REGULATIONS GOVERNING THE CHOICE BASED CREDIT SYSTEM (CBCS) FOR THE TWO YEARS (FOUR SEMESTERS) MASTERS DEGREE PROGRAMMES IN THE FACULTIES OF ARTS, SCIENCE, COMMERCE AND EDUCATION.

(Framed under Section 44(1) (c) of the KSU Act 2000)

PREAMBLE:

The University Grants Commission, New Delhi in its eleventh plan guidelines directed the Universities in the country to implement the Choice Based Credit System (Semester Scheme) in both the under-graduate and post-graduate programmes. The Choice Based Credit System makes the product of a University at par with the global practices in terms of academic standards and evaluation strategies. In the emerging scenario of Internationalization of Indian Higher Education, it is imperative that the Universities in India should follow this system so that the mobility of their products both within and across the geographical jurisdiction becomes possible. Hence Mangalore University thought it fit to introduce the CBCS (Semester Scheme) in its post-graduate programmes.

The Salient Features of the Choice Based Credit System (CBCS) (Semester Scheme):

Each course in a programme shall carry certain number of credits, which normally represent the weightage of a course and are a function of teaching, learning and evaluation strategies such as number of contact hours, the course content, teaching methodology, learning expectations, etc. In the proposed programmes, the credits shall be based on the number of instructional hours per week, generally 1 credit per hour of instruction in theory and 1 credit for 2 hours of practical or project work or internship per week. Based on these, a two year or four semester post-graduate degree programme will have 22 to 26 credits per semester and a total of 100 credits per post-graduate degree programme.

The other features of the CBCS (Semester Scheme) are;

a) The P. G. degree programmes are structured on credit based semester scheme.
b) The relative importance of subjects of study and activities are quantified in terms of credits.
c) One choice based course of 4 credits shall be offered in the III semester of the programme within the faculty and / or across the faculty.
d) The declaration of result is based on the grade point average (GPA) earned towards the end of each semester and the Cumulative Grade Point Average (CGPA) earned towards the end of the programme with corresponding alpha – sign grade.

1. TITLE AND COMMENCEMENT:

i) These regulations shall be called "The Regulations Governing the Choice Based Credit System (CBCS) for the Two Years (Four Semesters) Masters Degree Programmes in the Faculties of Arts, Science, Commerce and Education".

ii) These regulations shall come into force from the date of assent of the Chancellor.

2. PROGRAMMES:

2.1 FACULTY OF ARTS:

i) Master of Arts (M. A.) in Applied Economics, Economics, English, History, Kannada, Political Science, Sanskrit, and Sociology.
ii) Master of Communication & Journalism (MCJ)
iii) Master of Social Work (M.S.W.)
iv) Master of Communication and Media Studies (MCMS)

2.2 FACULTY OF SCIENCE

i) Master of Science (M. Sc.) in Analytical Chemistry, Applied Botany, Applied Chemistry, Applied Zoology, Biochemistry, Biosciences, Biotechnology, Bioinformatics, Chemistry, Computer Science, Computer Software, Earth Science & Resource Management, Electronics, Environmental Science, Food Science & Technology, Geoinformatics, Holistic Psychological Counselling, Industrial Chemistry, Information System, Interior Design & Decoration, Marine Geology, Materials Science, Mathematics, Microbiology, Medicinal Chemistry, Organic Chemistry, Physics, Psychology, Radiation Physics, Renewable Energy Systems, Statistics, Software Technology, and Yogic Science.

ii) Master of Library and Information Science (M.L.I.Sc.)

2.3 FACULTY OF COMMERCE

i) Master of Business Administration (M.B.A.)
ii) M.B.A. (Executive)
iii) M.B.A. (Tourism Administration)
iv) Master of International Business (M.I.B)
v) Master of Commerce (M. Com.)
vi) M.Com. (Applied Finance & Accounting)
vii) M.Com. (Insurance & Bank Management)
viii) Master of Hospitality Management (M.H.M)
ix) Master of Human Resource Development (M.H.R.D)
x) M.Com. (Sales & Marketing)
xi) Master of Psychology (Human Resource Development & Management) {M.Psy. (H.R.D.M.)}

2.4 FACULTY OF EDUCATION:

i) Master of Physical Education. (M.P.Ed)

And any other courses in the faculties of Arts, Science, Commerce and Education introduced from time to time.

3. ELIGIBILITY FOR ADMISSION:

3.1 FACULTY OF ARTS:

3.1.1 **M.A. in Applied Economics:** Candidates who have passed the three year B.A. degree examination with Economics/ Foreign Trade or International Business or Business Economics or Banking as one of the optional subjects or B.Com. degree examination with Economics/Business Economics and Banking as compulsory papers or BBM/BBA/BBS/BMS or any other degree as equivalent thereto with Economics/Managerial Economics and Banking as compulsory papers/subjects or B.A./B.Com./B.B.A./B.S. in Foreign Trade or International Business or Business Economics or Banking are eligible for the programme provided they have secured 45% (40% for SC/ST/Category–I candidates) marks in aggregate including languages and Group III subjects.

3.1.2 **M.A. in Economics:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with Economics as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the subject.

3.1.3 **M.A. in English:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with English as major/optional/special subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in English. Candidates who have passed the respective language/ literature as a minor subject or first/second language/Additional English at the degree level are also eligible provided they have secured not less than 60% marks in aggregate in the respective minor subject, first/second language/Additional English. These marks are to be equated with the marks of optional English (the cognate subject) as follows:

1. 60% in English as first/second language is equal to 45% of optional English (the cognate subject)
2. 60% in English as minor subject/Additional English is equal to 48% of optional English (the cognate subject)

3.1.4 **M.A. in History:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with History/Ancient History/Archeology as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the subject.

3.1.5 **M.A. in Kannada:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with Kannada as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in Kannada. Candidates who have passed the respective language / literature as a minor subject or first/ second language at the degree level are also eligible provided they have secured not less than 60% marks in aggregate in the respective subject as a minor or first / second language. These marks are to be equated with marks of optional Kannada in the ratio of 60:45.

3.1.6 **M.A. in Political Science:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with Political Science as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the subject.

3.1.7 **M.A. in Sanskrit:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with Sanskrit as major/optional subject are eligible for admission to the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in Sanskrit. Candidates who have passed the respective language / literature as a minor subject or first/ second language at the degree level are also eligible provided they have secured not less than 60% marks in aggregate in the respective subject as a minor or first/ second language. These marks are to be equated with marks of optional Sanskrit in the ratio of 60:45.
Candidates who have passed Vidwatmadhyama conducted by the Karnataka Secondary Education Examination Board, Bangalore or Shastri/ Prakshiromani of Sanskrit Universities/Deemed Universities or Praveen Examinations conducted by the Endowment Department of Karnataka Government or any other degree equivalent thereto or B.A.M.S./ B.N.Y.S. or any other degree equivalent thereto are also eligible.

Candidates holding post graduate diploma in Sanskrit of any Indian University are also eligible for the programme.

3.1.8 **M.A. in Sociology:** Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with Sociology as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the subject.

3.1.9 **Master of Communication and Journalism (MCJ):** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% marks (40% for SC/ST/Category-I candidates) in aggregate including languages and Group III subjects. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.1.10 **Master of Social Work (MSW):** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in optionals. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.1.11 **Master of Communication and Media Studies (MCMS):** Candidates who have passed any Bachelors Degree examination of Mangalore University or any other examination considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% marks (40% for SC/ST/Category–I candidates)in aggregate including languages and Group III subjects. Selection

of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.1.12 Candidates who have passed the B.A.Ed. Degree Examination (Regional College Scheme) are eligible for the PG programmes in the Faculty of Arts provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the relevant subject and fulfill other conditions specified above for the relevant subject.

3. 2 FACULTY OF SCIENCE:

3.2.1 **M.Sc. in Analytical Chemistry/ Applied Chemistry/ Chemistry/ Industrial Chemistry/ Medicinal Chemistry/ Organic Chemistry:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Chemistry as optional/ major/ special subject with a minimum of 45% (40% for SC/ST/Category–I candidates) marks in the subject are eligible for the programme provided they have studied Physics and Mathematics as optional/ major/ special/ minor/subsidiary subjects either at B.Sc. or at P.U.C./ Higher Secondary level.

3.2.2 **M.Sc. in Applied Botany:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Botany as optional/ major/ special subject with not less than 45% (40% for SC/ST/Category–I candidates) marks in the subject are eligible for the programme provided they have studied Chemistry/Biochemistry as optional/major/ minor/ subsidiary subject at the undergraduate level.

3.2.3 **M.Sc. in Applied Zoology**: Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Zoology as optional/ major/ special subject with a minimum of 45% (40% for SC/ST/Category–I candidates) marks in the subject are eligible for the programme.

3.2.4 **M.Sc. in Biochemistry:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Biochemistry/Chemistry as optional/ major/special subject and any two of the following subjects – Botany, Zoology, Microbiology, Biotechnology, Pharmacognocy and Chemistry as major / optional / minor / subsidiary subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in Biochemistry/Chemistry.

3.2.5 **M.Sc. in Biosciences / Environmental Science;** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with any two of the following subjects – Botany, Zoology, Microbiology Biotechnology, Pharmacognocy and Environmental Science as optional / major / special subjects and also studied Chemistry / Biochemistry as optional / major / special subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in the subjects. However, in the case of U.G. programmes where there is one major and two minor/subsidiary subjects,

the candidates shall have studied one of the following subjects – Botany, Zoology, Microbiology and Environmental Science as major / special subject and the second as the minor/subsidiary in addition to studying Chemistry / Biochemistry as minor / subsidiary subject.

3.2.6 **M.Sc. in Biotechnology:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University with Life Science subjects or any other University considered as equivalent thereto provided they have studied Chemistry/ Biochemistry as one of the major/optional/subsidiary subject and have secured a minimum of 45% marks (40% in case of SC/ST/Category–I candidates) in aggregate excluding languages and group III subjects are eligible for the programme. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.2.7 **M.Sc. in Bioinformatics**: Candidates who have passed the three year B.Sc.degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme with a minimum of 45% (40% for SC/ST/Category-I candidates) in aggregate excluding languages and Group III subjects provided they have studied Chemistry/ Biology either at the degree level or at least at Pre-University. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.2.8 **M.Sc. in Computer Science/Computer Software / Information System / Software Technology:** Candidates who have passed any of the following Bachelor Degrees from Mangalore University or any other university considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ ST/ Category–I) aggregate marks excluding languages and group III subjects.

B.Sc. degree with Computer Science / Computer Applications (Vocational) as optional / major / subsidiary subjects or B.Sc. (Hons) degree with Computer Science / Computer Systems / Information Science / Information Systems or B.Sc. degree with Mathematics / Statistics / Physics / Electronics / Instrumentation as optional / major / subsidiary along with P.G. Diploma in Computer Applications / Computer Science / Information Technology or Bachelor of Computer Applications (BCA) or Bachelor of Computer Science (BCS) (Integrated Course) or Bachelor of Information Technology (BIT) or Bachelor of Information Science (BIS) or Bachelor of Engineering (BE) / Bachelor of Technology (B.Tech). Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.2.9 **M.Sc. in Earth Science and Resource Management:** Candidates who have passed any Bachelor Degree examination of Mangalore University with two science subjects / B.Sc. (Agriculture) / BE (Civil) or B.E (Mining) or any other examination considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in aggregate including languages and group III subjects.

3.2.10 **M.Sc. in Electronics:** Candidates who have passed any Bachelor Degree examination of Mangalore University with Electronics or Physics as optional / major / special subject with 45% (40% for SC/ST/Category–I candidates) marks in aggregate excluding languages and group III subjects are eligible for the Programme provided they have studied Mathematics at least at the pre university level. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.2.11 **M.Sc. in Geoinformatics/Marine Geology:** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other examination considered as equivalent thereto with any three science subjects or two Science subjects with Geography at the undergraduate level or B.E. in any subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in aggregate including languages and Group III subjects.

3.2.12 **M.Sc. in Holistic Psychological Counselling:** Candidate who have passed any Bachelor Degree examination with Psychology as one of the subjects or B.S.W. degree examination of Mangalore University or any other University considered as equivalent thereto or graduates with P.G. Diploma/ Diploma in counselling or graduates with at least 2 years of work experience as Counsellor are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) in aggregate including languages and Group III subjects.

3.2.13 **M.Sc. in Interior Design & Decoration:** Candidates who have passed three year B.Sc. Interior Design & Decoration examination of Mangalore University or any other University considered as equivalent thereto with designing as major / optional / special subjects are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) in aggregate.

3.2.14 **M.Sc. in Materials Science:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Physics as optional / major / special subject and Chemistry / Electronics / Instrumentation / Electronic Equipment Maintenance/ Computer Science / Statistics as major/optional or subsidiary subject with a minimum of 45% (40% for SC/ST/ Category–I candidates) marks in the two cognate subjects, separately. The candidates who have not studied Chemistry at the undergraduate level must have studied Chemistry at P.U.C./Higher Secondary level.

3.2.15 **M.Sc. in Mathematics:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered equivalent thereto with Mathematics as major / optional / special subject are eligible for the programmes provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in Mathematics.

3.2.16 **M.Sc. in Microbiology:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Microbiology or Botany or Zoology as major/ optional/special subject and Chemistry / Biochemistry as optional / major /

special / minor / subsidiary subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in the cognate subject.

3.2.17 **M.Sc. in Physics/ Radiation Physics:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Physics as major / optional / special subject are eligible for the programme provided they have studied Mathematics as major / optional / special / minor / subsidiary subject for at least two years and secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in Physics/Mathematics.

3.2.18 **M.Sc. in Psychology:** Candidates who have passed the three year B.A./B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Psychology as Major/Optional/special subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in the cognate subject.

3.2.19 **M.Sc. in Statistics:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Statistics and Mathematics provided they have studied at least one of them as major/optional/special subjects and the other as minor/subsidiary subjects and have secured a minimum of 45% (40% for SC/ ST/Category–I candidates) marks in Statistics and Mathematics are eligible for the programme. If the candidates with Statistics as major/ optional/ subsidiary/special subjects are not available then the graduates with Mathematics as an optional/major/special subjects may also be considered for the programme provided they have secured a minimum of 45% (40% for SC/ ST/Category–I candidates) marks in Mathematics.

3.2.20 **M.Sc. in Yogic science:** Candidates who have passed any Bachelor Degree or Post graduate Degree/Diploma examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in aggregate including languages and Group III subjects. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.2.21 **M.Sc. in Food Science & Technology:** Candidates who have passed the three years B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with a minimum of 45% (40% in case of SC/ST/Category–I candidates) marks in aggregate excluding languages and Group III subjects are eligible for the programme provided they have studied Chemistry/Biochemistry and any two of the following optional / major/special subjects:

Home Science, Horticulture, Forestry, Environmental Science, Biotechnology, Botany, Environmental Science, Microbiology, Pharmacognosy and Zoology.

Candidates who have passed Bachelor degree examination in Food Nutrition and Dietetics, Agriculture, Fishery Science and Engineering Biotechnology with

45% (40% in case of SC/ST/Category–I candidates)marks in aggregate excluding languages and Group III subjects are also eligible.

3.2.22 **M.Sc. in Renewable Energy Systems:** Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Physics as one of the optional/special/major subjects are eligible for the programme provided they have studied Chemistry and Mathematics either at degree level or at Pre-University and have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in aggregate including languages and Group III subject OR Engineering graduates with Mechanical/Civil/Electrical/Electronics/Chemical streams with 45% (40% in case SC/ST/Category–I candidates) marks in aggregate are also eligible for the programme.

3.2.23 **Master of Library and Information Science (M.L.I.Sc.):** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–1 Candidates) marks in aggregate including language and group III subjects.

3.2.24 Candidates who have passed the B.Sc. Ed. Degree examination (Regional College Scheme) are eligible for the Programmes in the Faculty of Science, provided they have secured a minimum of 45% (40% for SC/ST/Category–1 Candidates) marks in relevant subject and fulfill other conditions specified above for the relevant subject.

3.3 FACULTY OF COMMERCE:

3.3.1 **M.B.A:** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto, are eligible for the programme provided they have secured a minimum of 50% (45% for SC/ST/category-I candidates) marks in aggregate including language subjects. The eligibility criteria and admissions shall be as determined by the Government of Karnataka from time to time.

3.3.2 **M.B.A. (Executives):** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 50% (45% for SC/ST/category-I candidates) marks in aggregate including languages and Group III subjects. The candidate shall have work experience of at least three years at the middle management/ supervisory level in business/ industrial/ commercial/ other relevant organisations. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.3.3 **M.B.A (Tourism Administration):** Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST and category–I candidates) marks in aggregate including language subjects. Selection of candidates shall be on

merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.3.4 **Master of International Business (M.I.B.)**: Candidates who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 50% (45% for SC/ST and category–I candidates) marks in aggregate including language subjects. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.3.5 **M.Com:** Candidates who have passed the three year B.Com/B.B.M. degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have obtained not less than 45% (40% for SC/ST/Category–I candidates) marks in aggregate in all the subjects excluding languages and group III subjects.

3.3.6 **M.Com. (Applied Finance & Accounting):** Candidates who have passed the three year B.Com/B.B.M. degree examination of Mangalore University or any other University considered as equivalent thereto with finance/ accounting/ taxation as one of the subjects are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in aggregate excluding languages and Group III subjects.

3.3.7 **M.Com. (Insurance & Bank Management):** Candidates who have passed the three year B.Com./B.B.M. degree examination of Mangalore University or any other University considered as equivalent thereto with Accounting/Finance/Banking/Insurance as one of the subjects are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in aggregate in all the subjects excluding languages and group III subjects.

3.3.8 **Master of Hospitality Management (M.H.M.):** A candidate who have passed any Bachelor Degree examination of Mangalore University or any other University considered as equivalent thereto in Hotel Management/Hospitality Sciences/Catering Technology/Catering are eligible for the programme provided they have secured a minimum of 45% marks (40% for SC/ST/Category–I candidates) in aggregate including languages and Group III subjects.

Candidates who have passed three years diploma in Hotel Management and Catering Technology from any Institution recognised by the Government or its Agencies and have completed a three years under graduate degree or a two years post graduate degree in any stream from any recognised University with not less than 45% aggregate marks (40% for SC/ST/Category–I candidates) in both the diploma and under graduate/post graduate degree are also eligible for the programme.

3.3.9 **Master of Human Resource Development(M.H.R.D.):** A candidate who have passed any Bachelor Degree of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% marks (40% for SC/ST/Category–I candidates) in aggregate including languages and Group III subjects. Selection of candidates

shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.3.10 **M.Com. (Sales and Marketing):** Candidates shall have passed three years B.Com. or B.B.M. or B.B.A degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme proved they have secured a minimum of 45% (40% for SC/ST/Category-I Candidates) marks in aggregate including language subjects. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

3.3.11 **Master of Psychology in Human Resource Development and Management: (M.Psy. HRDM):** Candidates who have passed any Bachelor Degree Examination of Mangalore University or any other examination considered as equivalent thereto with Psychology as major/optional subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) in the subject.

3.4: FACULTY OF EDUCATION:

3.4.1 Master of Physical Education (M.P.Ed): Candidates who have passed B.P.Ed. degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 50% (45% for SC/ST/Category-I Candidates) marks in aggregate including language subjects. Candidates who have passed B.P.E degree examination of three years duration securing 50% marks (45% for SC/ST/Category-I Candidates) in aggregate are also eligible for the programme. Selection of candidates shall be on merit-cum-reservation on the basis of 50:50 weightage for marks in the entrance and qualifying examinations.

4. The candidates who already possess a Masters Degree in any subject and apply for admission to another Master Degree programme shall be considered for admission only after all other eligible candidates have been considered.

5. DURATION:

The duration of Master Degree Programmes shall extend over 4 semesters each of a minimum of 16 weeks (90 actual working days) of instruction and 2 to 3 weeks for preparation and examination.

6. MAXIMUM PERIOD FOR COMPLETION OF THE PROGRAMME:

The candidate shall complete the Master Degree programme within the period as prescribed in the regulations governing maximum period for completing various degree/diploma programmes.

7. MEDIUM OF INSTRUCTION: The medium of instruction shall be English/Kannada.

8. HOURS OF INSTRUCTION PER WEEK:

There shall be a minimum of 24 hours of instructions per week in subjects without practicals/field work and a minimum of 28 hours of instructions per week in subjects with practicals/field work. These hours may be distributed for lectures, seminars, tutorials, practicals, project work and other modes of instruction which individual courses may require.

9. ATTENDANCE:

Each course (theory, practical etc.) shall be treated as an independent unit for the purpose of attendance. A student shall attend a minimum of 75% of the total instruction hours in a course including tutorials and seminars in each semester. There shall be no provision for condonation of shortage of attendance and a student who fails to secure 75% attendance in a course shall be required to repeat that semester.

10. COURSE PATTERN:

10.1 In the faculties of Arts, Science, Commerce and Education, the number of credits per semester may vary from 22 to 26 with a total of 100 credits for the programme. The credits shall be based on the number of instructional hours per week, generally 1 credit per hour of instruction in theory and 1 credit for 2 hours of practical or project work or internship per week.

10.2 In the case of subjects without practicals there may be 5 theory courses/ papers each of 5 hours of instruction or 4 hrs of instruction and 1 hr of Seminar/ Tutorial/ Assignment/ Group Discussion/ Field Work per week in a semester. In the case of subjects with practicals, there may be 4 theory courses/ papers each of 4/5 hours instruction per week and the number of practical courses per week may vary as follows:

a) 4 practical courses each of 4 hours duration per week or
b) 2 practical courses each of 8 hours duration per week or
c) 3 practical courses each of 6 hours duration per week

10.3 One choice based course of 4 credits shall be offered in the III semester of the programme within the faculty and / or across the faculty.

10.4 Appendix 'A' gives a summary of the course patterns, hours of instructions per course/ paper per week, marks and credits assigned to different courses/papers in different subjects of study in the Post-Graduate Degree programmes in all the semesters of different faculties.

11. THE SCHEME OF EXAMINATION:

There shall be examinations at the end of each semester ordinarily during November/ December for odd semesters and during May/June for even

semesters. The details of schemes of examinations in various subjects are given in Appendix 'A'.

12. **INTERNAL ASSESSMENT:** Marks for internal assessment shall be awarded on the basis of seminars, field work, tests, assignments etc. as determined by the Board of Studies in the respective subject. The internal assessment marks shall be notified on the department / college notice board for information of the students and it shall be communicated to the Registrar (Evaluation) before the commencement of the University examinations, and the Registrar (Evaluation) shall have access to the records of such internal assessment evaluations.

13. **REGISTERING FOR THE EXAMINATIONS:** The candidate shall register for all the papers in the subject of a semester when he/she appears for the examination of that semester for the first time.

14. **VALUATION OF ANSWER SCRIPTS:**

14.1 Each written course/paper shall be valued by one internal examiner and one external examiner from the panel of examiners prepared by the concerned B.O.S. and approved by the University. Each practical examination shall be jointly conducted and evaluated by one internal examiner and one external examiner or two external examiners if there are no internal examiners.

14.2 A dissertation/project report/internship report shall be evaluated by two examiners, one external and one internal from the panel of examiners prepared by the concerned B.O.S. and approved by the University. Wherever there is viva-voce, it shall be conducted by the Common Viva-Board consisting of the Chairman (BOE), internal guide and two external experts as approved by the Registrar (Evaluation).

14.3 If the difference in marks between two valuations is more than 20% of the maximum marks, the Registrar (Evaluation) shall check the entries and the total marks assigned by the two valuers. If there is any mistake in totalling, it shall be rectified. While checking the total, if it is observed that any one or more of the answers is not valued by one of the valuers, the Registrar (Evaluation) shall advise the internal members of the Board of Examiners to value that answer. After receiving the marks, the Registrar (Evaluation) shall make the necessary corrections. Despite all these corrections, if the difference between the two valuations is still more than 20%, the Registrar (Evaluation) shall refer such answer scripts to the Chairman of the BOE for arranging third valuation by the examiners from among the approved panel of examiners.

14.4 In case of two valuations, the average of the two valuations and if there are three valuations, the average of the nearest two valuations shall be taken for declaring results.

15. CHALLENGE VALUATION:

15.1 A Candidate who has appeared for an examination conducted by Mangalore University may apply through the Department / College for Challenge Valuation on payment of the prescribed fee, within 20 days after the publication of the results or 10 days from the date of despatch of the marks cards by the Registrar (Evaluation) to the department / colleges whichever is later.

15.2 Procedure for challenge valuation shall be as per the guidelines framed by the University from time to time.

16. CLASSIFICATION OF SUCCESSFUL CANDIDATES:

The results of successful candidates at the end of each semester shall be declared in terms of Grade Point Average (GPA) and alpha – sign grade. The results at the end of the fourth semester shall be classified on the basis of the Cumulative Grade Point Average (CGPA) obtained in all the four semesters and the corresponding overall alpha – sign grade. An eight point grading system, alpha – sign grade as described below shall be adopted.

Eight Point Alpha – Sign Grading Scale:

Grade Point Average	<4	4-<5	5-<5.5	5.5-<6	6-<7	7-<8	8-<9	9-10
Alpha-Sign Grade:	D	C	B	B+	A	A+	A++	O (Outstanding)

The Grade Point Average (GPA) in a Semester and the Cumulative Grade Point Average (CGPA) at the end of fourth semester shall be computed as follows:

16.1 ***Computation of Grade Point Average*** **(GPA):** The grade points (GP) in a course shall be assigned on the basis of actual marks scored (end Semester examination and I.A.) in that course as per the table below provided they have secured a minimum of 35% marks in the end Semester examination. The candidate securing less than 35% marks in the end Semester examination in any unit/ theory/ practicals/ project work/ dissertation/ internship/ seminar shall be declared to have failed in that unit/ theory/ practicals.

% Marks	35-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100
Grade Points	4	4.5	5.0	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

The Grade Point Weights (GPW) shall then be calculated as the product of the grade points earned in the course and the credits for the course. The total GPW for a semester is obtained by adding the GPW of all the courses of the semester

The following are the sample illustrations of computing semester grade point averages (GPA), and cumulative grade point average (CGPA) and the alpha – sign grades assigned.

ILLUSTRATION 1 (25 Credits)

Papers	P1	P2	P3	P4	P5	Total
Maximum Marks	100	100	100	100	100	500
Marks obtained	67	73	58	76	64	338
% Marks Obtained	67	73	58	76	64	-
Grade Points Earned (G.P.)	7	7.5	6	8	6.5	-
Credits for the Course(C)/Paper	5	5	5	5	5	25
Total GPW = GP x C	35	37.5	30	40	32.5	175

The GPA shall then be computed by dividing the total GPW of all the courses of study by the total credits for the semester.

GPA = Total GPW / Total Credits = 175 / 25 = **7.0**
Semester Alpha Sign Grade: **A+**

ILLUSTRATION 2 (25 Credits)

Papers	P1	P2	P3	P4	P5	P6	P7	P8	P9	Total
Maximum Marks	100	100	100	100	50	50	50	50	25	625
Marks Obtained	54	52	58	61	38	36	37	41	18	476
% Marks Obtained	54	52	58	61	76	72	74	82	72	-
Grade Points Earned (G.P.)	5.5	5.5	6	6.5	8	7.5	7.5	8.5	7.5	-
Credits for the Course/Paper	4	4	4	4	2	2	2	2	1	25
Total GPW = GP x C	22	22	24	26	16	15	15	17	7.5	164.5

GPA = Total GPW / Total Credits = **172 / 25 = 6.58**
Semester Alpha Sign Grade: **A**

ILLUSTRATION 3 (24 Credits)

Papers	P1	P2	P3	P4	P5	P6	Total
Maximum Marks	100	100	100	100	100	100	600
Marks Obtained	45	42	46	43	46	48	270
% Marks Obtained	45	42	46	43	46	48	-
Grade Points Earned (G.P.)	4.5	4.5	5	4.5	5	5	-
Credits for the Course/Paper	4	4	4	4	4	4	24
Total GPW = GP x C	18	18	20	18	20	20	114.0

GPA = Total GPW / Total Credits = 114 / 24 = **4.75**
Semester Alpha Sign Grade: **C**

ILLUSTRATION 4 (24 Credits)

Papers	P1	P2	P3	P4	P5	P6	P7	P8	Total
Maximum Marks	100	100	100	100	50	50	50	50	600
Marks Obtained	67	73	78	76	42	44	39	37	456
% Marks Obtained	67	73	78	76	84	88	78	74	-
Grade Points Earned (G.P.)	7	7.5	8	8	8.5	9	8	7.5	-
Credits for the Course/Paper	4	4	4	4	2	2	2	2	24
Total GPW = GP x C	28	30	32	32	17	18	16	15	188.0

GPA = Total GPW / Total Credits = 188 / 24 = **7.83**

Semester Alpha Sign Grade: **A+**

ILLUSTRATION 5 (26 Credits)

Papers	P1	P2	P3	P4	P5	P6	P7	P8	Total
Maximum Marks	100	100	100	100	75	75	75	25	650
Marks Obtained	67	73	78	76	63	66	59	19	501
% Marks Obtained	67	73	78	76	84	88	78	74	-
Grade Points Earned (G.P.)	7	7.5	8	8	8.5	9	8	7.5	-
Credits for the Course/Paper	4	4	4	4	3	3	3	1	26
Total GPW = GP x C	28	30	32	32	25.5	27	24	7.5	206.0

GPA = Total GPW / Total Credits = 206 / 26 = **7.92**

Semester Alpha Sign Grade: **A+**

16.2 ***Calculation of Cumulative Grade Point Average (CGPA):*** **The Cumulative Grade Point Average (CGPA) at the end of the fourth semester shall be calculated as the weighted average of the semester GPW. The CGPA is obtained by dividing the total of GPW of all the four semesters by the total credits for the programme.**

ILLUSTRATION I

Semester	I	II	III	IV	Total
Semester Alpha Sign Grade	A+	A++	A+	A++	-
Semester GPA	7.63	8.0	8.13	8.5	-
Semester Credits	25	25	25	25	100
Semester GPW	190.8	200	203.3	212.5	806.5

Cumulative Grade Point Average (CGPA)

= Total of Semester GPW / Total Credits for the programme

= 806.5 / 100 = **8.07**

Programme Alpha Sign Grade: **A++**

ILLUSTRATION II

Semester	I	II	III	IV	Total
Semester Alpha Sign Grade	A+	A++	A+	A++	-
Semester GPA	7.63	8.0	8.13	8.5	-
Semester Credits	26	26	26	22	100
Semester GPW	198.4	208	211.4	187	804.8

Cumulative Grade Point Average (CGPA)

= Total of Semester GPW / Total Credits for the programme

= 804.8 / 100 **= 8.05**

Programme Alpha Sign Grade: **A++**

17. MINIMUM FOR A PASS:

17.1 A candidate shall be declared to have passed the PG program if he/she secures at least a CGPA of 4.0 (Course Alpha-Sign Grade C) in the aggregate of both internal assessment and semester end examination marks.

17.2 The candidates who pass all the semester examinations in the first attempts in two years are eligible for ranks provided they secure at least a CGPA of 6.0 (at least Alpha-Sign Grade A).

17.3 The results of the candidates who have passed the fourth semester examination but not passed the lower semester examinations shall be declared as NCL (Not Completed Lower semester examinations). Such candidates shall be eligible for the degree only after completion of all the lower semester examinations.

17.4 A candidate who passes the semester examinations in parts is eligible for only CGPA and Alpha-Sign Grade but not for ranking.

17.5 There shall be no minimum in respect of internal assessment and viva-voce marks.

17.6 A Candidate who fails in any of the unit/project work/Project Report/ dissertation shall reappear in that unit/project work/Project Report/ dissertation and pass the examination subsequently.

18. CARRY OVER PROVISION: Candidates who fail in a lower semester examinations may go to the higher semesters and take the examinations.

19. REJECTION OF RESULTS:

19.1 A candidate who fails in one or more papers of a semester may be permitted to reject the result of the whole examination of that semester. Rejection of result paper wise shall not be permitted. A candidate who rejects the results shall appear for the whole examination of that semester in the subsequent schedule of examinations.

19.2 Rejection shall be exercised only once in each semester and the rejection once exercised shall not be revoked.

19.3 Application for rejection along with payment of the prescribed fee shall be submitted to the Registrar (Evaluation) through the department/college together with the original statement of marks 45 days in advance of the pertinent semester examination whenever held.

19.4 A candidate who rejects the result is eligible for class and not for ranking.

20. IMPROVEMENT OF RESULTS:

20.1 A candidate who passes all the courses/ papers of a semester may be permitted to improve the result by reappearing for the whole examination of that semester.

20.2 The reappearance could be permitted twice during double the period without restricting it to the subsequent examination only. The regulation governing maximum period for completing various degree/ diploma programme notified by the University from time to time shall be applicable for improvement of results also.

20.3 The student could be permitted to apply for the improvement examination 45 days in advance of the pertinent semester examination whenever held.

20.4 If the candidate passes in all the subjects in the reappearance, higher of the two aggregate marks secured by the candidate shall be awarded to the candidate for that semester. In case the candidate fails in the reappearance, candidate shall retain the first appearance result.

20.5 A candidate who appears for improvement is eligible for class and not for ranking.

21. Internal assessment marks shall be shown separately in the marks card. A candidate who has rejected the result or who, having failed, takes the examination again or who has appeared for improvement shall retain the internal assessment marks already obtained.

22. A candidate who fails in any of the semester examinations may be permitted to take the examinations again at a subsequent appearance as per the syllabus and scheme of examination in vogue at the time the candidate took the examination for the first time. This facility shall be limited to the following two years and this provision may also be extended to a candidate who rejects or improves the result.

23. REPEAL AND SAVINGS:

23.1 The existing Regulations governing two years (four semesters) Masters degree programmes in the faculties of Arts, Science, Commerce and Education notified vide this Office Notification No. MU/ACC/CR.6/2002-03/A2, dated 29.7.2003 and

amendments thereon notified from time to time shall stand repealed. However, the existing regulations shall continue to be in force for the students who have been admitted to the course before the enforcement of this regulation.

23.2 The Regulations governing the Choice Based Credit System for the two years (four Semesters) Masters Degree Programmes in the faculties of Arts, Science and Commerce assented by the Chancellor on 26.08.2009 as communicated in Government letter No.ED 26 UDS 2009, dated 7.09.2009 was notified vide Notification No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 19.01.2010 is withdrawn vide circular No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 7.05.2010 since this Regulation does not enable the students to select the paper of their choice of other department, within or across the faculty. Hence, this regulation is hereby repealed.

APPENDIX "A"

DETAILS OF COURSE PATTERNS AND SCHEMES OF EXAMINATIONS ***IN VARIOUS SUBJECTS***

T – Theory
P - Practicals

I FACULTY OF ARTS:

i) Applied Economics/Communication / Economics / English / History / Kannada / Political Science / Sanskrit / Sociology/ Master of Communication and Media Studies (MCMS)

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
III	4T 1T Seminar	4x5 1x4 1	4x3 1x3 --	4x30 1x30 25	4x70 1x70 --	4x100 1x100 25	4x5 1x4 1
						Semester Total	25
IV	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
						Grand Total	100
In the IV semester there may be project work/dissertation in lieu of 1 or 2 papers.							

ii) Master of Communication and Journalism (MCJ):

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
III	1T 4T Participatory Discourse	1x4 4x5 1	1x3 4x3 --	1x30 4x30 25	1x70 4x70 --	1x100 4x100	1x4 4x5 1
						Semester Total	25
IV	1Dissertation 4T	1x5 4x5	- 4x3	- 4x30	1x100 4x70	1x100 4x100	5 20
						Semester Total	25
						Grand Total	100

iii) M.S.W.

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	1SWP	1x16	-	1x100 (Viva)	1x100 (Project Report)	1x200	1x8
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
IV	3T	3x4	3x3	3x30	3x70	3x100	3x4
	1SWP	1x16	-	1x100 (Viva)	1x100 (Project Report)	1x200	1x8
	1 Elective Or Project work	1x4 Or 1x8	1x2 Or -	1x30	1x70	1x100	1x4
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
						Grand Total	**100**

II. FACULTY OF SCIENCE:

i) Analytical Chemistry/ Applied Chemistry/ Chemistry/ Medicinal Chemistry/ Organic Chemistry:

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	4T	4x4	4x3	4x30	4x70	4x100	4x4
	4P	4x4	4x4	4x15	4x35	4x50	4x2
						Semester Total	**24**
In the I and II semesters, there may be soft course in lieu of one of the practicals with 2 hrs of theory instruction per week Or one hour of theory & 2 hours of practicals per week (Exam: 2 hrs of theory or 3 hrs of theory cum practicals)							
III/IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	3P	3x6	3x5	3x25	3x50	3x75	3x3
	Seminar	1	-	25	-	25	1
						Semester Total	**26**
						Grand Total	**100**
In the IV semester there may be project work/dissertation in lieu of 1 or 2 practicals.							

ii) Applied Botany / Applied Zoology / Biochemistry /Biosciences / Biotechnology / Bioinformatics/Environmental Science / Interior Design & Decoration / Physics/ Statistics / Marine Geology /Microbiology/ Radiation Physics

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III/IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	4P Or 2P	4x4 Or 2x8	4x3 Or 2x4	4x15 Or 2x30	4x35 Or 2x70	4x50 Or 2x100	4x2 Or 2x4
Seminar/Mini Project		1	-	25	-	25	1
						Semester Total	**25**
						Grand Total	**100**
In the IV semester there may be project work/dissertation in lieu of 1 or 2 practicals.							

iii) Computer Science/Computer Software / Information System / Software Technology

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	5T	5x4	5x3	5x30	5x70	5x100	5x4
	2P	2x6	2x4	2x25	2x50	2x75	2x3
						Semester Total	**26**
IV	Project work & viva 18+4 (IA+Dissertation: 150+300 & Viva: 100) Credits (36 Hrs. of Project work per week)						22
						Semester Total	**22**
Total						**Grand**	**100**

iv) Earth Science and Resource Management/Marine Geology

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	4P Or 2P	4x4 Or 2x8	4x2 Or 2x4	4x15 Or 2x30	4x35 Or 2x70	4x50 Or 2x100	4x2 Or 2x4
	Seminar and Field work	2	-	50	-	50	2
						Semester Total	26
IV	Dissertation, Survey-Field work & Viva(36 hrs of instruction per week), 12+6+4 Credits (300+150+100 Marks).						22
						Grand Total	**100**

v) Geoinformatics

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	4P Or 2P	4x4 Or 2x8	4x2 Or 2x4	4x15 Or 2x30	4x35 Or 2x70	4x50 Or 2x100	4x2 Or 2x4
	Seminar and Field work	2	-	50	-	50	2
						Semester Total	26
IV	Project work (IA+Dissertation+Viva: 100+350+100) (36 Hrs. of Project work per week)						22
						Grand Total	**100**

vi) Electronics/Renewable Energy Systems

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
IV	Project work & viva, 20+5 Credits (IA+Dissertation: 100+400 & Viva: 125) (40 Hrs. of Project work per week)						25
						Grand Total	**100**

vii) Food Science and Technology

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
						Semester Total	24
II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
						Semester Total	24
IV	3T	3x4	3x3	3x30	3x70	3x100	3x4
	1P	1x8	1x4	1x30	1x70	1x100	1x4
	Industrial & Institutional training	1x4	-	1x15	1x35	1x50	1x2
	Project work, 8 Credits (Dissertation: 150 & IA(Viva): 50) (16 Hrs. of Project work per week)						8
						Semester Total	26
						Grand Total	**100**

viii) Holistic Psychological counselling

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
						Semester Total	**24**
II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
IV	*2T	2x4	2x2	2x30	2x70	2x100	2x4
	Internship	20 hrs per week for at least 18 weeks		100	200	300	1x12
	Viva-voce	-	-	-	-	150	1x18
						Semester Total	**26**
						Grand Total	**100**
*In the IV Semester there may be a Dissertation based on Project work in lieu of 2 Theory Papers							

ix) Industrial Chemistry

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	4T	4x4	4x3	4x30	4x70	4x100	4x4
	4P	4x4	4x4	4x15	4x35	4x50	4x2
						Semester Total	**24**
In the I and II semesters, there may be soft course in lieu of one of the practicals with 2 hrs of theory instruction per week Or one hour of theory & 2 hours of practicals per week (Exam: 2 hrs of theory or 3 hrs of theory cum practicals)							
III/IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	3P	3x6	3x5	3x25	3x50	3x75	3x3
	Seminar	1	-	25	-	25	1
						Semester Total	**26**
IV	Project work & viva, 20+5 Credits (IA+Dissertation: 100+400 & Viva:75) (40 Hrs. of Project work per week)						25
	Seminar	1	-	25	-	25	1
						Semester Total	**26**
						Grand Total	**100**

x) Mathematics

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	**25**
III	4T 1T Seminar	4x5 1x4 1	4x3 1x3 --	4x30 1x30 25	4x70 1x70 --	4x100 1x100 25	4x5 1x4 1
						Semester Total	**25**
IV	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	**25**
						Grand Total	**100**

xi) Materials Science

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
III	5T	5x4	5x3	5x30	5x70	5x100	5x4
	1P	1x8	1x4	1x30	1x70	1x100	1x4
						Semester Total	**24**
IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Project work	4	-	15	35	50	2
						Semester Total	26
						Grand Total	**100**

xii) Psychology

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	1P	1x8	1x4	1x30	1x70	1x100	1x4
	Case studies, Field report & viva-voce	1x8	1x4	1x30	1x70	1x100	1x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
						Grand Total	**100**

xiii) Yogic Sciences

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
IV	2T	2x4	2x3	2x30	2x70	2x100	2x4
	1P	1x8	1x4	1x30	1x70	1x100	1x4
	Seminar	1	-	25	-	25	1
	Project work & viva, 8+4 Credits (Dissertation: 200 & Viva: 100) (16 Hrs. of Project work per week)						12
						Semester Total	25
						Grand Total	**100**

xiv) M.L.I.Sc.

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	4T	4x5	4x3	4x30	4x70	4x100	4x5
	2P	2x4	2x4	2x15	2x35	2x50	2x2
	Seminar	1	-	25	-	25	1
						Semester Total	25
III	5T	5x4	5x3	5x30	5x70	5x100	5x4
	1P	1x4	1x4	1x15	1x35	1x50	1x2
	Seminar	1	-	25	-	25	1
	Work Experience & Library Tour	2	-	50	-	50	2
						Semester Total	25
IV	4T	4x5	4x3	4x30	4x70	4x100	4x5
	1P	1x4	1x4	1x15	1x35	1x50	1x2
	Seminar	1	-	25	-	25	1
	Project work	4	-	-	50	50	2
						Semester Total	25
						Grand Total	**100**

III. FACULTY OF COMMERCE

i) M.B.A. / M.B.A. (Executive) / M.H.R.D.

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
III	4T 1T Seminar	4x5 1x4 1	4x3 1x3 --	4x30 1x30 25	4x70 1x70 --	4x100 1x100 25	4x5 1x4 1
						Semester Total	25
IV	5T	5x4	5x3	5x30	5x70	5x100	5x4
	1 Project*	1x10	-	-	1x100	1x100	1x5
						Semester Total	25
						Grand Total	**100**

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

ii) M.B.A. (Tourism Administration)

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I	7T	7x4	7x3	7x30	7x70	7x100	7x4
						Semester Total	28
II	6T Viva	6x4 -	6x3 -	6x30 -	6x70 -	6x100 50	6x4 1
						Semester Total	25
III	6T	6x4	6x3	6x30	6x70	6x100	6x4
						Semester Total	24
IV	5T	5x4	5x3	5x30	5x70	5x100	5x4
	1 Project * Viva	- -	- -	- -	- -	100 50	2 1
						Semester Total	23
						Grand Total	**100**

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

iii) Master of International Business (M.I.B.):

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	6T	6x4	6x3	6x30	6x70	6x100	6x4
						Semester Total	24
IV	6T	6x4	6x3	6x30	6x70	6x100	6x4
	1 Project *	1x8	-	-	1x100	1x100	1x4
						Semester Total	28
						Grand Total	**100**

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

iv) M.Com.

Semester	**Paper**	**Instruction hrs/week**	**Duration of Exam(hrs)**	**Marks**			**Credits**
				IA	**Exam**	**Total**	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
III	4T 1T Seminar	4x5 1x4 1	4x3 1x3 --	4x30 1x30 25	4x70 1x70 --	4x100 1x100 25	4x5 1x4 1
						Semester Total	25
IV	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
* In the IV semester there may be project work/dissertation in lieu of 1 or 2 papers.							
						Grand Total	**100**

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

v) M. Com. (Applied Finance & Accounting/ M.Com (Insurance & Bank Management)

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	6T	6x4	6x3	6x30	6x70	6x100	6x4
						Semester Total	24
IV	6T	6x4	6x3	6x30	6x70	6x100	6x4
	1 Project *	1x8	-	-	1x100	1x100	1x4
						Semester Total	28
						Grand Total	100

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

vi) M.H.M.

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II	5T	5x5	5x3	5x30	5x70	5x100	5x5
						Semester Total	25
III	4T 1T Seminar	4x5 1x4 1	4x3 1x3 --	4x30 1x30 25	4x70 1x70 --	4x100 1x100 25	4x5 1x4 1
						Semester Total	25
IV	2T	2x5	2x3	2x30	2x70	2x100	2x5
	1 Project *	1x10	-	1x50	1x100	1x150	1x5
	Dissertation Project work and Viva, 8+2 Credits (IA 75, Dissertation 100 and Viva 50) (20 hrs Project Work per week)						10
						Semester Total	25
						Grand Total	100

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

vii) M.Com (Sales and Marketing)

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	6T	6x4	6x3	6x30	6x70	6x100	6x4
						Semester Total	**24**
IV	Internship, 28 hrs per week for at least 2 months (IA+Internship Report +Viva, 2+10+2 Credits (50+250+50 Marks).						14
	* Project work, 28 hrs per week for at least 2 months (IA+Dissertation +Viva, 2+10+2 Credits (50+250+50 Marks).						14
						Semester Total	**28**
						Grand Total	**100**

* One instruction hour per student per project guide per week shall be allocated during the third and fourth semesters for project guidance.

viii) M.Psy. in HRDM

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	25
IV	4T	4x4	4x3	4x30	4x70	4x100	4x4
	3P	3x6	3x4	3x25	3x50	3x75	3x3
						Semester Total	25
						Grand Total	**100**

IV. FACULTY OF EDUCATION

i) Master of Physical Education (MPEd)

Semester	Paper	Instruction hrs/week	Duration of Exam(hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	1P(Spec)	1x8	1x4	1x30	1x70	1x100	1x4
	2P	2x6	2x4	2x30	2x70	2x100	2x3
						Semester Total	**26**
IV	3T	3x4	3x3	3x30	3x70	3x100	3x4
	1P(Spec)	1x8	1x4	1x30	1x70	1x100	1x4
	1P	1x4	2x4	1x30	1x70	1x100	1x2
	1 Elective Or Dissertation	1x4 Or 1x8	1x3 Or ----	1x30	1x70	1x100	1x4
						Semester Total	**22**
						Grand Total	**100**

NOTE: The first paper in the III Semester of all the PG programme is a Choice Based Course. (Assented by the Chancellor on 8.06.2011 as communicated in Government letter No.ED 18 UDS 2010, dated 13.06.2011 and notified under Notification No.MU/ ACC/ CR.3/ 2010-11/A2, dated 21.06.2011)

Sd/- REGISTRAR

AMENDMENTS TO REGULATIONS GOVERNING THE CHOICE BASED CREDIT SYSTEM (CBCS) FOR THE TWO YEARS (FOUR SEMESTERS) MASTERS DEGREE PROGRAMMES IN THE FACULTIES OF ARTS, SCIENCE, COMMERCE AND EDUCATION.

(Framed under Section 44(1) (c) of the KSU Act 2000)

PREAMBLE:

The Regulations governing the Choice Based Credit System (CBCS) for two years (four semesters) Master's Degree Programmes in the faculties of Arts, Science, Commerce and Education assented by His Excellency, the Chancellor on 8.06.2011 as communicated in Government letter ED 18 UDS 2010, dated 13.06.2011 has been notified vide this office Notification No.MU/ACC/CR.3/2010-11/A2, dated 21.06.2011 for implementation with effect from the academic year 2011-12 and onwards.

M.Sc.Holistic Psychological Counselling is one of the courses coming under the faculty of Science of this regulations and offered by autonomous institutions of Mangalore University. Since the word 'Holistic' has a spiritual connotation and is often misunderstood which is evidenced by the feedback received from the students and parents, the Boards of studies of one of the autonomous institution has decided to change its nomenclature as "M.Sc.in Counselling" and another institution has decided to introduce a new course as "M.Sc. in Corporate Psychology".

Further, the Board of Studies of autonomous college offering M.Sc. in Criminology and Forensic Science has decided to include B.A.degree in Detective Science of Mangalore University or its equivalent under the eligibility criteria for admission to this course.

Above modifications have to be incorporated in the Regulations governing the Choice Based Credit System (CBCS) for two years (four semesters) Master's Degree Programmes in the faculties of Arts, Science, Commerce and Education. Hence, this amendments,

EXISTING	AS AMENDED
2.2 FACULTY OF SCIENCE: i) Master of Science (M. Sc.) in Analytical Chemistry, Applied Botany, Applied Chemistry, Applied Zoology, Biochemistry, Biosciences, Biotechnology, Bioinformatics, Chemistry, Computer Science, Computer Software, Earth Science & Resource Management, Electronics, Environmental Science, Food Science & Technology, Geo-informatics, Holistic Psychological Counselling, Industrial Chemistry, Information System, Interior Design & Decoration, Marine Geology, Materials Science, Mathematics, Microbiology, Medicinal Chemistry, Organic Chemistry, Physics, Psychology, Radiation Physics, Renewable Energy Systems, Statistics, Software Technology and Yogic Science.	2.2 FACULTY OF SCIENCE: i) Master of Science (M. Sc.) in Analytical Chemistry, Applied Botony, Applied Chemistry, Applied Zoology, Biochemistry, Biosciences, Biotechnology, Bioinformatics, Chemistry, Computer Science, Computer Software, **Counselling, Corporate Psychology, Criminology and Forensic Science**, Earth Science & Resource Management, Electronics, Environmental Science, Food Science & Technology, Geo-informatics, Industrial Chemistry, Information System, Interior Design & Decoration, Marine Geology, Materials Science, Mathematics, Microbiology, Medicinal Chemistry, Organic Chemistry, Physics, Psychology, Radiation Physics, Renewable Energy Systems, Statistics, Software Technology and Yogic Science .

3. ELIGIBILITY FOR ADMISSION: **3.2.12 M.Sc. in Holistic Psychological Counselling:** Candidate who have passed any Bachelor Degree examination with Psychology as one of the subjects or B.S.W. degree examination of Mangalore University or any other University considered as equivalent thereto or graduates with P.G. Diploma/ Diploma in counselling or graduates with at least 2 years of work experience as Counsellor are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) in aggregate including languages and Group III subjects.	3. ELIGIBILITY FOR ADMISSION 3.2.12 **M.Sc. in Counselling:** Candidate who have passed any Bachelor Degree examination with Psychology as one of the subjects or B.S.W. degree examination of Mangalore University or any other University considered as equivalent thereto or graduates with P.G. Diploma/ Diploma in counselling or graduates with at least 2 years of work experience as Counsellor are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) in aggregate including languages and Group III subjects.
3.2.23 NIL	3.2.23 **M.Sc. in Corporate Psychology:** Candidates who have passed the three year degree examination in Psychology /Commerce/Business Administration/ Business Management/ Human Resource Development/ Hotel Management/ or a degree in Social Work of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category–I candidates) marks in aggregate including languages and Group III subjects.
3.2.24 **NIL**	3.2.24 **M.Sc. in Criminology and Forensic Science;** Candidates who have passed B.A./B.Sc. degree with criminology/ Forensic Science/ Criminology & Forensic Science/ Computer Applications/ Computer Science or B.A. degree with Psychology/ Journalism or B.Sc. with Physics/ Chemistry/ Botany/ Zoology/ Micro-biology/ Bio-Chemistry/ Bio-Technology/ Statistics as an optional subjects are eligible for the programme provided they have secured 45% in the subject(40% for SC/ST/Category-I candidates). Candidates who have passed LLB/ B.A.LLB (Integrated course)/ **B.A.in Detective Science** are also eligible for the programme provided they have secured a minimum of 45% (40% for SC/ ST/ Category–I candidates) marks in aggregate including languages and Group III subjects. The candidates who have studied Science subjects at PUC/higher secondary level and obtained any Bachelor degree considered equivalent by Mangalore University are also eligible for the programme provided they have secured minimum marks prescribed above at undergraduate level. .

23. REPEAL AND SAVINGS: 23.1 The existing Regulations governing two years (four semesters) Masters degree programmes in the faculties of Arts, Science, Commerce and Education notified vide this Office Notification No. MU/ACC/CR.6/2002-03/A2, dated 29.7.2003 and amendments thereon notified from time to time shall stand repealed. However, the existing regulations shall continue to be in force for the students who have been admitted to the course before the enforcement of this regulation.	**23. REPEAL AND SAVINGS:** 23.1 The existing Regulations governing two years (four semesters) Masters degree programmes in the faculties of Arts, Science, Commerce and Education notified vide this Office Notification No. MU/ACC/CR.6/2002-03/A2, dated 29.7.2003 and amendments thereon notified from time to time shall stand repealed. However, the existing regulations shall continue to be in force for the students who have been admitted to the course before the enforcement of this regulation.
23.2 The Regulations governing the Choice Based Credit System for the two years (four Semesters) Masters Degree Programmes in the faculties of Arts, Science and Commerce assented by the Chancellor on 26.08.2009 as communicated in Government letter No.ED 26 UDS 2009, dated 7.09.2009 was notified vide Notification No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 19.01.2010 is withdrawn vide circular No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 7.05.2010 since this Regulation does not enable the students to select the paper of their choice of other department, within or across the faculty. Hence, this regulation is hereby repealed.	23.2 The Regulations governing the Choice Based Credit System for the two years (four Semesters) Masters Degree Programmes in the faculties of Arts, Science and Commerce assented by the Chancellor on 26.08.2009 as communicated in Government letter No.ED 26 UDS 2009, dated 7.09.2009 was notified vide Notification No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 19.01.2010 is withdrawn vide circular No.: MU/ ACC/ CR.24/ 2009-10/ A2, dated 7.05.2010 since this Regulation does not enable the students to select the paper of their choice of other department, within or across the faculty. Hence, this regulation is hereby repealed.
23.3 **NIL**	23.3 The Regulations governing M.Sc. in Criminology and Forensic Science degree Programme assented by the Chancellor on 13.8.2010 as communicated in Government letter No.ED 12 UDS 2010 dated 23.8.2010 and notified by this office Notification No.MU/ACC/CR10/2009-10/A2 dated 4.9.2010 is hereby repealed.

APPENDIX 'A'

AMENDMENT TO COURSE PATTERN AND SCHEME OF EXAMINATIONS RELATING TO COURSES CONCERNED

T – Theory P - Practicals D – Dissertation

II. FACULTY OF SCIENCE:

viii) Counselling

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
						Semester Total	**24**
II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
IV	*2T	2x4	2x2	2x30	2x70	2x100	2x4
	Internship	20 hrs per week for at least 18 weeks		100	200	300	1x12
	Viva-voce	-	-	-	-	150	1x18
						Semester Total	**26**
						Grand Total	**100**

*In the IV Semester there may be a Dissertation based on Project work in lieu of 2 Theory Papers

xv) Corporate Psychology

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I/II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1
						Semester Total	**25**
IV	Internship	20	-	100	200	300	12
	Dissertation	6	4	100	200	300	8
	Viva-Voce	-	-	-	-	150	5
						Semester Total	**25**
						Grand Total	**100**

xvi) Criminology and Forensic Science

Semester	Paper	Instruction hrs/week	Duration of Exam (hrs)	Marks			Credits
				IA	Exam	Total	
I	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
						Semester Total	**24**
II/III	4T	4x4	4x3	4x30	4x70	4x100	4x4
	2P	2x8	2x4	2x30	2x70	2x100	2x4
	Seminar	1	-	25	-	25	1x1
						Semester Total	**25**
IV	3T	3x4	3x2	3x30	3x70	3x100	3x4
	1P	1x8	1x4	1x30	1x70	100	1x4
	Dissertation Viva-voce	1x10	-	-	150 100	250	1x10
						Semester Total	**26**
						Grand Total	**100**

(Assented by His Excellency, the Chancellor on 05.06.2013 as communicated in Government letter No.ED 9 UDS 2013 dated 19.06.2013 and notified under Notification No.MU/ACC/CR.46/2012-13/A2, dated 5.07.2013)

Sd/-

. REGISTRAR.