 1.2	3	20	80	32
ES 1.3	4	20	80	32
ES 1.4	4	20	80	32
ES 1.5	2	10	40	16
ES 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
ES 2.1	3	20	80	32
ES 2.2	3	20	80	32
ES 2.3	4	20	80	32
ES 2.4	4	20	80	32
ES 2.5	2	10	40	16
ES 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

  
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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
ES 3.1	4	20	80	32
ES 3.2	3	20	80	32
ES 3.3	4	20	80	32
ES 3.4	3	20	80	32
ES 3.5	2	10	40	16
ES 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
ES 4.1	4	20	80	32
ES 4.2	4	20	80	32
ES 4.3	4	20	80	32
ES 4.4*	6	50	150	60
<b>TOTAL</b>	<b>18</b>	<b>110</b>	<b>390</b>	<b>-</b>

**Note:** Course Exemption- 40% marks including the Internal Assessment

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### PROGRAMME: M.Sc. in GEOGRAPHY

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
GEO 1.1	4	20	80	32
GEO 1.2	4	20	80	32
GEO 1.3	3	20	80	32
GEO 1.4	3	20	80	32
GEO 1.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
GEO 2.1	3	20	80	32
GEO 2.2	3	20	80	32
GEO 2.3	4	20	80	32
GEO 2.4	4	20	80	32
GEO 2.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
GEO 3.1	4	20	80	32
GEO 3.2	3	20	80	32
GEO 3.3	3	20	80	32
GEO 3.4	4	20	80	32
GEO 3.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
GEO 4.1	4	20	80	32
GEO 4.2	4	20	80	32
GEO 4.3	4	20	80	32
GEO 4.4*	6	50	150	60
<b>TOTAL</b>	<b>18</b>	<b>110</b>	<b>390</b>	<b>-</b>

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### PROGRAMME: M.Sc. in INFORMATION SCIENCE

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
IS 1.1	4	20	80	32
IS 1.2	3	20	80	32
IS 1.3	3	20	80	32
IS 1.4	4	20	80	32
IS 1.5	2	10	40	16
IS 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
IS 2.1	4	20	80	32
IS 2.2	4	20	80	32
IS 2.3	3	20	80	32
IS 2.4	3	20	80	32
IS 2.5	2	10	40	16
IS 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
IS 3.1	3	20	80	32
IS 3.2	3	20	80	32
IS 3.3	4	20	80	32
IS 3.4	4	20	80	32
IS 3.5	2	10	40	16
IS 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max Marks	Min. Marks
IS 4.1	4	20	80	32
IS 4.2	4	20	80	32
IS 4.3	3	20	80	32
IS 4.4*	7	50	150	60
<b>TOTAL</b>	<b>18</b>	<b>110</b>	<b>390</b>	<b>-</b>

**Note:** Course exemption- 40% marks including the Internal Assessment

\* Viva-voce is a compulsory component of Dissertation

### PROGRAMME: M.Sc. in MATHEMATICS

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MM 1.1	4	20	80	32
MM 1.2	4	20	80	32
MM 1.3	4	20	80	32
MM 1.4	3	20	80	32
MM 1.5	3	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MM 2.1	4	20	80	32
MM 2.2	4	20	80	32
MM 2.3	4	20	80	32
MM 2.4	3	20	80	32
MM 2.5	3	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

  
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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MM 3.1	4	20	80	32
MM 3.2	4	20	80	32
MM 3.3	4	20	80	32
MM 3.4	3	20	80	32
MM 3.5	3	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MM 4.1	4	20	80	32
MM 4.2	4	20	80	32
MM 4.3	3	20	80	32
MM 4.4	4	20	80	32
MM 4.5	3	20*	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

Note: \* Viva – voce is a compulsory component of Dissertation

### PROGRAMME: M.Sc. in MICROBIOLOGY

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MB 1.1	3	20	80	32
MB 1.2	3	20	80	32
MB 1.3	4	20	80	32
MB 1.4	4	20	80	32
MB 1.5	2	10	40	16
MB 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MB 2.1	3	20	80	32
MB 2.2	3	20	80	32
MB 2.3	4	20	80	32
MB 2.4	4	20	80	32
MB 2.5	2	10	40	16
MB 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

*[Signature]*  
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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MB 3.1	3	20	80	32
MB 3.2	3	20	80	32
MB 3.3	4	20	80	32
MB 3.4	4	20	80	32
MB 3.5	2	10	40	16
MB 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
MB 4.1	4	20	80	32
MB 4.2	3	20	80	32
MB 4.3	3	20	80	32
MB 4.4	4	20*	80	32
MB 4.5	2	10	40	16
MB 4.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**Note:** Course Exemption- 40% marks including the Internal Assessment

\* Viva – voce is a compulsory component of Dissertation

### PROGRAMME: M.Sc. in PHYSICS

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PHY 1.1	4	20	80	32
PHY 1.2	4	20	80	32
PHY 1.3	3	20	80	32
PHY 1.4	3	20	80	32
PHY 1.5	2	10	40	16
PHY 1.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PHY 2.1	4	20	80	32
PHY 2.2	4	20	80	32
PHY 2.3	3	20	80	32
PHY 2.4	3	20	80	32
PHY 2.5	2	10	40	16
PHY 2.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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### THIRD SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PHY 3.1	3	20	80	32
PHY 3.2	4	20	80	32
PHY 3.3	4	20	80	32
PHY 3.4	3	20	80	32
PHY 3.5	2	10	40	16
PHY 3.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

### FOURTH SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PHY 4.1	4	20	80	32
PHY 4.2	4	20	80	32
PHY 4.3	3	20	80	32
PHY 4.4	3	20	80	32
PHY 4.5	2	10	40	16
PHY 4.6	2	10	40	16
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

Note: Course Exemption- 40% marks including the Internal Assessment

### PROGRAMME: M.Sc. in PSYCHOLOGY

#### FIRST SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PSY 1.1	4	20	80	32
PSY 1.2	3	20	80	32
PSY 1.3	3	20	80	32
PSY 1.4	4	20	80	32
PSY 1.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

#### SECOND SEMESTER

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PSY 2.1	3	20	80	32
PSY 2.2	4	20	80	32
PSY 2.3	4	20	80	32
PSY 2.4	3	20	80	32
PSY 2.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

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**THIRD SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PSY 3.1	3	20	80	32
PSY 3.2	4	20	80	32
PSY 3.3	3	20	80	32
PSY 3.4	4	20	80	32
PSY 3.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**FOURTH SEMESTER**

Course code	Credits	IA Marks	Theory	
			Max. Marks	Min. Marks
PSY 4.1	4	20	80	32
PSY 4.2	3	20	80	32
PSY 4.3	3	20	80	32
PSY 4.4	4	20	80	32
PSY 4.5	4	20	80	32
<b>TOTAL</b>	<b>18</b>	<b>100</b>	<b>400</b>	<b>-</b>

**Note:** Course Exemption- 40% marks including the Internal Assessment

\* Viva – voce is a compulsory component of Project work

**12. CURRICULUM DESIGN AND DEVELOPMENT:** The curriculum, course of study, structural changes and such other modifications required for maintaining academic standards shall be developed by the concerned authorities of the University keeping in view the guidelines issued by the UGC or the University from time to time.

**13. NORMS FOR DELIVERY OF PROGRAMME THROUGH DISTANCE MODE:** The details of the norms for the delivery of programme shall be such as mentioned in this Ordinance and as amended from time to time by the UGC or the University. The schedule of counselling/contact programme, the place of counselling/contact programme, date of counselling/contact programme and such other details shall be notified by the University from time to time.

**TABLE – 3**

No. of Assignments	Practical Sessions	No. of Counseling Sessions Theory (10% of total study hours)	Size of SLMs Range (in terms of units, to be divided into blocks)	Study input	Credit Value of the course
1	60 hours	6 hours	6-8 units	60 hours	2 Credits
2	120 hours	12 hours	14-16 units	120 hours	4 credits
3	180 hours	18 hours	20-24 units	180 hours	6 credits
4	240 hours	24 hours	30-34 units	240 hours	8 credits

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**Table – 4**

**Contact Theory and Practical Sessions**

Four Courses with a total of 16 Credits per semester			
Number of Assignments	10-12 credits for theory and 6-4 Credits for practical courses		counselling for theory only Courses:  Four courses of 4 credits each
	contact sessions-practical**	Contact sessions-theory*	
Four per semester	60 hours of guided experiments with support of internal supervisor per 2 credits	40-48 hours	16 hours per course

Note:

\*Contact session up to the extent of 20% could be arranged by providing massive Open Online Courses and other online programme delivery systems.

\*\* Practical sessions to the extent of 20% could be provided through virtual laboratory mode

**14. NORMS FOR CREDIT STRUCTURE FOR SELF LEARNING MATERIAL DEVELOPMENT - NON-PRINT FORM :** The details of norms for credit structure for development of SLM–non-print form shall be such as mentioned in Table-5 and as amended from time to time by the UGC or the University.

**TABLE – 5**

No. of counseling sessions (theory)			Size of e-content (in terms of units)	Study input	Credit value of the course
Syn Chat 5%	Asyn** Discussion Forum (comp)	Syn* (#f2f)# (optl) 10%			
3 hrs	2-10 topics per course as per the subject	6 hrs	6-8 units	60 hours	2 credits
6 hrs	-do-	12 hrs	14-16 units	120 hours	4 credits
9 hrs	-do-	18 hrs	20-24 units	180 hours	6 credits
	-do-	24 hrs	30-34 units	240 hours	8 credits

\* Syn : Synchronous, \*\* Asyn: Asynchronous, #f2f : face-to-face

**15. CARRY OVER PROVISION:** The Candidates who fail in any of the lower semester is permitted to appear for the next semester.

  
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**21. POWER TO REMOVE DIFFICULTIES:** (1) If any difficulty arises in giving effect to the provisions of this Ordinance, the Vice-Chancellor may by order issue clarifications or directions to implement the relevant provisions of the Ordinance in consistency with the Act, Statutes, and Ordinance as appears to be necessary or expedient for removing difficulties.

(2) Every order made under this Clause shall be placed before the Board of Management/Academic Council for information.

(3) Provided that no Orders or Directions or Procedure shall be made after the expiry of three years from the date of the assent of this Ordinance.

**22. REPEAL AND SAVINGS:** Orders, ordinances, practices, procedures and other directions which are in force immediately prior to the commencement of this ordinance shall and shall always deemed to have been repealed.

Provided, any action taken or orders passed under the repealed ordinance or orders or directions is hereby validated as if this ordinance have not come into force.



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\* \* \* \* \*



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**VAJUBHAI VALA**  
**CHANCELLOR**

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