UNIVERSITY OF MYSORE

CHOICE BASED CREDIT SYSTEM
HANDBOOK OF COURSES
2012-2013 BATCH

Message from the Vice-chancellor

The University Grants Commission (UGC) has stressed on speedy and substantive academic and administrative reforms in higher education for promotion of quality and excellence. The Action Plan proposed by UGC outlines the need to consider and adopt Semester System, Choice Based Credit System (CBCS), and Flexibility in Curriculum Development and Examination Reforms in terms of adopting Continuous Evaluation Pattern by reducing the weightage on the semester-end examination so that students enjoy a de-stressed learning environment. Further, UGC expects that institutions of higher learning draw a roadmap in time bound manner to accomplish the above.

The University of Mysore inspired by its recognition as an Institution of Excellence by the Government of India (2008) and identified by Government of Karnataka to be developed as innovative university (2009), the university plans to bring about radical changes in the curriculum, teaching and evaluation. The vision of the university is to groom the finest breed of citizens equipped with knowledge and talent to serve the society. The university aspires to march forward to achieve benchmarking of our academic practices against world class standards.

Prof. V.G.Talawar

Table of contents

ABBREVIATIONS:

HC : Hard Core

SC : Soft Core

E : Elective

OE : Open Elective

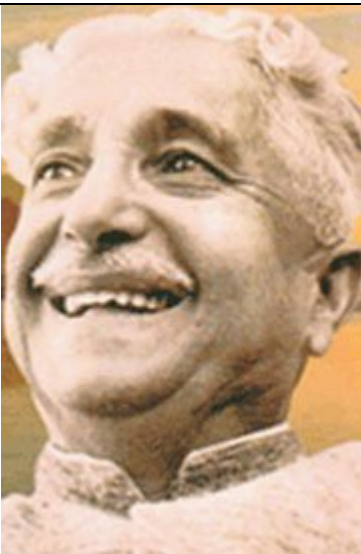P: Practical

Pr: Project

FW : Field Work

L : Lecture

T : Tutorial

1. UNIVERSITY OF MYSORE

About the University

The University of Mysore is among the foremost institutions of its kind, and is an enduring symbol in the sphere of higher education in India. It was founded by the then Maharaja of Mysore, His Highness Sri Krishnaraja Wodeyar IV and his Dewan, the renowned engineer - statesman, Sir M.Visvesvaraya, on July 27, 1916. The Maharaja of Mysore became its first Chancellor. A Bill to establish and incorporate the University was introduced in Mysore Legislative Council in 1916. It was passed unanimously on 17th July 1916. The first meeting of the University Council was held on 12th August 1916 and the first meeting of the Senate on 12th October 1916.

Sri Krishnaraja Wodeyar IV, the then Maharaja of Mysore	Sir M.Visvesvaraya, the then Dewan, renowned engineer and statesman who carvedout the design of the University	Sri.K.M. Puttappa, Popularly known Poet"Kuvempu" and Kannada Laurette served in the University as Vice-chancellor

The University of Mysore became the first University outside the domain of the English administration in India, the sixth University in India as a whole, and the first ever University in Karnataka. During the institution of the University in 1916, four faculties were constituted viz., Arts, Science, Engineering and Technology, and Medicine. Seperate Boards of Studies and Boards of Examiners were constituted in 28 subjects. The University was also administering 12 other educational institutions.

The first Act of the University came in the year 1933 (University of Mysore Act 1933). The first report of the curriculum followed by different departments is available in the University's Calendar 1947-48. The University offered a two-year intermediate Course, three year B.A.(Hons), B.Sc.,(Hons) Degree Courses and M.A., M.Sc., Courses. There were also the faculties of Medicine and Engineering. The University also

4

offered Diplomas in vocational subjects. The University Extension Lectures and Publication Bureau were notable features of the University.

The main campus of the University, created in 1960, lies in a picturesque area of 739 acres at the western end of the Kukkarahalli Lake. The University headquarters, the Crawford Hall, is located right across the lake on the eastern end. This inspiring locale of the campus was aptly named Manasagangotri (Fountainhead of the Ganges of the Mind) by the poet-laureate, Dr. K.V.Puttappa (Kuvempu). In due course, two satellite campuses were set up in response to the demands of post graduate education from semi-urban/rural areas: Sir M.Visvesvaraya Post Graduate Centre at Tubinakere in Mandya, and the Mysore University Post graduate Centre at Hemagangotri in Hassan.

In the beginning, the entire Princely State of Mysore comprising of nine districts came under the jurisdiction of the University. Now it is confined to Mysore, Mandya, Hassan, and Chamarajanagar districts. The remaining areas come under the Bangalore University (1964), Mangalore University (1980), and Kuvempu University (1987). The institution, incidentally, gave birth to one more University in 1996 when the Institute for Correspondence Courses and Continuing Education in the Manasagangotri campus, got transformed into the Karnataka State Open University.

The University now encompasses 122 affiliated colleges and 5 Constituent Colleges (with an aggregate of 53,000 students). In addition, the University has 37 post graduate departments, 8 specialised research & training centres and 2 post graduate centres that together offer about 55 regular academic programmes to 3,500 students. It also runs a number of employment-oriented diploma courses and certificate programmes. The post graduate departments are reputed for excellence in advanced studies and research, and have attracted projects and grants worth crores of rupees from many national and international institutions.

The University has developed excellent infrastructure for curricular and co-curricular activities. The Mysore University Library offers a collection of over 8 lakh books, 2,400 journal titles and 1 lakh volumes of journals. The main campus features an amphitheatre, an auditorium, a swimming pool, and hostels for women and men with modern amenities and comforts.

The University has established a rapport with many well-known and prestigious universities and institutions abroad for academic, technical and cultural exchange.

Having served the cause of higher education and research with distinction and dedication for almost the whole of the 20th century, the University of Mysore now envisages the 21st century as an era of even greater growth and success during which it will produce well-qualified and well-motivated youth to serve humanity as teachers, administrators, doctors, engineers, scientists, lawyers, social workers and in various other fields. As it gets closer to its centenary celebrations, the University looks forward to newer ways of fulfilling the vision of its Founding Fathers.

2. DEPARTMENTS

The University of Mysore offers a number of postgraduate courses through the following departments situated in the Manasagangotri Campus and also the Hassan and Mandya campuses.

Department / Programme	Mysore Campus	Mandya Campus	Hassan Campus	Chamarajanagar Campus
Ancient History and Archaeology				
Anthropology				
Applied Botany and Biotechnology				
Business Administration Management Studies- MBA.				
Biochemistry				
Biosciences				
Botany				
Chemistry				
Christianity				
Commerce				
Computer Science				
Computer Application				
Economics				
Economics and Cooperation				
Education				
Electronics				
English				
Environmental Science				
Food Science and Nutrition				
Geography				
Geology				
Hindi				
History				
Institute of Development Studies				
Jainology and Prakrit				
Journalism and Mass Communication				
Kuvempu Institute of Kannada Studies				
Kannada				
Law				
Library and Information Science				
Mathematics				
Microbiology				
Philosophy				
Physics				
Political Science				
Polymer Science				
Psychology				
Physical Education				
Sanskrit				
Sericulture Science				
Social Work				
Sociology				
Statistics				
Sugar Technology				
Urdu				
Zoology				
Centre for women's studies				
Educational Multimedia Research Centre				
Dr.A.R.Ambedkhar Centre For PG Studies and Research				
International Centre for Information Management				
Centre for Study of Social Exclusion and				

inclusive Policies.				
Centre for Information Science and Technology				
University School of Design				
University College of Physical Education				
University College of Fine Arts				
Maharaja's College				

3. PROGRAMMES OFFERED

The following are the programmes offere by the university under the new CBCS regulations wef 2010.

(1) M.A. : Ancient History & Archaeology, Anthropology, Christianity, Communication & Journalism, Cooperative Management, Economics, English, Folklore, Hindi, History, Jainology & Prakrit, Kannada, Linguistics, Middle Eastern Studies, Philosophy, Political Science, Sanskrit, Sociology, South Indian Studies, Urdu, Women's Studies, M.Dance, Comparative Literature and Translation, Development Studies, Public Administration.

(2) M.Sc.: Anthropology, Applied Geology, Biochemistry, Bioscience, Bio-technology, Botany, Chemistry, Environmental Science, Food Science & Nutrition, Geography, Geology, Human Development, Mathematics, Microbiology, Physics, Psychology, Sericulture and Seri Biotechnology, Statistics, Zoology, Polymer Science, Sugar Technology, Geographical Information System (GIS), Earth Science & Resource Management, Genetics, Electronic Media, Organic Chemistry, Criminology and Forensic Science.

(3) L.L.M., M. Com., M.Ed., M.L.I.Sc. (Master of Library & Information Science), M. Music, M.S.W., M.U.R.P.(M.Tech. in Urban and Regional Planning), M.F.A.M. (Master of Financial Analysis and Management), M.B.I.Tech. (Master of Business Information Technology), M.Tech.: Information Systems and Management.

(4) M.P.Ed.

4. GENERAL INFORMATIONS

Attending courses under CBCS has several advantages:
a. Students may undergo training on cross-disciplinary and multi-disciplinary environment and subjects and acquire more focused and preferred knowledge.
b. Students may get more soft skills from other subjects which are required for the career path in addition to their regular subject knowledge.
c. Students may get ample opportunities to use the laboratory and practicals of much needed modules available in another department for want of scientific inputs.
d. Courses are conducted by subject experts identified based on their experiences. Courses taught by such experts may provide in-depth information and clear understanding of the modules.
e. Students may get an opportunity to study courses with other students of different programmes and exchange their views and knowledge in a common class room.
f. CBCS provides a cross-cultural learning environment.
g. Students may benefit much in selecting the right choices for successfully facing the Centralised public service examinations like UPSC, KPSC, IFS, IES, etc, wherein the knowledge of additional subjects become mandatory, for general or optional papers.
h. Students are exposed to the culture of universal brotherhood during their campus life in an internationally well-known university.
i. Students are allowed to practice various methods of learning a subject.

5. GENERAL INSTRUCTIONS
Students are also advised to follow the instructions given below:

a. Every student is expected to attend the orientation programme of CBCS organized by the University at central level/ at department level and understand the system thoroughly before

selecting the courses under softcores.

b. For all CBCS, there will be a Faculty adviser in every department and a set of course teachers assigned to conduct the courses. Students shall consult any of them for clarifying their doubts and understand the scope of studying such choices, before selecting them. Particulars are provided in this handbook for this purpose. Schedule of orientation modules conducted for freshers will be intimated from the University at the time of commencement of the classes.

c. It is mandatory for every student, to register officially the courses opted under CBCS system in a Registration Card which contains details of hardcore and softcore selected for a semester. All details like attendance, course completion particulars and dates of tests attended by the student are entered in this card. The card is prepared in duplicate. One card will be with the department and one card will be with the University Examination wing. Students are allowed to make a photocopy of this at the end of the semester for their records.

d. Registration cards form the basis for a student to undergo sessional tests and end-semester examination. Application forms for examinations are to be filled up based on the choices indicated in this card and submitted to the University along with the prescribed examination fee.

e. There will be a co-ordinating office for CBCS in every Campus of the University(Mysore, Mandya and Hassan). The overall co-ordination in successfully conducting these courses with proper inter-departmental linkages will be done by this office. Circulars and notices will be issued by this office, whenever needed. In addition, they may also be scrolled in the University web-site.

f. There will be no individual Correspondence made by the University, unless other-wise required for a specific reason.

g. Since Courses are conducted by more number of disciplines, failure to comply with the requirements may lead to complications only to the defaulting students. Care should be taken by every student in attending the classes held in various buildings/halls as per the notified time-table.

h. Credits are assigned based of the structured distribution shown for every courses and programmes. Students opting for lateral exit have to meet the co-ordinating officers and submit their application for lateral exit with proper declarations.

6. INTRODUCTION TO CBCS

CBCS is a proven, advanced mode of learning in higher education which facilitates a student to have some freedom in selecting his/her own choices in the curriculum for completing a Masters degree programme. It is more focused towards a student's choice in providing a wide range of modules available in a single campus across various disciplines offered by experts in the subjects. It leads to quality education and with active teacher-student participation. In this system, three types of courses like hardcore, softcore and elective courses are included.

Hard core papers are compulsory and fundamental in requirement for a subject of study. These papers cannot be substituted by any other papers. Soft-core papers are slightly advanced papers. Every department of the University will furnish a detailed list of neede-based soft core papers and students can choose one/two or many of them depending upon the course structure.

The soft core paper provides enough scope for advanced learning in a subject within or outside the department. Elective papers are the concept papers and offered by ea ch department. These papers are general in nature and students have the freedom to choose any of them.

7. REGULATIONS GOVERNING CBCS

REGULATIONS FOR CHOICE BASED CREDIT SYSTEM (CBCS) AND CONTINUOUS ASSESSMENT GRADING PATTERN (CAGP) FOR POST-GRADUATE DEGREE PROGRAMMES
2010

1. Title and Commencement

2. These Regulations shall be called the University of Mysore regulations for Choice Based Credit System (CBCS) and Continuous Assessment Grading Pattern (CAGP) for Post-Graduate Degree Programs. These Regulations shall come into force from the academic year 2010- 2011.
Courses offered (as shown in Section 3 above)

2. Definitions

Course Every course offered will have three components associated with the teaching-learning process of the course, namely
(i) Lecture – L   (ii) Tutorial- T   (iii) Practicals - P, where

L stands Lecture session. T stands Tutorial session consisting participatory discussion / self study/ desk work/ brief seminar presentations by students and such other novel   methods that make a student to absorb and assimilate more effectively the contents delivered in the Lecture classes.

P stands Practice session and it consists of Hands on experience / Laboratory Experiments / Field Studies / Case studies that equip students to acquire the much required skill component.

In terms of credits, every one hour session of L amounts to 1 credit per semester and a minimum of two hour session of T or P amounts to 1 credit per semester, over a period of one semester of 16 weeks for teaching-learning process. The   total duration of a semester is 20 weeks inclusive of semester-end examination.

A course shall have either or all the three components. That means a course may have only lecture component, or only practical component or combination of any two or all the three components.

The total credits earned by a student at the end of the semester upon successfully completing the course is L + T + P. The credit pattern of the course is indicated as L: T : P.

If a course is of 4 credits then the different credit distribution patterns in L : T :   P format could be
4 : 0 : 0,   1 : 2 : 1,   1 : 1 : 2,   1 : 0 : 3,   1 : 3 : 0,
2 : 1 : 1,   2 : 2 : 0,   2 : 0 : 2,   3 : 1 : 0,   3 : 0 : 1,
0 : 2 : 2,   0 : 4 : 0,   0 : 0 : 4,   0 : 1 : 3,   0 : 3 : 1,

The concerned BoS will choose the convenient credit pattern for every course based on the requirement. However, generally, a course shall be of 3 or 4 credits.

Different courses of study are labeled and defined as follows:

Core Course

A course which should compulsorily be studied by a candidate as a core-   requirement is termed as a Core course.
A Core course may be a Soft Core if there is a choice or an option for the candidate to choose a course from a pool of courses from the main discipline / subject of study or from a sister/related discipline / subject which supports the main discipline / subject. In contrast to the phrase Soft Core, a compulsory core course is called a Hard Core Course.

Elective Course

Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline / subject of study or which provides an extended scope or which enables an exposure to some other   discipline / subject/domain or nurtures the candidate's proficiency/ skill is called an Elective Course. Elective courses may be offered by the main discipline / subject of study or by sister / related discipline / subject of study. A Soft Core course may also be considered as an elective.

An elective course chosen generally from an unrelated discipline / subject, with an intention to seek exposure is called an <u>open elective</u>.

An elective course designed to acquire a special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher is called a <u>Self Study</u> <u>Elective.</u>

A core course offered in a discipline / subject may be treated as an elective by other discipline / subject and vice versa.

<u>Project Work</u> is a special course involving application of   knowledge in solving / analyzing / exploring a real life situation / difficult problem. A project work up to 4 credits is called Minor Project work. A project work of 6 to 8 credits is called Major Project Work.

Dissertation is an other special course of 10 or more credits involving a problem solving component.

4.   Eligibility for admission.

4.1 Candidates possessing a degree of University of Mysore, or of any other   University, equivalent thereto and complying with the eligibility criteria shown in Annexure – I, are eligible for admission to Post-graduate degree programs mentioned in regulation No.1 above.

5.0   Scheme of Instructions

5.1 A Masters Degree program is of 4 semesters-two years duration. A candidate can avail a maximum of 8 semesters – 4 years (in one stretch) to complete Masters degree (including blank semesters, if any). Whenever a candidate opts for blank semesters, he /she have to study the prevailing courses offered by the department when he / she continues his / her studies.

5.2 A candidate has to earn a minimum of 76 credits, for successful completion of a master degree. The 76 credits shall be earned by the candidate by studying Hardcore, Softcore /electives / minor project, major project, dissertation as specified in the respective PG program. Upon completion of 40 credits by a candidate, he/she will be given a Bachelor honors degree in the respective discipline / subject.

5.3 A candidate has a provision to go with a normal pace of 18 credits per semester. However, he/she may opt to go with a slow pace less than 18 credits per semester or with an accelerated pace of as high as 24 credits per semester with the approval of the department council.

5.4 In excess to the minimum of 76 credits for masters degree in the concerned discipline / subject of study, a candidate can opt to complete a minimum of 18 extra credits to acquire add on proficiency diploma in that particular discipline / subject along with the masters' degree. In such of the cases wherein, a candidate opts to earn at least 4 extra credits in different discipline / subjects in addition to a minimum of 76 credits at masters level as said above then an add on proficiency certification will be issued to the candidate by listing the courses studied and grades earned.

5.5 Only such candidates who register for a minimum of 18 credits per semester and complete successfully 76 credits in 4 successive semesters shall be considered for declaration of ranks, medals and are eligible to apply for student fellowship, scholarship, free ships and hostel facilities.

5.6 A candidate admitted to Masters program can exercise an option to exit with Bachelor Honors degree / PG diploma after earning 40 credits successfully.

6.0   Continuous Assessments, Earning Of Credits and Award of Grades

The evaluation of the candidate shall be based on continuous assessment. The structure for evaluation is as follows:

6.1 Assessment and evaluation processes happen in a continuous mode. However, for reporting purposes, a semester is divided into 3 discrete components identified as C_1, C_2, and C_3.

6.2 The performance of a candidate in a course will be assessed for a maximum of 100 marks as explained below.

6.2.1   The first component (C_1), of assessment is for 25 marks. This will be based on test, assignment, seminar. During the first half of the semester, the first 50% of the syllabus (the first two units of the total units in a course) will be completed. This shall be consolidated during the 8th week of the semester.

6.2.2   The second component (C_2), of assessment is for 25 marks. This will be based on test, assignment, seminar. The continuous assessment and scores of second half of the semester will be consolidated during the 16th week of the semester. During the second half of the semester the remaining units in the course will be completed.

6.2.2.1 The outline for continuous assessment activities for Component-I (C_1) and Component-II (C_2) will be proposed by the teacher(s) concerned before the commencement of the semester and will be discussed and decided in the respective Departmental Council. The students should be informed about the modalities well in advance. The evaluated courses/assignments during component I (C_1) and component II (C_2) of assessment are immediately returned to the candidates after otaining acknowledgement in the register maintained by the concern teacher for this purpose.

6.2.3   During the 18th -20th week of the semester, a semester-end examination of 2 hours duration shall be conducted for each course. This forms the third/final component of assessment (C_3) and the maximum marks for the final component will be 50.

Setting questions papers and evaluation of answer scripts.

I. Questions papers in two sets shall be set by the internal examiner for a course. Whenever there are no sufficient internal examiners, the chairman BoE shall get the questions papers set by external examiners.

II. The Board of Examiners shall scrutinize and approve the question papers and scheme of valuation.

III. There shall be double valuation for all theory paper, dissertation /project /Field works. The average of the marks awarded by the internal and external examiners shall be taken as the final marks (subject to 6.2.3 IV) for that particular course.

IV. In case of 20% or more difference in the marks awarded by the internal and external valuer, the script shall be referred to the third valuer (who shall be an external) and the average of the nearest two shall be considered for the final award of marks.

V. Challenge valuation

A student who desires to apply for challenge valuation shall obtain a Xerox copy of the answer script by paying the prescribed fee within 10 days after the announcement of the results. He / She can challenge the grade awarded to him/her by surrendering the grade card and by submitting an application along with the prescribed fee to the Registrar (Evaluation) within 15 days after the announcement of the results. This challenge valuation is only for C_3 component.

The answer scripts for which challenge valuation is sought for shall be sent to another external examiner. The marks awarded in the challenge valuation shall be the final.

6.2.4   In case of a course with only practical component a practical examination will be conducted with both internal and external examiners. A candidate will be assessed on the basis of a) knowledge of relevant processes b) Skills and operations involved c) Results / products including calculation and reporting. If external examiner does not turn up then both the examiners will be internal examiners. The duration for semester-end practical examination shall be decided by the departmental council.

6.2.5   If a course has both theory and practical components with credit pattern L : T : P, then as parts of (C_3), both theory and practical examinations shall be conducted for 50 marks each. The final (C_3) component marks shall be decided based on the marks secured by the candidate in these two examinations with weightage factors of L+T and P respectively for theory and practical examinations. Suppose X and Y are the marks secured by a candidate out of 50 respectively in theory and practical examinations in course of credit distribution L:T:P, then the final marks M in C3 is decided by

$$M = ((L+T)*X+P*Y)/(L+T+P).$$

That is for example,

a. if a course is of credit pattern 2:1:1 with credit value 4, and the marks obtained by a candidate in theory examination is 36 out of 50 and in practical examination 48 out of 50, then the final marks M of C3 component is calculated as   M = ((2+1)*36 + 1*48)/4 = (108+48)/4 = 156/4 = 39.

b. if a course is of credit pattern 2:0:1 (with missing tutorial component) with credit value 3, and the marks obtained by a candidate in theory examination is 36 out of 50 and in practical examination 48 out of 50, then the final marks M of C3 component is calculated as   M = ((2)*36 + 1*48)/3 = (72+48)/3 = 120/3 = 40.

6.2.6   The details of continuous assessment are summarized in the following Table.

Component	Syllabus in a course	Weightage	Period of Continuous assessment
C_1	First 50% (2 units of total units)	25%	First half of the semester. To be consolidated by 8th week
C_2	Remaining 50% (Remaining units of the course)	25%	Second half of the semester. To be consolidated by 16th week
C_3	Semester-end examination (All units of the course)	50%	To be completed during 18th-20th Week.
Final grades to be announced latest by 24th week			

6.2.7 A candidate's performance from all 3 components will be in terms of scores, and the sum of all three scores will be for a maximum of 100 marks (25 + 25 + 50).

6.2.8 Finally, awarding the grades should be completed latest by 24th week of the semester.

6.3 Minor/ Major Project Evaluation

Right from the initial stage of defining the problem, the candidate has to submit the progress reports periodically and also present his/her progress in the form of seminars in addition to the regular discussion with the guide. Components of evaluation are as follows.

Component – I (C_1): Periodic Progress and Progress Reports (25%)

Component – II (C_2): Results of Work and Draft Report (25%)

Component– III(C_3): Final viva-voce and evaluation (50%). The report evaluation is for 40% and the viva voce examination is 10%.

The (C_3) (component-III) for both minor and major project works shall be evaluated by a panel of two members consisting of the guide and an external examiner.

6.4 In case a candidate secures less than 30% in C_1 and C_2 put together, the candidate is said to have DROPPED the course, and such a candidate is not allowed to appear for C_3. This shall be declared by the chairperson of the department before the commencement of C_3 examination.

6.5 In case a candidate secures less than 30% in C_3, Or secures more than 30% in C3 but less than 50% in C_1, C_2 and C_3 put together, the candidate is said to have not completed the course and he/she may either opt to DROP the course or to utilize PENDING option. The candidate has to give it in writing to the chairperson of the department within one week of announcement of C_3 component. The candidate with pending option shall complete C_3 component before the end of double the duration by reappearing only for C3 component of that course and he / she carries the same marks awarded in C_1 and C_2.

6.6 A candidate has to re-register for the DROPPED course when the course is offered again by the department if it is a hard core course. The candidate may choose the same or an alternate core/elective in case the dropped course is soft core / elective course. A candidate who is said to have DROPPED project work has to re-register for the same subsequently with in the stipulated period. The details of any dropped course will not appear in the grade card.

6.7 The tentative / provisional grade card will be issued by the Registrar (Evaluation) at the end of every semester indicating the courses completed successfully. This statement will not contain the list of PENDING or DROPPED courses.

6.8 Upon successful completion of Bachelors Honors / Masters degree a final grade card consisting of grades of all courses successfully completed by the candidate will be issued by the Registrar (Evaluation).

6.9   The grade and the grade point earned by the candidate in the subject will be as given below.

P	G	GP = V x G
90-100	9 (A++)	V X 9
80-89	8 (A+)	V X 8
70-79	7 (A)	V X 7
60-69	6 (B+)	V X 6
50-59	5 (B)	V X 5
0-49	0 (C)	V X 0

Here, P is the percentage of marks secured by a candidate in a course which is rounded to nearest integer. V is the credit value of the course. G is the grade and GP is the grade point.

If G = 0 (C), (GP=0) then the candidate is assumed to have automatically dropped the course. He / she is not said to have failed in the course.

6.10   A candidate also has an option to withdraw a course even after final examination, if he / she feels that he / she should improve in the course in terms of grade. The withdrawal of a course can be either only for C_3 components, in which the candidate has to reappear for only C3 component to improve, carrying the marks of C_1 and C_2 components (this option is called PENDING option), or for the entire course where the candidate has to reenroll for the course afresh or can chose an alternative course if the

withdrawal course is a soft/elective core (this option is called DROPPED option). This act of withdrawing should be immediately within seven days after the announcement of final results.

6.11 Overall cumulative grade point average (CGPA) of a candidate after successful completion the required number of credits (76) is given by

$$CGPA = GP / Total\ number\ of\ credits$$

7. Classification of results

The final grade point (FGP) to be awarded to the student is based on CGPA secured by the candidate and is given as follows.

CGPA	FGP
8 <= GPA < 10	Distinction
6 <= GPA < 8	First class
5 <= GPA < 6	Second class

8. Medium of Instruction

The medium of instruction shall be English. However, a candidate will be permitted to write the examinations either in English or in Kannada. This rule is not applicable to languages.

9 Provision for appeal

If a candidate, is not satisfied with the evaluation of C1 and C2 components, he / she can approach the grievance cell with the written submission together with all facts, the assignments, test papers etc, which were evaluated. He/she can do so before the commencement of semester-end examination. The grievance cell is empowered to revise the marks if the case is genuine and is also empowered to levy penalty as prescribed by the university on the candidate if his/her submission is found to be baseless and unduly motivated. This cell may recommend taking disciplinary/corrective action on an evaluator if he/she is found guilty. The decision taken by the grievance cell is final.

For every program there will be one grievance cell. The composition of the grievance cell is as follows.

1. The Registrar (Evaluation) ex-officio Chairman / Convener

2. One senior faculty member (other than those concerned with the evaluation of the course concerned) drawn from the department/discipline and/or from the sister departments/sister disciplines.

3. One senior faculty members / subject experts drawn from outside the University department.

10. UNIVERSITY EXAMINATION

The evaluation system of CBCS contains two parts as a) sessional assessments as Internals and b) end semester examination including evaluation by external examiners.
All the evaluations should be conducted as per the CBCS regulations and the General Examination Regulations of the University.

11. CURRICULUM PARTICULARS

The curriculum details of all the courses of the University are shown in the university website: www.uni-mysore.ac.in

12. GRIEVANCE REDRESSAL

Students are advised to contact the co-ordinator of the CBCS in their respective campuses for attending any genuine grievances which come under the purview of these regulations.

13. CONTACTS

For futher details contact:
1) The Registrar, University of Mysore, Mysore-5.

2) The Director, Planning Monitoring and Evaluation Board, University of Mysore, Mysore-5.
3) The Co0rdinator, CBCS Office, University of Mysore, Manasagangothri, Mysore.

Codification Scheme for Enrollment Number												
PROGRAMS	Centre		Dept		Prog		Year		En No.			
Ancient History & Archeology	M	G	A	A	0	1	1	0	0	0	1	
Anthropology(MA)	M	G	A	T	0	1	1	0	0	0	1	
Anthropology(M.Sc.)	M	G	A	T	0	2	1	0	0	0	1	
Applied Geology	M	G	G	E	0	1	1	0	0	0	1	
Biochemistry	M	G	B	C	0	1	1	0	0	0	1	
Biotechnology	M	G	B	T	0	1	1	0	0	0	1	
Botany	M	G	B	O	0	1	1	0	0	0	1	
Business Administaration	M	G	B	U	0	1	1	0	0	0	1	
Chemistry	M	G	C	H	0	1	1	0	0	0	1	
Christianity	M	G	C	R	0	1	1	0	0	0	1	
Comparative Literature & Translation	M	G	C	T	0	1	1	0	0	0	1	
Commerce	M	G	C	M	0	1	1	0	0	0	1	
Communication & Journalism	M	G	C	O	0	1	1	0	0	0	1	
Cooperative Management	M	G	C	P	0	1	1	0	0	0	1	
Criminology and Forensic Science	M	G	C	R	0	1	1	0	0	0	1	
Computer Applications	M	G	C	A	0	1	1	0	0	0	1	
Computer Science & Technology	M	G	C	S	0	1	1	0	0	0	1	
Computer Science & Technology(Integrated)	M	G	C	S	0	2	1	0	0	0	1	
Dance	M	G	D	A	0	1	1	0	0	0	1	
Development Studies	M	G	D	S	0	1	1	0	0	0	1	
Earth Science & Resource Management	M	G	G	E	0	2	1	0	0	0	1	
Economics	M	G	E	C	0	1	1	0	0	0	1	
Education	M	G	A	A	0	1	1	0	0	0	1	
English	M	G	A	A	0	1	1	0	0	0	1	
Electronic Media	M	G	E	M	0	1	1	0	0	0	1	
Electronics	M	G	E	L	0	1	1	0	0	0	1	
Environmental Science	M	G	E	N	0	1	1	0	0	0	1	
Folklore	M	G	F	K	0	1	1	0	0	0	1	
Food Science & Nutrition	M	G	F	S	0	1	1	0	0	0	1	
Genetics	M	G	G	N	0	1	1	0	0	0	1	
Geography	M	G	G	P	0	1	1	0	0	0	1	
Geographical Information System	C	C	G	S	0	1	1	0	0	0	1	
Geology	M	G	G	E	0	1	1	0	0	0	1	
Hindi	M	G	H	N	0	1	1	0	0	0	1	
History	M	G	H	I	0	1	1	0	0	0	1	
Humandevelopment	M	G	H	D	0	1	1	0	0	0	1	
Jainology & Prakrit	M	G	J	P	0	1	1	0	0	0	1	
Kannada	M	G	K	A	0	1	1	0	0	0	1	
Law	M	G	L	A	0	1	1	0	0	0	1	
Library and Information Science	M	G	L	I	0	1	1	0	0	0	1	
Linguistics	M	G	L	N	0	1	1	0	0	0	1	
Mathematics	M	G	M	T	0	1	1	0	0	0	1	
MBI Tech	M	G	C	M	0	2	1	0	0	0	1	
MFM	M	G	C	M	0	3	1	0	0	0	1	
Microbiology	M	G	M	B	0	1	1	0	0	0	1	
Middle Eastern Studies	M	G	M	E	0	1	1	0	0	0	1	
Molecular Biology	M	G	M	L	0	1	1	0	0	0	1	
MURP	M	G	M	P	0	1	1	0	0	0	1	
Music	M	G	M	U	0	1	1	0	0	0	1	
Organic Chemistry	M	G	O	C	0	1	1	0	0	0	1	
Philogophy	M	G	P	I	0	1	1	0	0	0	1	
Physics	M	G	P	Y	0	1	1	0	0	0	1	
Physical Education	M	G	P	E	0	1	1	0	0	0	1	
Political Science	M	G	P	O	0	1	1	0	0	0	1	

Psychology	M	G	P	C	0	1	1	0	0	0	1
Public Administration	M	G	P	A	0	1	1	0	0	0	1
Sanskrit	M	G	S	A	0	1	1	0	0	0	1
Sericulture and Seribiotechnology	M	G	S	S	0	1	1	0	0	0	1
Sociology	M	G	S	O	0	1	1	0	0	0	1
Social Work	M	G	S	W	0	1	1	0	0	0	1
South Indian Studies	M	G	S	I	0	1	1	0	0	0	1
Statistics	M	G	S	T	0	1	1	0	0	0	1
Urdu	M	G	U	D	0	1	1	0	0	0	1
Women Studies	M	G	W	S	0	1	1	0	0	0	1
Zoology	M	G	Z	O	0	1	1	0	0	0	1
Hassan Centre	H	N									
Mandya Centre											
English	M	D	E	N	0	1	1	0	0	0	1
Sugar Techology	M	D	S	G	0	1	1	0	0	0	1
Polymer Science	M	D	P	S	0	1	1	0	0	0	1
Economics	M	D	E	C	0	1	1	0	0	0	1
Chamarajanagar Centre	C	N									
Affiliated Colleges	A	C									
Constituent Colleges	C	C									

EVALUATION & CREDIT PATTERN
IN TERMINAL EXAM.

BIOTECHNOLOGY

Paper Code	Title of the Course	HC/SC/E/ Pr./etc.	L	T	P	Credit	Name of the faculty
	Biophysics & Structural Biology	HC	2	1	1	4	Prof.Bharathi P Salimath Dr.H.S.Aparna

Consider a course having LTP of 2 1 1.

Terminal exam for both Theory and Practical will be conducted for 50 marks each.

If a candidate scores 32 out of 50 in theory and 38 out of 50 in practical.

Final marks awarded for C3 of a Course

$$M = ((L+T)*32 + P*38))/4$$
$$= (3*32 + 1*38)/4$$
$$= 96 + 38 / 4 = 33.5$$

PROGRAMME-WISE COURSES AND FACULTY

Name of the Department: ANCIENT HISTORY AND ARCHAEOLOGY
Course: M.A.
Course Coordinator: Dr.G.Kariyappa

Paper Code	Subject Title	Type	L:T:P	Credits
1	2	3	4	5
	I SEMESTER			
87401	Political and Cultural History of North India upto 1000 A.D.	HC	3:1:0	4
87402	Introduction to Archaeology	HC	3:1:0	4
87403	Indian Epigraphy	HC	3:1:0	4
87404	World Civilizations	SC	3:1:0	4
87405	Political Institutions of India	SC	3:1:0	4
	Coins of Karnataka	SC	3:1:0	4
	II SEMESTER			
80222	Historical Method	HC	3:1:0	4
	Archaeology-Methods	HC	3:1:0	4
80224	Social Institutions of India	HC	3:1:0	4
80225	Indian Paleography	SC	3:1:0	4
	South East Asia	SC	3:1:0	4
80229	History of Karnataka (From 975 A.D. to 1336 A.D.)	OE	3:1:0	4
	III SEMESTER			
3.1	North Indian Art	HC	3:1:0	4
3.2	PROJECT WORK (The same continued in Even Semester)	HC	0:1:1	2
3.3	Tourism in India	HC	3:1:0	4
3.4	Historical Archaeology of India	SC	3:1:0	4
3.5	Chalukyas of Kalyana	SC	3:1:0	4
3.6	Chalukyas of Badami	OE	3:1:0	4
	IV SEMESTER			
4.1	Indian Pre history	HC	3:1:0	4
4.2	South Indian Art	HC	3:1:0	4
4.3	PROJECT WORK (continued from Odd Semester)	HC	0:1:5	6
4.4	Museology	SC	3:1:0	4
4.5	Vijayanagara Art and Architecture	SC	3:1:0	4
4.6	Hoysala Art and Architecture	OE	3:1:0	4

OPEN ELECTIVE

Semester	Paper	L:T:P	Credits
II Semester	History of Karnataka (From 975 A.D. to 1336 A.D.)	3:1:0	4
III Semester	Chalukyas of Badami	3:1:0	4
IV Semester	Hoysala Art and Architecture	3:1:0	4

17

Name of the Department: ANTHROPOLOGY
Course: M.A.
Course Coordinator: Prof.N.Ningaiah

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Social-Cultural Anthropology	HC	3	1	0	4
	Biological and Archaeological Anthropology	HC	3	1	0	4
	Research Methods in Anthropology - I	HC	3	1	0	4
SOFT CORE (ANY TWO)						
	Anthropological Theories - I	SC	3	1	0	4
	Ethnographic Studies	HC	3	1	0	3
	Anthropology of Communication	SC	3	1	0	4
Semester II						
1	Research Methods in Anthropology - II	HC	3	1	0	4
2	Applied Anthropology	HC	3	1	0	4
3	Practical Studies in Biological, cultural and Archaeological Anthropology	Pr	0	0	4	4
SOFT CORE (ANY ONE)						
4	Anthropological Theories - II	SC	3	1	0	4
5	Ethno Medicine	SC	3	1	0	4

Semester: III

1	Population Anthropology	SC	3	1	0	4
2	Anthropology of Complex Society	HC	3	1	0	4
3	Tribal Cultures of India	HC	3	1	0	4
SOFT CORE (ANY ONE)						
4	Gender Anthropology	SC	3	1	0	4
5	Development Anthropology	SC	3	1	0	4
Semester IV						
1	Medical Anthropology	HC	3	0	0	3
2	Economic Anthropology	HC	3	1	0	4
3	Field Work And Dissertation	HC	0	0	5	5
SOFT CORE (ANY ONE)						
4	Indian Anthropology	SC	3	1	0	4
5	Anthropology of Disaster Management	SC	3	1	0	4

OPEN ELECTIVE

Paper Code	Title of the Course	Semester	L	T	P	Credit
	Foundations In Anthropology	II	3	1	0	4
	People and Cultures of India	III	3	1	0	4
	Tribal Development in India	IV	3	1	0	4

Name of the Department: ANTHROPOLOGY
Course: M.Sc.,
Course Cordinator: Prof.N.Ningaiah
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Social-cultural Anthropology	HC	3	1	0	4
2	Biological & archaeological Anthropology	HC	3	1	0	4
3	Research methods in anthropology-I	HC	3	1	0	4
SOFT CORE (ANY TWO)						
4	Anthropological theories - I	SC	3	1	0	4
5	Ethnographic Studies	SC	3	1	0	4
6	Anthropology of communication	SC	3	1	0	4
Semester II						
1	Research Methods in Anthropology - II	HC	3	1	0	4
2	Applied Anthropology	HC	3	1	0	4
3	Practical Studies in Biological, Social-cultural and Archeological Anthropology	HC	0	0	4	4
SOFT CORE (ANY ONE)						
	Anthropological Theories - II	SC	3	1	0	4
	Ethno Medicine	SC	3	1	0	4
Semester: III						
1	Human Evolution and Human Biology	HC	3	1	0	4
2	Human Genetics	HC	3	1	0	4
3	Practical Studies in Osteometry, Serology and Estimation Of Hemoglobin Content	HC	0	0	4	4
SOFT CORE (ANY ONE)						
4	Forensic Anthropology	SC	3	1	0	4
5	Human Growth and Nutrition	SC	3	1	0	4
Semester: IV						
1	Anthropological Demography	HC	3	1	0	4
2	Practical Studies in Advanced Biological Anthropology	HC	0	0	4	4
3	Field Work and Dissertation	HC	0	0	4	4
SOFT CORE (ANY ONE)						
4	Molecular Anthropology	SC	3	1	0	4
5	Anthropological Statistics	SC	3	1	0	4

OPEN ELECTIVE

Paper	Title of the Course	Semester	L	T	P	Credit
	Foundations in Anthropology	II	3	1	0	4
	Genetic Counselling	III	3	1	0	4
	Sports Anthropology	IV	3	1	0	4

Name of the Department:Maharani's Science College, Mysore.
Course: M.Sc. in **Applied Zoology**
Course Coordinator:

1 Semester					
Sl. No.	Paper Code	Paper Title	Type	L+T+P	Credit
1	AZ1.1	Animal Systematic	Hard Core	2+1+1	04
2	AZ1.2	Animal Physiology	Hard Core	2+1+1	04
3	AZ1.3	Cell Biology and Genetics	Hard Core	2+1+1	04
4	AZ1.4	Wildlife Biology and Conservation	Hard Core	2+2+0	04
Any one from below					
5	AZ1.5a	Biostatistics	Soft Core	3+1+0	04
	AZ1.5b	Evolution			
II Semester					
Sl. No.	Paper Code	Paper Title	Type	L+T+P	Credit
1	AZ2.1	Aquaculture and fishery Technology	Hard Core	2+1+1	04
2	AZ2.2	Apiculture and Vermiculture	Hard Core	2+1+1	04
3	AZ2.3	Minor Project	Hard Core	0+1+3	04
Any one from below					
4	AZ2.4a	Ethology	Soft Core	3+1+0	04
	AZ2.4b	Applied Ecology			
Any one from below					
5	AZ2.5a	Economic Zoology	Open Elective 1	3+1+0	04
	AZ2.5b	Parasitology			
	AZ2.5c	Ornithology			
			Total Credits M.Sc.,		40
III Semester					
Sl. No.	Paper Code	Paper Title	Type	L+T+P	Credit
1	AZ3.1	Animal Husbandry	Hard Core	2+1+1	04
2	AZ3.2	Animal Biotechnology	Hard Core	2+1+1	04
3	AZ3.3	Sericulture	Hard Core	2+1+1	04
Any one from below					
4	AZ3.4a	Endocrinology	Soft Core	3+1+0	04
	AZ3.4b	Reproductive Biology			
5	AZ3.5	Sericulture Technology	Open Elective 2	3+1+0	04

IV Semester					
Sl. No.	Paper Code	Paper Title	Type	L+T+P	Credit
1	AZ4.1	Zoo Management	Hard Core	2+2+0	04
2	AZ4.2	Major Project	Hard Core	0+2+6	08
3	AZ4.3a	Biodiversity	Soft Core	3+1+0	04
	AZ4.3b	Vector Biology			
			Total Credits of M.Sc., III & IV		36
			Total Credits of M.Sc., I & II		40
			Total Credit in M.Sc.,		**76**
OPEN ELECTIVES					
Semester	**Paper Code**	**Paper Title**		**L+T+P**	**Credit**
II/IV	AZ2.5a	Economic Zoology		3+1+0	04
	AZ2.5b	Parasitology			
	AZ2.5c	Ornithology			
III	AZ3.5	Sericulture Technology		3+1+0	04
IV/II	AZ2.5a	Economic Zoology		3+1+0	04
	AZ2.5b	Parasitology			
	AZ2.5c	Ornithology			

Name of the Department: BIOCHEMISTRY
Course: M.Sc
Course Coordinator: Prof. B.S.Vishwanath
I Semester : Hard core (HC) credits 12 and Soft core (SC) 12; total credits 24

Sl.No	Code	Title of the paper	Type	L	T	P	Credits		
1	80410	Biochemical Techniques	HC	3	0	0	3		
2	80411	Biomolecules	HC	3	0	0	3		
3	PR	Experiments on Biomolecules and seminars	HC	0	2	4	6		
4	80412	Concepts in Biometry and Communication	SC	2	0	0	2		
5	80413	Physico-chemical aspects of Biology	SC	3	1	0	4		
6	80414	Physiology and Nutrition	SC	3	1	0	4		
7	80424	Essentials of Microbiology	SC	2	0	0	2		

II Semester : Hard core credits 15 and Soft core 10; total credits 25

Sl.No	Code	Title of the paper	Type	L	T	P	Credits
1	80423	Enzymology	HC	3	0	0	3
2	80429	Carbohydrate and Lipid metabolism	HC	3	0	0	3
3	80430	Proteins and Nucleic acid metabolism	HC	3	0	0	3
4	PR	Experimental methods and presentation in metabolism and enzymology	HC	0	2	4	6
5	80431	Plant Biochemistry and Bioenergetics	SC	3	1	0	4
6	80432	Clinical Biochemistry	SC	3	1	0	4
7	DISS	Research Review	SC	0	2	0	2

III Semester : Hard core credits 12 and Soft core 13; total credits 25

Sl.No	Code	Title of the paper	Type	L	T	P	Credits
1	80448	Membrane Biology	HC	3	0	0	3
2	80449	Molecular Biology	HC	3	0	0	3
3	PR	Experimental methods and presentation in molecular cell Biology	HC	0	2	4	6
4	80450	Genomics and Gene regulation	SC	3	1	0	4
5	80451	Cells, proteins and proteomics	SC	3	0	0	3
6	80452	Hormones and cell signaling	SC	3	1	0	4
7	80433	Clinical Research Methods	SC	2	0	0	2

IV Semester : Hard core credits 13 and Soft core 11; total credits 24

Sl.No	Code	Title of the paper	Type	L	T	P	Credits
1	80480	Immunology	HC	3	0	0	3
2	80481	Genetic Engineering and Biotechnology	HC	3	0	0	3
3	PR	Techniques in Molecular Biology	HC	0	0	3	3
4	PR	Project work and paper presentation	HC	0	2	2	4
5	80482	Genetics and evolution	SC	3	1	0	4
6	89483	Biostatistics and research methodology	SC	2	1	0	3
7	80484	Behavioral biology and ecology	SC	3	1	0	4

OPEN ELECTIVES

Semester	Code	Title of the paper	L	T	P	Credits
II	80434	Lipids and health	3	1	0	4
III	80447	Venom pharmacology	3	1	0	4
IV	80477	Clinical Diagnostics in health and disease	3	1	0	4

Total = Hard core=52,   Soft core=46,   open elective= 12

Name of the Department: BIOSCIENCE, P.G.Center, Hassan.
Course: M.Sc in Bioscience
Name of the Coordinator: Dr.P.Sharanappa.

Semester: I

Paper code	Hard Core	Credits	Paper code	Soft Core	Credits
I SEMESTER					
BS 1.1	Biomolecules	3+1+2	BS 1.4	Biophysics	2
BS 1.2	Plant Physiology	2+0+2	BS 1.5	Microbiology	2
BS 1.3	Advanced Cell Biology	2+1+1	BS 1.6	Medicinal Plants	2
		14			4
II SEMESTER					
BS 2.1	Enzymology and metabolism	3+1+2	BS 2.4	Biochemical techniques	2+0+1
BS 2.2	Biostatistics and Computer application	2+1+0	BS 2.5	Toxicology	2+0+1
BS 2.3	Genetics	3+0+2	BS 2.6	Developmental biology	2+0+1
		14			6
III SEMESTER					
BS 3.1	Molecular biology	3+0+2	BS 3.4	Cell culture & Cancer Biology	3+0+0
BS 3.2	Animal Physiology & Hormones	3+0+2	BS 3.5	Cell biology Techniques	0+1+2
BS 3.3	Immunobiology	2+0+1	BS 3.6	Genomics	3+0+0
		13			6
IV SEMESTER					
BS 4.1	Ecology, Evolution and Behavioral biology	3+0+2			
BS 4.2	Genetic Engineering and Bioinformatics	2+0+0			
BS 4.3	Project Work	0+0+6			
		13			

OPEN ELECTIVE

I Semester	---		--
II Semester	Human Body And Health		2+0+1
III Semester	3.1 Human diseases and Hygiene		2+0+1
IV Semester	You and Your Heredity		2+0+1

Hard Core (HC) = 14+14+13+13=54:
Soft Core (SC) =   4+6+6=16:
Open Elective (OE)=   3+3+3=9

GRAND TOTAL =   79 Credits

Name of the Department: BIOTECHNOLOGY
Course: M.Sc.,
Course Coordinator: Prof.Bharathi P Salimath

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Biophysics and Structural Biology	HC	3	1	0	4
	Bioanalytical Techniques	HC	3	1	0	4
	Microbiology	HC	3	1	0	4
	Practicals-1	HC	0	0	6	6
	SOFTCORE (Choose any ONE from the below listed)					
	Enzymology and Metabolism	SC	3	1	0	4
	Cancer Biology	SC	3	1	0	4

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
	Food & Environmental Biotechnology	HC	3	1	0	4
	Advanced Molecular Biology	HC	3	1	0	4
	Gene Technology	HC	3	1	0	4
	Practical -2	HC	0	0	6	6
	SOFTCORE (Choose any ONE from the below listed)					
	Molecular Marker Technology	SC	3	1	0	4
	Molecular Genetics	SC	3	1	0	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
	Biostatistics & Bioinformatics	HC	2	1	1	4
	Molecular Biodiversity	HC	2	1	1	4
	Immunotechnology	HC	2	1	1	4
	Cell Signalling & Communication	HC	2	1	1	4

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
	Plant Biotechnology	HC	2	1	1	4
	Animal Biotechnology	HC	2	1	1	4
	Project work	Pr	0	0	0	8

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
1	Applied Biotechnology	II	3	1	0	4
2	Select one from List of Elective Papers	III & IV	2	1	1	4

Name of the Department: BOTANY
Course: M.Sc.,
Course Coordinator: Prof.G.R.Janardhana
I Semester (2011-12 onwards)

Sl. NO.	Title of the Course	Type	L	T	P	Total
					Number of Credits	
1	Microbiology and Plant Pathology Theory & Practical	H C - 1.1	2	1	1	4
2	Algae, Bryophytes, Pteridophytes and Gymnosperms- Theory & Practical	HC- 1.2	2	1	1	4
3	Taxonomy of Angiosperms and Economic Botany – Theory & *Practical + **Field Study/ Tour	HC- 1.3	2	1	3 (*1+2**)	6
4	*Any TWO of the Soft Core subjects to be selected by the Candidate (1) Mycology (2) Phycology (3) Plant Pathology	S C - 1.1	2	1	1	4
5		S C- 1.2	2	1	1	4
6		S C- 1.3	2	1	1	4

** Field Study/Tour: The student should undertake a field trip of minimum of three days and shall submit the report at the time of Practical examination

II Semester (2011-12 onwards)

Sl. NO.	Title of the Course	Type	L	T	P	Total
					Number of Credits	
1	Reproductive Biology of Angiosperms and Plant Morphogenesis-Theory & Practical	HC- 2.1	2	1	1	4
2	Genetics, Plant Breeding and Evolutionary Biology- Theory & Practical	HC- 2.2	2	1	1	4
3	*Any TWO of the Soft Core subjects to be selected by the Candidate	S C- 2.1	2	1	1	4
4	(1) Plant Anatomy and Histochemistry	S C- 2.2	2	1	1	4
	(2) Ethnobotany and IPR					
5	(3) Economic Botany	S C- 2.3	2	1	1	4
6	Plant Diversity and Human Welfare	OE- 2	2	1	1	4

III Semester (2011-12 onwards)

Sl. NO.	Title of the Course	Type	L	T	P	Total
					Number of Credits	
1	Plant Physiology and Biochemistry Theory & Practical	HC- 3.1	2	1	1	4
2	Molecular Biology- Theory & Practical	HC- 3.2	2	1	1	4
3	*Any TWO of the Soft Core subjects to be selected by the Candidate	S C- 3.1	2	0	1	3
4		S C- 3.2	2	0	1	3
5	(1) Plant Molecular Genetics (2) Evolutionary Biology (3) Plant Biotechnology	S C- 3.3	2	0	1	3
	Plant Propagation Techniques	OE-3	2	1	1	4

IV Semester (2011-12 onwards)

Sl. NO.	Title of the Course	Type	L	T	P	Total
					Number of Credits	
1	Ecology, Conservation Biology and Phytogeography- Theory & Practical	HC- 4.1	2	1	1	4
2	***Project Work	H C- 4.2	0	2	6	8
3	*Any ONE of the Soft Core subjects to be selected by the Candidate	S C- 4.1	2	1	1	4
4		S C- 4.2	2	1	1	4
5	(1) Molecular Plant Pathology (2) Biodiversity and	SC- 4.3	2	1	1	4
6	Conservation Biology (3) Seed Technology (4) Plant Genetic Engineering	SC- 4.4	2	1	1	4
7	Plant Biotechnology OR Medicinal Botany	OE- 4	2	1	1	4

25

***Project Work: The student shall undertake a project work in the department or in any other University or Institute under the guidance of a research supervisor and shall submit a report which will be evaluated as per University norms.

Note: *Minimum requirements for Soft Core Courses: Candidates should have Bachelor Degree with Botany as one of the optional.

OPEN ELECTIVE COURSES - [Semester - wise]

Sl. No	Semester	Title of the Open Elective Paper	Hrs/wk L:T:P	Credits
1	**II Semester**	Plant Diversity and Human Welfare	2:1:1	4
2	**III Semester**	Plant Propagation Techniques	2:1:1	4
3	**IV Semester**	Plant Biotechnology/ Medicinal Botany	2:1:1	4

Name of the Department: CHEMISTRY
Course: M.Sc.,
Course Coordinator: Dr.H.D.Revanasiddappa
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Fundamentals of Chemical Analysis	HC	3	0	0	3
2	Concepts and Models of Inorganic Chemistry	HC	3	0	0	3
3	Stereochemistry and Organic Reaction Mechanisms	HC	3	0	0	3
4	Chemical Thermodynamics, Chemical Kinetics and Electrochemistry	HC	3	0	0	3
5	Analytical Chemistry Practicals	HC*	0	0	3	3
6	Inorganic Chemistry Practicals	HC*	0	0	3	3
7	Organic Chemistry Practicals	HC*	0	0	3	3
8	Physical Chemistry Practicals	HC*	0	0	3	3
9	Applied Analysis - I	SC	2	0	0	2
10	Chemical Applications of Group Theory	SC	2	0	0	2
11	Reaction Mechanisms and Heterocyclic Chemistry	SC	2	0	0	2
12	Basic Concepts of Molecular Symmetry; Semiconductors and Biophysical Chemistry	SC	2	0	0	2

*Note: 50% of the students will attend Analytical and Inorganic practicals and remaining 50% of the students will attend Organic and physical practicals in I semester and *vice-versa* during II semester.

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Separation Techniques	HC	3	0	0	3
2	Coordination Chemistry	HC	3	0	0	3
3	Synthetic Organic Chemistry	HC	3	0	0	3
4	Quantum Chemistry; Nuclear Chemistry and Photo Chemistry and Microwave and Infrared Spectroscopy	HC	3	0	0	3
5	Analytical Chemistry Practicals	HC*	0	0	3	3
6	Inorganic Chemistry Practicals	HC*	0	0	3	3
7	Organic Chemistry Practicals	HC*	0	0	3	3
8	Physical Chemistry Practicals	HC*	0	0	3	3
9	Applied Analysis – II	SC	2	0	0	2
10	Inorganic Polymers and Industrial Inorganic Chemistry	SC	2	0	0	2
11	Photochemistry, Pericyclic reactions and Organometallic Chemistry	SC	2	0	0	2
12	Pharmacokinetics	SC	2	0	0	2

*Note: 50% of the students will attend Analytical and Inorganic practicals and remaining 50% of the students will attend Organic and physical practicals in I semester and *vice-versa* during II semester.

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Instrumental Methods of Analysis	HC	3	0	0	3
2	Spectroscopy	HC	3	0	0	3
3	Organometallic Chemistry	SC	2	0	0	2
4	Structural Methods in Inorganic Chemistry	SC	2	0	0	2
5	Applications of Chemical Kinetics and Chemistry of Nanomaterials and Corrosion	SC	2	0	0	2
6	Statistical Thermodynamics and Phase Rule; Radiation Chemistry and Polymer Chemistry	SC	2	0	0	2
7	Analytical Chemistry Practicals	SC*	0	0	3	3
8	Inorganic Chemistry Practicals	SC*	0	0	3	3
9	Organic Chemistry Practicals	SC*	0	0	3	3
10	Physical Chemistry Practicals	SC*	0	0	3	3

*Note: 1. 50% of the students will attend Analytical and Inorganic practicals and remaining 50% of the students will attend Organic and Physical practicals in III semester and *vice-versa* during IV semester.

2. Practicals papers are only for chemistry students which are compulsory

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Bioinorganic Chemistry	HC	3	0	0	3
2	Solid State Chemistry and Applications of Quantum Chemistry; Advanced Chemical Kinetics and Biopharmaceutics	HC	3	0	0	3
3	Applied Analysis III	SC	2	0	0	2
4	Applied Analysis IV	SC	2	0	0	2
5	Biomolecules	SC	2	0	0	2
6	Chemistry of Natural Products	SC	2	0	0	2
7	Analytical Chemistry Practicals	SC*	0	0	3	3
8	Inorganic Chemistry Practicals	SC*	0	0	3	3
9	Organic Chemistry Practicals	SC*	0	0	3	3
10	Physical Chemistry Practicals	SC*	0	0	3	3
15	Dissertation	-	4	0	0	4

[a]**Note:** All the papers are same as that of III Semester. A candidate can opt any paper/s of his or her choice provided that the same paper/s is not repeated in the IV Semester.

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
1	Fundamentals of Isolation, Separation, Purification and Characterization Techniques	II	2	0	0	2
2	Basic Principles of Chemistry	II	2	0	0	2
3	Separation Techniques of Biochemistry and Biology	III	2	0	0	2
4	Biological Inorganic Chemistry	III	2	0	0	2
5	Basic Concepts in Organic Chemistry	III	2	0	0	2
6	General Aspects of Physical Chemistry	III	2	0	0	2
7	Separation Techniques of Biochemistry and Biology	IV	2	0	0	2
8	Biological Inorganic Chemistry	IV	2	0	0	2
9	Basic Concepts in Organic Chemistry	IV	2	0	0	2
10	General Aspects of Physical Chemistry	IV	2	0	0	2

Name of the Department: Chemistry
Course: M.Sc., Organic Chemistry
Course Coordinator: Dr.H.D.Revanasiddappa

First Semester

Sl. No.	Code	Title	Type	L T P	Credits
1	OC1.1	Advanced separation techniques	HC	3 0 0	3
2	OC1.2	Principles of Inorganic Chemistry	HC	3 0 0	3
3	OC1.3	Stereochemistry and reaction mechanisms	HC	3 0 0	3
4	OC1.4	Principles of physical chemistry	HC	3 0 0	3
5	OC1.5	Analytical Chemistry Practical	HC	0 0 6	3
6	OC1.6	Inorganic Chemistry Practical	HC	0 0 6	3
7	OC1.71	Peptides & Nucleic acids	SC	2 0 0	2
8	OC1.72	Carbohydrates & Vitamins	SC	2 0 0	2
9	OC1.73	Steroids and alkaloids	SC	2 0 0	2
		(Select any one SC)		**Total**	**20**

Second Semester

Sl. No.	Code	Title	Type	L T P	Credits
1	OC2.1	Spectroscopy	HC	3 0 0	3
2	OC2.2	Reagents and synthesis	HC	3 0 0	3
3	OC2.3	Synthetic organic chemistry	HC	3 0 0	3
4	OC2.4	Organometallics and non-metallics	HC	3 0 0	3
5	OC2.5	Organic Chemistry Practical	HC	0 0 6	3
6	OC2.6	Physical Chemistry Practical	HC	0 0 6	3
7	OC2.71	Bioanalytical chemistry	SC	2 0 0	2
8	OC2.72	Bio-Inorganic chemistry	SC	2 0 0	2
9	OC2.73	Bio-Organic chemistry	SC	2 0 0	2
10	OC2.74	Bio-Physical chemistry	SC	2 0 0	2
		(Select any one SC)		**Total**	**20**

Third Semester

Sl. No.	Code	Title	Type	L T P	Credits
1	\OC3.1	Molecular rearrangements and Heterocyclic chemistry	HC	3 0 0	3
2	OC3.2	Bonding, Photochemistry & Pericyclic reactions	HC	3 0 0	3
3	OC3.3	Organic chemistry practical- Multistep synthesis	HC	0 0 6	3
4	OC3.41	Organic Chemistry Practical – Isolation of natural products	SC	0 0 6	3
5	OC3.42	Lipids, Porphyrins, anthocyanins and flavonoids	SC	2 2 0	3
6	OC3.43	Polymer chemistry	SC	2 2 0	3
		(Select any two SC)		**Total**	**15**

Fourth Semester

Sl. No.	Code	Title	Type	L T P	Credits
1	OC4.1	Medicinal chemistry I	HC	3 0 0	3
2	OC4.2	Dissertation	HC	0 2 6	4
3	OC4.31	Organic chemistry practical - Estimations	SC	0 0 6	3
4	OC4.32	Medicinal chemistry –II	SC	2 2 0	3
5	OC4.33	Dyes and insecticides	SC	2 2 0	3
		(Select any two SC)		**Total**	**13**

OPEN ELECTIVES

Sl. No.	Code	Title	Semester	L T P	Credits
1	OC2.81	Basic concepts in organic chemistry	II	2 0 0	2
2	OC2.82	Life style chemicals	II	2 0 0	2
3	OC3.51	Role of chemistry in animal health and growth	III	2 0 0	2
4	OC3.52	Chemistry of natural products	III	2 0 0	2
5	OC4.41	Applications of synthetic products	IV	2 0 0	2
6	OC4.42	Chemistry of soil and fertilizers	IV	2 0 0	2

The student has to take minimum **8 credits of open elective subjects** during the M. Sc course.

Name of the Department: COMMERCE
Course: M.Com.
Course Coordinator: Dr. B.Mahadevappa

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Accounting Theory	HC	3	1	0	4
	Corporate Governance	HC	3	1	0	4
	Financial Management	HC	3	1	0	4
	Marketing Management	HC	3	1	0	4
	Business Policy and Environment	SC	3	1	0	4
	Statistics of Business Decisions	SC	3	1	0	4

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
	Capital Market Instruments	HC	3	1	0	4
	Human Resource Management	HC	3	1	0	4
	Organizational Behavior	HC	3	1	0	4
	Computer Applications in Commerce	SC	2	1	1	4
	Strategic Management	SC	3	1	0	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
	Business Research Methods	HC	3	1	0	4
	International Business	HC	3	1	0	4
	Management of Non-Profit Organisation	HC	3	1	0	4
	Elective Group I: Paper-1	SC	3	1	0	4
	Elective Group II: Paper-1	SC				

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
	International Accounting	HC	3	1	0	4
	Major Project Work*	HC	0	2	6	8
	Elective Group I: Paper -2	SC	3	1	0	4
	Elective Group II: Paper-2	SC	3	1	0	4

OPEN ELECTIVES

Paper Code	Title of the Course	Type	L	T	P	Credit
	Retail Banking	II	3	1	0	4
	Personal Financial Planning	III	3	1	0	4
	Financial Accounting	IV	3	1	0	4

Course: M.F.M.
Course Coordinator: Dr. B.Mahadevappa
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Behavioural Dynamics of Capital Markets	HC	3	1	0	4
	Financial Management	HC	3	1	0	4
	Financial Market Regulations	HC	3	1	0	4
	Management Accounting	HC	3	1	0	4
	Business Policy and Environment	SC	3	1	0	4
	Statistics of Business Decisions	SC	3	1	0	4

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
	Capital Market Instruments	HC	3	1	0	4
	Corporate Tax Law and Planning	HC	3	1	0	4
	Portfolio Management	HC	3	1	0	4
	Management of Financial Services	SC	3	1	0	4
	Computer Applications in Financial Management	SC	2	1	1	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
	Business Research Methods	HC	3	1	0	4
	Financial Derivatives	HC	3	1	0	4
	Financial Engineering-Financial Analysis and Valuations	HC	3	1	0	4
	Elective Group I: Paper-1	SC	3	1	0	4
	Elective Group II: Paper-1	SC				

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
	Financial Modeling	HC	3	1	0	4
	Major Project Work*	HC	0	2	6	8
	Elective Group I: Paper -2	SC	3	1	0	4
	Elective Group II: Paper-2	SC	3	1	0	4

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
	Retail Banking	II	3	1	0	4
	Personal Financial Planning	III	3	1	0	4
	Financial Accounting	IV	3	1	0	4

Course:M.B.I(TECH)
Course Coordinator: Dr.B.Mahadevappa

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Financial Management	HC	3	1	0	4
	Foundations of Information Systems and Technology	HC	3	1	0	4
	Industrial and Business Management	HC	3	1	0	4
	Organizational Behavior	HC	3	1	0	4
	Business Policy and Environment	SC	3	1	0	4
	Statistics for Business Decisions	SC				

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
	Advanced Programming Concepts	HC	2	1	1	4
	Data Warehousing and Business Intelligence System	HC	2	1	1	4
	Software Management	HC	3	1	0	4
	Capital Market Instruments	SC	2	1	1	4
	Strategic Management	SC	3	1	0	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
	Business Process Outsourcing and virtual Enterprise Management	HC	3	1	0	4
	Business Research Methods	HC	3	1	0	4
	Enterprise Resource Planning	HC	2	1	1	4
	Elective Group I: Paper -1	SC	2	1	1	4
	Elective Group II: Paper-1	SC	2	1	1	4

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
	Internet Technology & E-Commerce	HC	2	1	1	4
	Major Project Work*	HC	0	2	6	8
	Elective Group I: Paper -2	SC	2	1	1	4
	Elective Group II: Paper-2	SC	2	1	1	4

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
	Retail Banking	II	3	1	0	4
	Personal Financial Planning	III	3	1	0	4
	Financial Accounting	IV	3	1	0	4

Name of the Department: COMMUNICATION AND JOURNALISM
Course: MCJ
Course Coordinator: Dr.Niranjana.

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1.1	Introduction to communication and Journalism	HC	3	1	0	4
1.2	Reporting	HC	3	1	0	4
1.3	Editing	HC	3	1	0	4
1.1	Advertising	SC	3	1	0	4
1.2	News paper management and production	SC	3	1	0	4
1.3	Web Journalism	SC	3	1	0	4
1.4	Translation and Journalistic Writing	SC	3	1	0	4
1.5	Contemporary issues in Media	SC	4	0	0	4
1.6	Computer Skills for Media*	SC	1	1	2	4

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
2.1	Basics of Radio and TV Production	HC	1	1	2	4
2.2	Media and Current Affairs	HC	2	2	0	4
2.3	Media law and Ethics	HC	4	0	0	4
2.1	Photo Journalism	SC	1	0	3	4
2.2	Corporate Communication	SC	1	1	2	4
2.3	Advertising Practice	SC	3	1	0	4
2.4	Writing for Radio	SC	3	1	0	4
2.5	Writing for TV	SC	3	1	0	4
2.6	Feature Writing	SC	3	1	0	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
3.1	Communication Theories	HC	4	0	0	4
3.2	Media Management	HC	4	0	0	4
3.3	Specialized Reporting	HC	3	1	0	4
3.1	Comparative Journalism	SC	3	1	0	4
3.2	Radio Programme and production	SC	2	0	2	4
3.3	TV Programme and production	SC	2	0	2	4
3.4	Science and Technology Communication	SC	3	1	0	4
3.5	Intercultural Communication	SC	4	0	0	4
3.6	Folk Media	SC	4	0	0	4
3.7	Political Communication	SC	4	0	0	4

Semester: IV

Paper Code	Title of the Course		L	T	P	Credit
4.1	Communication Research Methods	HC	4	0	0	4
4.2	Major Project	HC	1	3	0	4
4.3	Media Internship and Practice	HC	0	0	4	4
4.1	Radio and TV Production	SC	1	0	3	4
4.2	Film Journalism	SC	2	0	0	2
4.3	Development Communication	SC	4	0	0	4
4.4	Agricultural Communication	SC	4	0	0	4
4.5	Magazine Journalism	SC	3	1	0	4
4.6	Multimedia	SC	1	0	3	4

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
2.1	Communication Skills	II	2	0	0	2
2.2	Public Relations	II	2	0	0	2
3.1	Media and Social Concerns	III	2	0	0	2
3.2	Marketing Communication	III	2	0	0	2
4.1	Media and Environment	IV	1	1	0	2
4.2	Kannada Press	IV	2	0	0	2

Name of the Department: Criminology and Forensic Science, Maharaja's College, Mysore.
Course: M.Sc. in Criminology
Course Coordinator: Prof. Limbya Naik L

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Criminalities	HC	3	1	0	4
2	Forensic Medicine	HC	3	1	0	4
3	Practical Criminalistics and Forensic Medicine	HC	0	1	3	4
4	Theories of Criminology	SC	3	1	0	4
5	Criminal Justice System	SC	3	1	0	4
6	GIS & GPS in Crime Prevention	SC	3	1	0	4
Semester: II						
1	Forensic Prints and Impressions	HC	3	0	1	4
	Research Methodology and Statistical Methods	HC	3	1	0	4
2	Cyber Crime and Cyber Forensics	SC	3	1	0	4
3	Criminal Major Acts	SC	3	1	0	4
4	Researches in Criminology and Forensic Science[Self Study]	SC	0	2	2	4
Semester: III						
5	Correctional Administration	H C	3	1	0	4
6	Techniques of Crime Investigation	H C	3	1	0	4
7	Term Work	HC	0	1	3	4
1	Police Administration	SC*	3	1	0	4
2	Victimology	SC*	3	1	0	4
Semester: IV						
3	Security and Vigilance	H C	3	1	0	4
4	Term Work	H C	0	2	6	8
5	Questioned Documents	SC*	2	1	1	4
6	Corporate Crimes	SC*	3	1	0	4
7	Criminal Psychology	SC*	3	1	0	4

OPEN ELECTIVES

Paper	Title of the Course	Semester	L	T	P	Credit
	Forensic Science	II	2	0	0	2
	Forensic Medicine and Toxicology	II	2	0	0	2
	Cyber Crime and Cyber Law	III	2	0	0	2
	Police Organisation	III	2	0	0	2
	Law of Prints and Impressions	IV	2	0	0	2
	Victimology	IV	2	0	0	2

Name of the Department: Criminology and Forensic Science, Maharaja's College, Mysore.
Course: M.Sc. in Forensic Science
Course Coordinator: Prof. Limbya Naik L
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Criminalistics	H C	3	1	0	4
	Forensic Medicine	H C	3	1	0	4
	Practical in Criminalistics and Forensic Medicine	H C	0	1	3	4
	Theories of Criminology	SC*	3	1	0	4
	Criminal Justice System	SC*	3	1	0	4
	GIS and GPS in Crime Prevention	SC*	3	1	0	4
Semester: II						
	Forensic Prints and Impressions	H C	3	0	1	4
	Research Methodology and Statistical Methods	H C	3	1	0	4
	Cyber Crime and Cyber Forensics	SC*	3	1	0	4
	Criminal Major Acts	SC*	3	1	0	4
	Researches in Criminology and Forensic Science[Self Study]	SC*	0	2	2	4
Semester: III						
	Forensic Science-I (Physical Sciences)	H C	3	0	1	4
	Forensic Science-II (Chemical Sciences)	H C	3	1	0	4
	Forensic Science-III (Biological Sciences)	H C	3	0	1	4
	Forensic Examination of Explosives	SC*	3	1	0	4
	Forensic Examination of Documents	SC*	3	0	1	4
Semester: IV						
	Forensic Science Instrumentation	H C	3	1	0	4
	Term Work	H C	0	2	6	8
	Forensic Toxicology	SC*	3	1	0	4
	Forensic Psychology	SC*	3	1	0	4

OPEN ELECTIVES

Paper	Title of the Course	Semester	L	T	P	Credit
	Forensic Science	II	2	0	0	2
	Forensic Medicine and Toxicology	II	2	0	0	2
	Cyber Crime and Cyber Law	III	2	0	0	2
	Police Organisation	III	2	0	0	2
	Law of Prints and Impressions	IV	2	0	0	2
	Victimology	IV	2	0	0	2

Sl.No	Code	Title	Type	L T P	Credit
I Semester MA Economics CBCS – 2011-12					
1	86501	Advanced Micro Economics	HC	3+1+0	4
2	86502	Advanced Macro Economics	HC	3+1+0	4
3	86503	Mathematics & Statistics for Economists	HC	3+1+0	4
4	86504	Indian Economy	HC	3+1+0	4
		Any One of the following			
5	86505	Banking & Finance	SC	3+1+0	4
6	86506	Economics of Health	SC	3+1+0	4
7	86507	Agricultural Economics- I	SC	3+1+0	4
8	86508	Labour Economics- I	SC	3+1+0	4
II Semester MA Economics CBCS – 2011-12					
1		Development Economics	HC	3+1+0	4
2		Public Economics : Theory & Policy	HC	3+1+0	4
3		Monetary Economics	HC	3+1+0	4
		Any One of the following			
4		Management Accounting	SC	3+1+0	4
5		Research Methodology	SC	3+1+0	4
6		Agricultural Economics- II	SC	3+1+0	4
7		Labour Economics- II	SC	3+1+0	4
III Semester MA Economics CBCS – 2011-12					
1		Methods of Data Analysis	HC	2+1+0	3
2		International Trade - Theory & Policy	HC	3+1+0	4
3		Theory of Econometrics	HC	3+1+0	4
		Any One of the following			
4		Infrastructure Economics - I	SC	3+1+0	4
5		Gender Economics - I	SC	3+1+0	4
6		Natural Resource and Environmental Economics -I	SC	3+1+0	4
IV Semester MA Economics CBCS – 2011-12					
1		International Finance & Business	HC	2+1+0	3
2		Managerial Economics	HC	2+1+0	3
3		Welfare Economics	HC	2+1+0	3
		Any One of the following			
4		Infrastructural Economics-II	SC	3+1+0	4
5		Gender Economics - II	SC	3+1+0	4
6		Natural Resource and Environmental Economics -II	SC	3+1+0	4
7		Applied Econometrics	SC	3+1+0	4
8		Computer Applications to Economics	SC	3+1+0	4
		Term Project			4
Open Electives					
1		**I Semester - Nil**	OE	-	-
2		II Semester – Indian Economy	OE	3+1+0	4
3		III Semester-1 Rural Development in India	OE	3+1+0	4
		2. Environmental Economics	OE	3+1+0	4
4		IV Semester- 1. Indian Financial Institutions & Markets	OE	3+1+0	4
		2. Economics of Globalization	OE	3+1+0	4

Name of the Department: Economics & Cooperation, MGM.
Course: MA in Cooperation
Course Coordinator: Prof.D.S.Leelavathi

Sl.No	Code	Title	Type	L T P	Credit
I Semester MA Co-operative Management CBCS -2011-12					
1	88701	Economic Analysis	HC	3+1+0	4
2	88702	Business Mathematics	HC	3+1+0	4
3	88703	Theory of Co-operation	HC	3+1+0	4
4	88704	Co-operative Movement in India	HC	3+1+0	4
		Any One of the following			
5	88705	Third Sector and the Economy	SC	3+1+0	4
6	88706	Rural Development and	SC	3+1+0	4
7	88707	Agricultural Economics-	SC	3+1+0	4
II Semester MA Co-operative Management CBCS – 2011-12					
1		Co-operative Management	HC	3+1+0	4
2		Management of Credit Co-operatives	HC	3+1+0	4
3		Co-operative Law	HC	3+1+0	4
		Any One of the following			
4		Business Statistics	SC	3+1+0	4
5		Managerial Economics	SC	3+1+0	4
6		Indian Economy	SC	3+1+0	4
III Semester MA Co-operative Management CBCS – 2011-12					
1		Co-operative Accounting	HC	3+1+0	4
2		Research Methodology	HC	2+1+0	3
3		Management of Non-Credit Cooperatives	HC	3+1+0	4
		Any One of the following			
4		Human Resource Management	SC	3+1+0	4
5		Co-operation and Rural Development	SC	3+1+0	4
6		Co-operative Governance	SC	3+1+0	4
IV Semester MA Co-operative Management CBCS – 2011-12					
1		Finance Management of Co-operatives	HC	2+1+0	3
2		Co-operative Auditing	HC	2+1+0	3
3		Computer - Tally	HC	2+1+0	3
		Any One of the following			
4		Management Information System	SC	3+1+0	4
5		Comparative Co-operative Systems of Selected Countries	SC	3+1+0	4
6		Management of Dairy Co-operatives	SC	3+1+0	4
Open Electives					
1		**I Semester - Nil**	OE	-	-
2		II Semester – Co-operative Management	OE	3+1+0	4
3		III Semester- Co-operative Banking	OE	3+1+0	4
4		IV Semester- Institutions & Rural Development	OE	3+1+0	4

Name of the Department: RIE Mysore
Course: M.Ed. (RIEM)
Course Coordinator:
Course Structure of M.Sc.Ed. Chemistry RIE Scheme

a) I to VIII Semesters

Sl.No.	COURSE	NO. OF CREDITS PER WEEK IN EACH SEMESTER								Total Credits L + T + P (Split)	Total No. of Credits	Total Contact Hours
		I L+T+P	II L+T+P	III L+T+P	IV L+T+P	V L+T+P	VI L+T+P	VII L+T+P	VIII L+T+P			
	COMMON COURSES:											
1	English	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
2	Regional Language	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
3	Holistic Education	0+0+1	-	-	-	-	-	-	-	0+0+1	1	2
4	Environmental Studies	-	0+0+1	-	-	-	-	-	-	0+0+1	1	2
5	Theatre, Art and Heritage, Craft Traditions	-	0+0+1	0+0+1	-	-	-	-	-	0+0+2	2	4
6	ICT			0+0+1	-	-	-	0+0+1	-	0+0+2	2	4
7	Indian Constitution & Human Rights	-	-	-	-	-	-	-	0+1+0	0+1+0	1	2
	CORE COURSES											
8	Maths	(2+1+0)2	2+1+0	2+1+0	2+1+0	2+1+0	2+1+0	(1+1+0)2	2+1+0	18+10+0	28	38
9.	Physics	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
10.	Chemistry	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
11.	Pedagogy of Maths	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
12.	Pedagogy of Physical Sci.	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
13.	Internship Methodology I	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
14	Intrnship Methodology II	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
15.	Understanding Education and its Perspectives	-	1+1+0	-	-	-	-	-	-	1+1+0	02	03
16.	Psychology of Learner & Learning	-	-	2+1+0	-	-	-	-	-	2+1+0	03	04
17.	Assessment of Learning	-	-	-	1+1+0	-	-	-	-	1+1+0	02	03
18.	Teaching Approaches and Strategies	-	-	-	-	2+1+0	-	-	-	2+1+0	03	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
	Electives											
20	Guidance and Counselling / Inclusive Education/Curriculum and School	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
21.	Mathematics: Numerical Analysis/ Graph Theory	-	-	-	-	-	-	-	1+1+0	1+1+0	02	03
	Total Credits	21	21	22	19	22	19	19	18	161	**161**	243
	Total Contact Hours	30	32	32	28	32	28	34	29	243		

b) IX to XII Semesters

Sl.No.	COURSE	No. of Credits per week				Total No. of Credits	Total No. of Contact Hours
		IX L+T+P	X L+T+P	XI L+T+P	XII L+T+P		
	Common Papers						
	Foundations of Chemistry I	1+1+0				2	3
	Foundations of Higher Sec.Edu	2+1+0				3	4
	Foundations of Chemistry II		1+1+0			2	3
	Teaching of Chemistry		2+1+0			3	4
	Internship			0+0+3		3	6
	Research in Chemistry Edu.				2+1+0	3	4
	Core Papers						
	Methods of Chemical Analysis	2+1+0				3	4
	Concepts, Models and Structural Methods of Inorganic Chemistry	2+1+0				3	4
	Stereochemistry and Organic Reaction Mechanism	2+1+0				3	4
	Chemical Thermodynamics & Statistical Mechanics	2+1+0				3	4
	Inorganic Chemistry Practical - I	0+0+2				2	4
	Physical Chemistry Practical – I	0+0+2				2	4
	Titrimetric Analysis & Separation Techniques		2+1+0			3	4
	Advanced Inorganic chemistry		2+1+0			3	4
	Synthetic Organic Chemistry & Chemistry of Natural Products		2+1+0			3	4
	Quantum, Nuclear and Radiation Chemistry		2+1+0			3	4
	Organic Practical - I		0+0+2			2	4
	Analytical Practical – I		0+0+2			2	4
	Applied analysis			2+1+0		3	4
	Organometallics, Catalysis and industrial Inorganic Chemistry			2+1+0		3	4
	Spectroscopy			2+1+0		3	4
	Electrochemistry and Surface Chemitry			2+1+0		3	4
	Organic Practical – II			0+0+2		2	4
	Analytical Practical – II			0+0+2		2	4
	Instrumental Methods of Chemical Analysis				2+1+0	3	4
	Bio-Inorganic Chemistry				2+1+0	3	4

	Heterocyclics Molecular Rearrangements, Green Chemistry, Synthetic Drugs and Antibiotics				2+1+0	3	4
	Chemical Kinetics				2+1+0	3	4
	Inorganic Practical – II				0+0+2	2	4
	Physical Chemistry Practical – II				0+0+2	2	4
	Add on Courses:						
	Communication Skills / Inclusive Education - II			2+1+0		3	4
	Total credits	11+6+4	11+6+4	8+4+7	10+5+4	80	120

Course Structure of M.Sc.Ed. Mathematics RIE Scheme

a) I to VIII Semesters

Sl.No.	COURSE	NO. OF CREDITS PER WEEK IN EACH SEMESTER								Total Credits L + T + P (Split)	Total No. of Credits	Total Contact Hours
		I L+T+P	II L+T+P	III L+T+P	IV L+T+P	V L+T+P	VI L+T+P	VII L+T+P	VIII L+T+P			
	COMMON COURSES:											
1	English	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
2	Regional Language	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
3	Holistic Education	0+0+1	-	-	-	-	-	-	-	0+0+1	1	2
4	Environmental Studies	-	0+0+1	-	-	-	-	-	-	0+0+1	1	2
5	Theatre, Art and Heritage, Craft Traditions	-	0+0+1	0+0+1	-	-	-	-	-	0+0+2	2	4
6	ICT			0+0+1	-	-	-	0+0+1	-	0+0+2	2	4
7	Indian Constitution & Human Rights	-	-	-	-	-	-	-	0+1+0	0+1+0	1	2
	CORE COURSES											
8	Maths	(2+1+0)2	2+1+0	2+1+0	2+1+0	2+1+0	2+1+0	(1+1+0)2	2+1+0	18+10+0	28	38
9.	Physics	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
10.	Chemistry	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
11.	Pedagogy of Maths	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
12.	Pedagogy of Physical Sci.	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
13.	Internship Methodology I	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
14	Intrnship Methodology II	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
15.	Understanding Education and its Perspectives	-	1+1+0	-	-	-	-	-	-	1+1+0	02	03
16.	Psychology of Learner & Learning	-	-	2+1+0	-	-	-	-	-	2+1+0	03	04
17.	Assessment of Learning	-	-	-	1+1+0	-	-	-	-	1+1+0	02	03
18.	Teaching Approaches and Strategies	-	-	-	-	2+1+0	-	-	-	2+1+0	03	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04

Electives

Sl.No	Course										Total Credits	Total Contact Hours
20	Guidance and Counselling / Inclusive Education/Curriculum and School	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
21.	Mathematics: Numerical Analysis/ Graph Theory	-	-	-	-	-	-	-	1+1+0	1+1+0	02	03
	Total Credits	21	21	22	19	22	19	19	18	161	161	243
	Total Contact Hours	30	32	32	28	32	28	34	29	243		

b) IX to XII Semesters

Sl.No.	COURSE	No. of Credits in each semester				Total No. of Credits	Total No. of Contact Hours
		IX L+T+P	X L+T+P	XI L+T+P	XII L+T+P		
	Common Papers						
	Foundations of Mathematics I	1+1+0				2	3
	Foundations of Higher Sec.Edu	2+1+0				3	4
	Curriculum of Hr.Sec. Sch. Maths.	0+3+0				3	6
	Foundations of Mathematics II		1+1+0			2	3
	Teaching of Mathematics		2+1+0			3	4
	Internship			0+0+3		3	6
	Research in Mathematics Edu.				2+1+0	3	4
	Core Papers						
	Algebra III	2+1+0				3	4
	Linear Algebra	2+1+0				3	4
	Real Analysis I	2+1+0				3	4
	Real Analysis II	2+1+0				3	4
	AlgebraI IV		2+1+0			3	4
	Real Analysis III		2+1+0			3	4
	Combinatorics&Graph Theory		2+1+0			3	4
	Topology I		2+1+0			3	4
	Complex Analysis I		2+1+0			3	4
	Commutative Algebra			2+1+0		3	4
	Elements of Functional Analysis			2+1+0		3	4
	Ordinary &Partial Diff. Equ			2+1+0		3	4
	Graph Theory			2+1+0		3	4
	Topology II			2+1+0		3	4
	Differential Geometry				2+1+0	3	4
	Complex Analysis II				2+1+0	3	4
	Elective papers (two out of Three)						
	(1)Advanced Graph Theory (2) Theory				2+1+0	3	4
	of Numbers(3) Algorithms&Computation				2+1+0	3	4
	Open Electives:						
	Communication Skills / Inclusive Education - II			2+1+0		3	4
	Total credits	11+9=0=20	13+7+0= 20	12+6+9= 21	10+5+0= 15	76	106

41

Course Structure of M.Sc.Ed. Physics RIE Scheme
a) I to VIII Semesters

Sl.No.	COURSE	NO. OF CREDITS PER WEEK IN EACH SEMESTER								Total Credits L + T + P (Split)	Total No. of Credits	Total Contact Hours
		I L+T+P	II L+T+P	III L+T+P	IV L+T+P	V L+T+P	VI L+T+P	VII L+T+P	VIII L+T+P			
	COMMON COURSES:											
1	English	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
2	Regional Language	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
3	Holistic Education	0+0+1	-	-	-	-	-	-	-	0+0+1	1	2
4	Environmental Studies	-	0+0+1	-	-	-	-	-	-	0+0+1	1	2
5	Theatre, Art and Heritage, Craft Traditions	-	0+0+1	0+0+1	-	-	-	-	-	0+0+2	2	4
6	ICT			0+0+1	-	-	-	0+0+1	-	0+0+2	2	4
7	Indian Constitution & Human Rights	-	-	-	-	-	-	-	0+1+0	0+1+0	1	2
	CORE COURSES											
8	Maths	(2+1+0)2	2+1+0	2+1+0	2+1+0	2+1+0	2+1+0	(1+1+0)2	2+1+0	18+10+0	28	38
9.	Physics	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
10.	Chemistry	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
11.	Pedagogy of Maths	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
12.	Pedagogy of Physical Sci.	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
13.	Internship Methodology I	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
14	Intrnship Methodology II	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
15.	Understanding Education and its Perspectives	-	1+1+0	-	-	-	-	-	-	1+1+0	02	03
16.	Psychology of Learner & Learning	-	-	2+1+0	-	-	-	-	-	2+1+0	03	04
17.	Assessment of Learning	-	-	-	1+1+0	-	-	-	-	1+1+0	02	03
18.	Teaching Approaches and Strategies	-	-	-	-	2+1+0	-	-	-	2+1+0	03	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	2+1+0	2+1+0	2+1+0	03	04
	Electives											
20	Guidance and Counselling / Inclusive Education/Curriculum and School	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
21.	Mathematics: Numerical Analysis/ Graph Theory	-	-	-	-	-	-	-	1+1+0	1+1+0	02	03
	Total Credits	21	21	22	19	22	19	19	18	161	**161**	243
	Total Contact Hours	30	32	32	28	32	28	34	29	243		

b) IX to XII Semesters

Sl.No.	COURSE	No. of Credits in each semester				Total No. of Credits	Total No. of Contact Hours
		IX L+T+P	X L+T+P	XI L+T+P	XII L+T+P		
	Common Papers						
	Foundations of Physics Education I	1+1+0				2	3
	Foundations of Higher Sec.Edu	2+1+0				3	4

42

Course	Sem (col1)	Sem (col2)	Sem (col3)	Sem (col4)	Total Credits	Contact Hours
Foundations of Physics Education II		1+1+0			2	3
Teaching of Physics		2+1+0			3	4
Internship			0+0+3		3	6
Research in Physics Education				2+1+0	3	4
Core Papers						
Mathematics Physics	2+1+0				3	4
Classical Mechanics	2+1+0				3	4
Classical Electrodynamics - I	2+1+0				3	4
Electronics	2+1+0				3	4
Core Lab – I	0+0+4				4	8
Mathematical Physics - II		2+1+0			3	4
Quantum Mechanics – I		2+1+0			3	4
Classical Electrodynamics – II		2+1+0			3	4
Digital and Communication Electronics		2+1+0			3	4
Core Lab – II		0+0+4			4	8
Quantum Mechanics – II			2+1+0		3	4
Spectroscopy			2+1+0		3	4
Statistical Physics			2+1+0		3	4
Solid State Physics – I			2+1+0		3	4
Core Lab – III			0+0+4		4	8
Laser Physics				2+1+0	3	4
Material Physics				2+1+0	3	4
Nuclear Physics				2+1+0	3	4
Solid State Physics - II				2+1+0	3	4
Core Lab – IV				0+0+4	4	8
Add on courses:						
Communication Skills / Inclusive Education – II			2+1+0		3	4
	11+6-4	11+6+4	8+4+7	10+5+4	80	120

6.0 Course Structure of B.Sc.Ed. RIE Scheme

Sl.No.	COURSE	NO. OF CREDITS PER WEEK IN EACH SEMESTER								Total Credits L + T + P (Split)	Total No. of Credits	Total Contact Hours
		I L+T+P	II L+T+P	III L+T+P	IV L+T+P	V L+T+P	VI L+T+P	VII L+T+P	VIII L+T+P			
	COMMON COURSES:											
1	English	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
2	Regional Language	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
3	Holistic Education	0+0+1	-	-	-	-	-	-	-	0+0+1	1	2
4	Environmental Studies	-	0+0+1	-	-	-	-	-	-	0+0+1	1	2
5	Theatre, Art and Heritage, Craft Traditions	-	0+0+1	0+0+1	-	-	-	-	-	0+0+2	2	4
6	ICT			0+0+1	-	-	-	0+0+1	-	0+0+2	2	4
7	Indian Constitution & Human Rights	-	-	-	-	-	-	-	0+1+0	0+1+1	1	2
	CORE COURSES											
8	Maths	(2+1+0)2	2+1+0	2+1+0	2+1+0	2+1+0	2+1+0	(1+1+0)2	2+1+0	18+10+0	28	38

Sl.No.	Course	I	II	III	IV	V	VI	VII	VIII	Total Credits L+T+P	Total No. of Credits	Total Contact Hours
9.	Physics	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
10.	Chemistry	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
11.	Pedagogy of Maths	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
12.	Pedagogy of Physical Sci.	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
13.	Internship Methodology I	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
14	Internship Methodology II	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
15.	Understanding Education and its Perspectives	-	1+1+0	-	-	-	-	-	-	1+1+0	02	03
16.	Psychology of Learner & Learning	-	-	2+1+0	-	-	-	-	-	2+1+0	03	04
17.	Assessment of Learning	-	-	-	1+1+0	-	-	-	-	1+1+0	02	03
18.	Teaching Approaches and Strategies	-	-	-	-	2+1+0	-	-	-	2+1+0	03	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
Electives												
20	Guidance and Counselling / Inclusive Education/Curriculum and School	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
21.	Mathematics: Numerical Analysis/ Graph Theory	-	-	-	-	-	-	-	1+1+0	1+1+0	02	03
	Total Credits	21	21	22	19	22	19	19	18	161	**161**	243
	Total Contact Hours	30	32	32	28	32	28	34	29	243		

PANORAMA OF THE EIGHT-SEMESTERS   (CBZ)

Sl.No.	COURSE	CREDITS PER WEEK IN EACH SEMESTER								Total Credits L + T + P	Total No. of Credits	Total Contact Hours
		I L+T+P	II L+T+P	III L+T+P	IV L+T+P	V L+T+P	VI L+T+P	VII L+T+P	VIII L+T+P			
	COMMON COURSES:											
1	English	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
2	Regional Language	2+1+0	2+1+0	2+1+0	2+1+0	-	-	-	-	8+4+0	12	16
3	Holistic Education	0+0+1	-	-	-	-	-	-	-	0+0+1	1	2
4	Environmental Studies	-	0+0+1	-	-	-	-	-	-	0+0+1	1	2
5	Theatre, Art and Heritage, Craft Traditions	-	0+0+1	0+0+1	-	-	-	-	-	0+0+2	2	4
6	ICT			0+0+1	-	-	-	0+0+1	-	0+0+2	2	4
7	Indian Constitution And Human Rights	-	-	-	-	-	-	-	0+1+0	0+1+0	1	2
	CORE COURSES											
8	Botany	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
9.	Zoology	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
10.	Chemistry	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	3+0+1	2+0+1	1+1+1	21+1+8	30	47
11.	Pedagogy of Biological Science	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
12.	Pedagogy of Physical Sci.	-	-	-	-	2+2+0	2+2+0	-	-	4+4+0	08	12
13.	Internship Methodology I	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
14	Intrnship Methodology II	-	-	-	-	-	-	0+0+4	-	0+0+4	4	8
15.	Understanding Education and its Perspectives	-	1+1+0	-	-	-	-	-	-	1+1+0	02	03

Sl No	Course	I	II	III	IV	V	VI	VII	VIII	Tot.	Credits	Con.Hrs
16.	Psychology of Learner & Learning	-	-	2+1+0	-	-	-	-	-	2+1+0	03	04
17.	Assessment of Learning	-	-	-	1+1+0	-	-	-	-	1+1+0	02	03
18.	Teaching Approaches and Strategies	-	-	-	-	2+1+0	-	-	-	2+1+0	03	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
Electives												
20	Guidance and Counselling / Inclusive Education/ Curriculum and School	-	-	-	-	-	-	-	2+1+0	2+1+0	03	04
	Total Credits	19	22	23	20	23	20	18	16	162	**161**	249
	Total Contact Hours	28	33	34	29	34	30	33	28	249		

Course Structure of B.A.Ed RIE Scheme
PANORAMA OF THE COURSES OF EIGHT-SEMESTERS

Sl No		I	II	III	IV	V	VI	VII	VIII	Tot.Credis L+T/P	Tot.ConHrs
	Hard Course										
1	English	2+1	2+1	2+1	2+1		-	-	-	8+4=12	16
2	Regional Language	2+1	2+1	2+1	2+1		-	-	-	8+4=12	16
3.	Holistic Education	0+1								0+1=1	02
4	Environmental Education		0+1							0+1=1	02
5	Theatre, Arts and Heritage Craft Tradition.		0+1	0+1	--	-	-	-	-	0+2=2	04
6	Information and Communication Technology (ICT) in Education	-	-	0+1	-	-	-	0+1	-	0+2=2	04
7	Indian Constitution and Human Rights	-		-	-	-	-	-	0+1	0+1=1	02
	Soft Core :										
8	English Literature	2+1	2+2	2+2	2+2	2+2	2+2	2+1	2+2	16+14=30	44
9.	Social Science	2+1	2+2	2+2	2+2	2+2	2+2	2+1	2+2	16+14=30	44
10.	Lang.st/History/Pol.Science/Economics/Geography	2+1	2+2	2+2	2+2	2+2	2+2	2+1	2+2	16+14=30	44
11.	Pedagogy of English Language Teaching	-	-	-	-	2+2	2+2	-	-	4+4=8	12
12	Pedagogy of Social Sciences	-	-	-	-	2+2	2+2	-	-	4+4=8	12
13.	Internship Methodology I	-	-	-	-	-	-	0+4	-	0+4=4	08
14.	Internship Methodology II	-	-	-	-	-	-	0+4	-	0+4=4	08
15.	Understanding Education and its perspectives	-	1+1	-	-	-	-	-	-	1+1=2	03
16.	Psychology of Learner and Learning	-	-	2+1	-	-	-	-	-	2+1=3	04
17.	Assessment of Learning	-	-	-	1+1	-	-	-	-	1+1=2	03
18.	Teaching Approaches & Strategies	-	-	-	-	2+1	-	-	-	2+1=3	04
19.	Secondary Education in India: Status, Challenges and Strategies	-	-	-	-	-	-	-	2+1	2+1=3	04
	ELECTIVE										
20.	Guidance & Counseling/Inclusive Education /Curriculum and School	-	-	-	-	-	-	-	2+1	2+1=3	04

45

		16	22	23	21	23	20	18	19	161	240
Total Credits											
Total Contact Hrs.		22	33	34	29	34	30	30	28		240

B.A.Ed. CBCS Scheme
SCHEME OF EXAMINATION

Sem	Course Code	Subject	Sessional C1= 25 C2 =25 Total=50	Terminal C3=50	Total
I	I # E.1	English	50	50	100
	I # RL.1.1	Reg.Lang.-Hindi	50	50	
	I # RL.2.1	Reg.Lang.-Kannada	50	50	
	I # RL.3.1	Reg.Lang.-Malayalam	50	50	100
	I # RL.4.1	Reg.Lang.-Tamil	50	50	
	I # RL.5.1	Reg.Lang.-Telugu	50	50	
	I # HPE.1	Holistic Education	50	50	100
	I # LT.1	English Literature	50	50	100
	I # LS.1	Language Studies	50	50	100
	I # SS.1	Social Sciences	50	50	100
	I # G.1	Geography Theory	50	50	100*
		Geography Practicals		50	
	I # H.1	History	50	50	100
	I # Eco.1	Economics	50	50	100
	I # Pol.1	Political Science	50	50	100
				Total ELS/ESG	600
II	II # E.2	English	50	50	100
	II #RL.1.2	Reg.Lang.-Hindi	50	50	
	II #RL.2.2	Reg.Lang.-Kannada	50	50	
	II #RL.3.2	Reg.Lang.-Malayalam	50	50	100
	II #RL.4.2	Reg.Lang.-Tamil	50	50	
	II #RL.5.2	Reg.Lang.-Telugu	50	50	
	II # EE.1	Environmental Studies	50	50	100
	II # TAHCT.2	Theatre, Arts and Heritage, Craft Tradition	50	50	100
	II # Edu.1	Understanding Education and its Perspectives	50	50	100
	II # LT.2	English Literature	50	50	100
	II # LS.2	Language Studies	50	50	100
	II # SS.2	Social Sciences	50	50	100
	II # H.2	History	50	50	100
	II # G.2	Geography Theory	50	50	100*
		Geography Practicals		50	
	II # Eco.2	Economics	50	50	100
	II # Pol.2	Political Science	50	50	100
				Total ELS/ESG	800
III	III # E.3	English	50	50	100
	III #RL.1.3	Reg.Lang.-Hindi	50	50	
	III #RL.2.3	Reg.Lang.-Kannada	50	50	100
	III #RL.3.3	Reg.Lang.-Malayalam	50	50	
	III #RL.4.3	Reg.Lang.-Tamil	50	50	
	III #RL.5.3	Reg.Lang.-Telugu	50	50	
	III # ICT.1	Information and Communication Technology in Education- I	50	50	100
	III # TAHCT.3	Theatre, Arts and Heritage, Craft Tradition	50	50	100
	III # Edu.2	Psychology of Learner and Learning	50	50	100
	III # LT.3	English Literature	50	50	100
	IIII # LS.3	Language Studies	50	50	100
	III # SS.3	Social Sciences	50	50	100

	III # G.3	Geography Theory	50	50	100*
		Geography Practicals		50	
	III # H.3	History	50	50	100
	III # Eco.3	Economics	50	50	100
	III # Pol.3	Political Science	50	50	100
				Total ELS/ESG	**800**
IV	IV # E.4	English	50	50	100
	IV # RL.1.4	Reg.Lang.-Hindi	50	50	
	IV # RL.2.4	Reg.Lang.-Kannada	50	50	100
	IV # RL.3.4	Reg.Lang.-Malayalam	50	50	
	IV # RL.4.4	Reg.Lang.-Tamil	50	50	
	IV # RL.5.4	Reg.Lang.-Telugu	50	50	
	IV# Edn.3	Assessment of Learning	50	50	100
	IV # LT.4	English Literature	50	50	100
	IV # LS.4	Language Studies	50	50	100
	IV # SS.4	Social Sciences	50	50	100
	IV # G.4	Geography Theory	50	50	100*
		Geography Practicals		50	
	IV # H.4	History	50	50	100
	IV # Eco.4	Economics	50	50	100
	IV # Pol.4	Political Science	50	50	100
				Total ELS/ESG	**600**
V	V # Edu.4	Teaching approaches and Strategies	50	50	100
	V # ELT.1	Pedagogy of English Language	50	50	100
	V # POSS.1	Pedagogy of Social Sciences	50	50	100
	V# LT.5	English Literature	50	50	100
	V # LS.5	Language Studies	50	50	100
	V # SS.5	Social Sciences	50	50	100
	V # G.5	Geography Theory	50	50	100*
		Geography Practicals		50	
	V # H.5	History	50	50	100
	V # Eco.5	Economics	50	50	100
	V # Pol.5	Political Science	50	50	100
				Total ELS/ESG	**600**
VI	VI # ELT.2	Pedagogy of English Language	50	50	100
	VI # POSS.2	Pedagogy of Social Science	50	50	100
	VI # LT.6	English Literature	50	50	100
	VI # LS.6	Language Studies	50	50	100
	VI # SS.6	Social Sciences	50	50	100
	VI # G.6	Geography Theory	50	50	100*
		Geography Practicals		50	
	VI # H.6	History	50	50	100
	VI # Eco.6	Economics	50	50	100
	VI # Pol.6	Political Science	50	50	100
				Total ELS/ESG	**600**
VII	VII # ICT.2	ICT in Education	50	50	100
	VII # LT.7	English Literature	50	50	100
	VII # LS.7	Language Studies	50	50	100
	VII # SS.7	Social Sciences	50	50	100
	VII # G.7	Geography Theory	50	50	100*
		Geography Practicals		50	
	VII # H.7	History	50	50	100
	VII # Eco.7	Economics	50	50	100
	VII # Pol.7	Political Science	50	50	100
	VII # IP.1	Internship Programme	--	--	300
		ELS/ESG		**Total**	**700**

VIII	VIII # IC.1	Indian Constitution and Human Rights	50	50	100
	VIII # Edu.5	Secondary Edn: Status, Issus and concerns	50	50	100

VIII# Edu.6 (Elective)	Inclusive Edn./Guidance & Counseling/Curriculum & School	50	50	100	
VIII # LT.8	English Literature	50	50	100	
VIII # LS.8	Language Studies	50	50	100	
VIII # SS.8	Social Sciences	50	50	100	
VIII # G.8	Geography Theory Geography Practicals	50	50 50	100*	
VIII # H.8	History	50	50	100	
VIII # Eco.8	Economics	50	50	100	
VIII # Pol.8	Political Science	50	50	100	
	ELS/ESG			**Total**	**600**
	Grand Total				**5300**

Name of the Department: AIISH
M.Sc. (Audiology) CBCS and CAGP Regulations – 2011
Revised Structure of M.Sc. (Audiology) - CBCS   Scheme
Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	1.1	Research methods and Statistics in Speech-Language & Hearing	HC	2:1:0	3
2	1.2	Auditory Physiology	HC	2:1:0	3
3	1.3	Basics in Auditory Perception	HC	2:1:0	3
4	1.4	Physiological Assessment of the Auditory System	HC	2:1:0	3
5	1.5	Technology for Speech-Language & Hearing OR	SC	1:1:0	2
		Clinical Counseling OR	SC	1:1:0	2
		Speech Production OR	SC	1:1:0	2
		Diseases of the ear and auditory pathway	SC	1:1:0	2
6	1.6*	Clinical Practicum I	HC	0:0:4	4
		TOTAL CREDITS - 18			

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	2.1	Neurophysiology of Hearing	HC	2:1:0	3
2	2.2	Psychophysics of Audition	HC	2:1:0	3
3	2.3	Electrophysiological Assessment of the Auditory System	HC	2:1:0	3
4	2.4	Vestibular system: assessment & management OR	SC	1:1:0	2
		Clinical Neuropsychology OR	SC	1:1:0	2
		Clinical Behavior Analysis	SC	1:1:0	2
5	2.5	Any paper offered by the UOM	OE	(3 credits)	3
6	2.6*	Clinical Practicum I	HC	0:0:4	4
7	2.7*	Clinical Practicum II	SC	0:0:1	1
		TOTAL CREDITS - 19			

Semester III

	Code	Title of the paper	Type	L:T:P	Credits
1	3.1	Psychophysics of Audition in hearing impaired	HC	2:1:0	3
2	3.2	Implantable Devices for individuals with hearing impairment	HC	2:1:0	3
3	3.3	Speech Perception	HC	2:1:0	3
4	3.4	Seminars in assessment of hearing impairment	HC	2:1:0	3
5	3.5	Seminars in Rehabilitative Audiology	HC	2:1:0	3
6	3.6*	Clinical Practicum III	HC	0:0:4	4
7	3.7	Dissertation	HC		1
		TOTAL CREDITS - 20			

Semester IV

	Code	Title of the paper	Type	L:T:P	Credits
1	4.1	Assessment and Management of Central Auditory Processing Disorders	HC	2:1:0	3
2	4.2	Audiology in Practice	HC	2:1:0	3
3	4.3	Speech Perception in Clinical Population	HC	2:1:0	3
4	4.4*	Clinical Practicum III	HC	0:0:4	4
5	4.5	Dissertation	HC	0:1:5	6
		TOTAL CREDITS - 19			

Total credits (I to IV Semesters) = 76

*Clinical practicum (internal) shall begin from I/III semester. The internal marks are based on performance of I & II/ III & IV semester's clinical work taken together.

HCC: Hard core clinical; SCC: Soft core clinical: Examination of ear with different pathology, repair of hearing aids, speech synthesis, counseling & guidance, Neuropsychological evaluation, speech synthesis & LD evaluation and therapy.

Please note:-
L: One hour of lecture = 1 credit
T: Two hours of tutorials = 1 credit
P: Four hours of clinical practicum = 1 credit
D: Dissertation

Name of the Department: AIISH

M.Sc. (Speech Language Pathology) CBCS and CAGP Regulations – 2011

Revised Structure of M.Sc. (SLP) - CBCS Scheme

Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	1.1	Research methods & Statistics in Speech-Language & Hearing	HC	2:1:0	3
2	1.2	Neurobiology of speech and language	HC	2:1:0	3
3	1.3	Speech Production	HC	2:1:0	3
4	1.4	Clinical Linguistics & Multilingual Issues in Communication	HC	2:1:0	3
5	1.5	Technology for speech language and hearing OR Assessment and management of CAPD	SC	1:1:0	2
6	1.6*	Clinical Practicum I	HC	0:0:4	4
		TOTAL CREDITS - 18			

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	2.1	Language, Cognition and Brain	HC	2:1:0	3
2	2.2	Maxillofacial anomalies and phonological disorders	HC	2:1:0	3
3	2.3	Child Language Disorders	HC	2:1:0	3
4	2.4	Clinical Neuropsychology	SC	1:1:0	2
		OR Clinical Counseling	SC	1:1:0	2
		OR Clinical Behavior analysis	SC	1:1:0	2
		OR Endoscopic evaluation of lesions of the larynx	SC	1:1:0	2
5	2.5	Any paper offered by the UOM	OE	(3 credits)	3
6	2.6*	Clinical Practicum I	HC	0:0:4	4
7	2.7*	Clinical Practicum II	SC	0:0:1	1
		TOTAL CREDITS - 19			

Semester III

	Code	Title of the paper	Type	L:T:P	Credits
1	3.1	Fluency and its Disorders	HC	2:1:0	3
2	3.2	Speech and Language Processing	HC	2:1:0	3
3	3.3	Aphasia	HC	2:1:0	3
4	3.4	Voice and its Disorders	HC	2:1:0	3
5	3.5	Motor speech disorders	HC	2:1:0	3
6	3.6*	Clinical Practicum I	HC	0:0:4	4
7	3.7	Dissertation	HC	D	1
		TOTAL CREDITS - 20			

Semester IV

	Code	Title of the paper	Type	L:T:P	Credits
1	4.1	Adult Language disorders	HC	2:1:0	3
2	4.2	Augmentative and Alternative Communication	HC	2:1:0	3
3	4.3	Suprasegmentals & Music acoustics	HC	2:1:0	3
4	4.4*	Clinical Practicum I	HC	0:0:4	4
5	4.5	Dissertation	HC	0:1:5	6
		TOTAL CREDITS - 19			

Total credits (I to IV Semesters) = 76

* Clinical practicum (internal) shall begin from I/III semester. The internal marks are based on performance of I & II / III & IV semester's clinical work taken together. External exams for the clinical practicum will be conducted at the end of the II & IV semesters.

HCC – Hard Core Clinical

SCC – Soft Core Clinical: Counseling and guidance, Neuropsychological evaluation, Clinical Behavioural analysis, clinical management of lesions of larynx.

L= Lecture (1 hour=1 credit)   T=Tutorial (2 hours=1 credit)   P=Clinical Practicum (4 hours=1credit) D=Dissertation

PGDCL-SLP CBCS and CAGP Regulations – 2011

Revised Structure of PGDCL-SLP CBCS Scheme

Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	81601	Fundamentals of Clinical Linguistics	HC	3:1:0	4
2	81602	Readings in Psycho and Neuro-linguistics	HC	3:1:0	4
3	81603	Multilingualism in the Indian context	HC	3:1:0	4
4	81604a or	Research methods and statistics *OR*	SC	3:1:0	4
	81604b or	Phonology in Speech-Language Pathology *OR*	SC		
	81604c or	Softwares in Speech-Language Pathology *OR*	SC		
	81604d	Signal Processing in Speech-Language Pathology	SC		
		TOTAL CREDITS - 16			

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	81621	Linguistic analysis – Child language disorders	HC	3:1:0	4
2	81622	Linguistic analysis – Adult language disorders	HC	3:1:0	4
3	C107#	Clinical practicals	HC	0: 0: 6	6
4	C108	Project	HC	0:2:4	6
5	81623 / 81624	Open Electives (Computers / Speech Sciences)	OE	4:0:0	4
		TOTAL CREDITS - 24			

 # The activity will commence from I Semester
L: Lecture, T: Tutorials, P: Practicals

One credit is 1 hour of theory / 2 hours of Tutorials/ 2 hours of practicals.

PGDCL CBCS and CAGP Regulations – 2012

Revised Structure of PGDCL CBCS Scheme

Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	81601	Fundamentals of Clinical Linguistics	HC	3:1:0	4
2	81602	Readings in Psycho and Neuro-linguistics	HC	3:1:0	4
3	81603	Multilingualism in the Indian context	HC	3:1:0	4
4	81604 or	Research methods and statistics **OR**	SC	3:1:0	4
	81605 Or	Phonology in Speech-Language Pathology **OR**	SC		
	81607 or	Softwares in Speech-Language Pathology **OR**	SC		
	81608	Signal Processing in Speech-Language Pathology	SC		
5	81609 / 81610	Open Electives (Computers / Speech Sciences)	OE	4:0:0	4
		TOTAL CREDITS - 20			

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	81621	Linguistic analysis – Child language disorders	HC	3:1:0	4
2	81622	Linguistic analysis – Adult language disorders	HC	3:1:0	4
3	C107#	Clinical practicals	HC	0: 0: 6	6
4	C108	Project	HC	2:4:0	6
		TOTAL CREDITS - 20			

 # The activity will commence from I Semester
L: Lecture, T: Tutorials, P: Practicals
One credit is 1 hour of theory / 2 hours of Tutorials/ 2 hours of practicals.

Name of the Department: AIISH

PGDNA CBCS and CAGP Regulations – 2012

Revised Structure of PGDNA CBCS Scheme

Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	NA1.1	Research methods and statistics in Neuro-Audiology	HC	2:2:0	4
2	NA1.2	Anatomy physiology of the auditory system	HC	2:2:0	4
3	NA1.3	Technology in Neuro-Audiology	SC	3:0:0	3
4	NA1.4	Disorders of the auditory and vestibular system	SC	3:0:0	3
5	NA1.5	Overview of behavioral assessment of auditory nervous system	SC	3:0:0	3
6	NA1.6	Practicals in Neuro-Audiology	HC	0:0:5	5
TOTAL CREDITS - 19					

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	NA2.1	Physiological tests of the auditory nervous system	HC	2:2:0	4
2	NA2.2	Functional correlates of the auditory system	HC	2:2:0	4
3	NA2.3	Vestibular system: Assessment	SC	3:0:0	3
4	NA2.4	Clinical neuropsychology	SC	3:0:0	3
5	NA2.5	Practical in Neuro-Audiology	HC	0:0:3	3
6	NA2.6	Project	HC	0:4:0	4
7		OE	OE	3:0:0	3
TOTAL CREDITS - 21					

L: 1 hr = 1 credit, T: 2 hrs = 1 credit, P: 4 hrs = 1 credit; Project: 2 hrs = 1 credit
*   In I semester, the students can select 2 out of 3 SC.
**   In II semester, the students can select 1 out of 2 SC.

To run a SC course, at least 5 candidates are required

The modified syllabus of the Course NA 2.4 Neuropsychology is enclosed as Annexure 1.

Name of the Department: AIISH

PGDAAC CBCS and CAGP Regulations – 2012

Revised Structure of PGDAAC CBCS Scheme

Semester I

	Code	Title of the paper	Type	L:T:P	Credits
1	AAC1.1	Introduction to Augmentative and Alternative Communication (AAC)	HC	3:0:1	4
2	AAC 1.2	Principles and Practices in Augmentative and Alternative Communication (AAC)	HC	3:0:1	4
3	AAC1.3	Systems of Signing (Indian Sign Language and Makaton) **OR**	SC	0:4:0	4
	AAC1.4	Visual systems (PECS, Indian Picture System) **OR**	SC	0:4:0	4
	AAC1.5	Cued Speech **OR**	SC	0:4:0	4
	AAC1.6	Selection and maintenance of AAC devices	SC	0:4:0	4
4	AAC 1.7	Clinical Practical - 1	HC	0:0:4	4
5	AAC1.8	Clinical Practical - 2	HC	0:0:4	4
TOTAL CREDITS - 20					

Semester II

	Code	Title of the paper	Type	L:T:P	Credits
1	AAC 2.1	Specific strategies in AAC intervention	HC	3:0:1	4
2	AAC 2.2	Promoting communication skills in different settings	HC	3:0:1	4
3	AAC 2.3	Clinical Practical - 3	HC	0:0:6	6
4	AAC 2.4	Project	HC	0:1:5	6
TOTAL CREDITS - 20					

One credit = 1 hour of theory / 4 hours of tutorial / 2 hours of practical

M.Sc (Speech and Hearing) CBCS and CAGP Regulations - 2011

I Semester

	Code	Title of the course	Type	L:T:P	Credits
1	88201	Research methods and statistics and speech-language & Hearing	HC	2:1:0	3
2	88202	Technology for speech-language & hearing OR Clinical Counselling OR Diseases of the ear and Auditory pattern OR Speech and Language processing	SC	2:1:0	2
3	88206	Advances in Speech & Language Sciences	HC	2:1:0	3
4	88207	Maxillofacial anomalies and phonological disorders	HC	2:1:0	3
5	88208	Auditory Physiology	HC	2:1:0	3
6		Clinical Practicum I	HC	0:0:4	4
7		Clinical Practicum II	SC	0:0:1	1

II Semester M.Sc (Speech and Hearing)

	Code	Title of the course	Type	L:T:P	Credit
1	88221	Child Language Disorders	HC	2:1:0	3
2	88222	Clinical Neuropsychology OR Vestibular system: assessment & management OR Clinical Behaviour Analysis	SC	2:1:0	2
3	88225	Psychophysics of audition	HC	2:1:0	3
4	88226	Electrophysiological Assessment of the Auditory System	HC	2:1:0	3
5		Clinical Practicum I	HC	0:0:4	4
6		Clinical Practicum II	SC	0:0:1	1

III Semester M.Sc (Speech and Hearing)

	Code	Title of the course	Type	L:T:P	Credit
1	88241	Fluency and its Diroders	HC	2:1:0	3
2	88242	Voice and its Disorders	HC	2:1:0	3
3	88243	Speech Perception	HC	2:1:0	3
4	88244	Seminars in assessment of hearing impairment.	HC	2:1:0	3
5	88245	Hearing Devices	HC	2:1:0	3
6		Clinical Practicum III	HC	0:0:4	4

IV Semester M.Sc (Speech and Hearing)

	Code	Title of the course	Type	L:T:P	Credit
1	88261	Adult Language Disorders	HC	2:1:0	3
2	88262	Motor Speech Disorders	HC	2:1:0	3
3	88263	Advances in Management of Persons with hearing disorders	HC	2:1:0	3
4		Clinical Practicum III	HC	0:0:4	4
5		Clinical Practicum IV	SC	0:0:1	1
6		Dissertation	HC	0:1:5	6

Open Electives

		Title	Type	L:T:P	Credit
1		Fundamental of computers	OE	0:1:0	2
2		Kannada	OE	0:1:0	2

Total Credits: 76

I sem   -   19
II sem   -   18
III sem   -   19
IV sem   -   20

Name of the Department: ENGLISH
Course: M.A. ENGLISH
Course coordinator:Prof. K.T.Sunitha

Semester I

Paper Code	Title of the Course	Type	L	T	P	Credit
	English Literature from Chaucer to Milton	HC	3	1	0	4
	Elizabethan Age	HC	3	1	0	4
	17th and 18th Century English Literature	HC	3	1	0	4
	Indian Classics in Translation	SC	3	1	0	4
	Cross Cultural Women Writers	SC	2	2	0	4
	Restoration and 18th century English Literature; Literary Criticism part-I	HC	3	1	0	4
	Indian Women Novelists	SC	3	1	0	4
	Dalit Literature-I	SC	3	1	0	4
Semester II						
	Nineteenth Century English Literature	HC	3	1	0	4
	Literary Criticism Part-I	HC	3	1	0	4
	Indian Writing in English-I	HC	3	1	0	4
	Minor Research Project	HC				4
	Folklore and Drama	SC	3	1	0	4
	Caribbean Fiction and Poetry	SC	3	1	0	4
	African American Fiction	SC	3	1	0	4
	Dalit Literature Part II					
Semester III						
	Modern Age-I	HC	3	1	0	4
	Indian Writing in English-II	HC	3	1	0	4
	New Literature in English	HC	3	1	0	4
	Novels of Childhood	SC	3	1	0	4
	Women writings from the Margins	SC	3	1	0	4
	Nobel Laureates	SC	3	1	0	4
	Folklore and Literature	SC	3	1	0	4
	Theories and Culture an Introduction	SC	3	1	0	4
	Folk epics of Karnataka	SC	3	1	0	4
	Introduction to Australian Literature	SC	3	1	0	4
Semester IV						
	Modern Age-II	HC	3	1	0	4
	Literary Criticism II	HC	3	1	0	4
	American Literature	HC	3	1	0	4
	Project Work/Dissertation	HC	0	1	3	4
	Myth and Drama-II	SC	3	1	0	4
	Canadian Science Fiction by Women	SC	3	1	0	4
	Popular Culture and Censorship	SC	3	1	0	4
	Post 1990 Indian Women Narratives	SC	3	1	0	4
	Twentieth Century Indian Poets in English	SC	3	1	0	4
	South Asian Immigrant Literature in Canada	SC	3	1	0	4
	Indian Fiction in English and in Translation	SC	3	1	0	4
	Canada and the World	SC	3	1	0	4
OPEN ELECTIVES						
II Sem.	Course in Written and spoken English, An Introduction to English Literature		3	1	0	4
III Sem.	Writeen and Spoken English-II		3	1	0	4
IV Sem.	A Course in English Literature		3	1	0	4

Name of the Department : EDUCATION
Course: M.ED
Co-ordinator: Dr.G.Sheela

SEMESTER: I

TITLE OF THE COURSE	Type	L	T	P	CREDIT
Advanced Educational Psychology – I	HC	2	1	0	3
Educational Thoughts and Practices	HC	2	1	0	3
Research Methodology and Data Analysis – I	HC	2	1	0	3
Information Communication and Technology in Education	SC	2	1	0	3
Teacher Education	SC	2	1	0	3
Technology of Teaching	SC	2	1	0	3
Education and Human Resource Development	SC	2	1	0	3
Curriculum Development	SC	2	1	0	3
Educational Management	SC	2	1	0	3
Principles and Techniques of Guidance	SC	2	1	0	3
Education of the Challenged – I	SC	2	1	0	3
Personality Development Practicum	P	0	0	1	1
Dissertation Proposal	D	0	0	2	2

SEMESTER : II

TITLE OF THE COURSE	Type	L	T	P	CREDIT
Advanced Educational Psychology – II	**HC**	2	1	0	**3**
Education – System, Policies and Programs	**HC**	2	1	0	**3**
Research Methodology and Data Analysis – II	**HC**	2	1	0	**3**
Information Communication and Technology in Education	**SC**	2	1	0	**3**
Teacher Education	**SC**	2	1	0	**3**
Knowledge Management	**SC**	2	1	0	**3**
Elementary Education	**SC**	2	1	0	**3**
Education : Assessment and Evaluation	**SC**	2	1	0	**3**
Educational Planning and Finance	**SC**	2	1	0	**3**
Counseling – Principles and Processes	**SC**	2	1	0	**3**
Education of the Challenged – II	**SC**	2	1	0	**3**
Teacher Education Practicum	**P**	0	0	2	**2**
Educational Psychology Practicum	**P**	0	0	1	**1**
Dissertation Report	**D**	0	0	4	**4**

OPEN ELECTIVE

TITLE OF THE COURSE	Semester	L	T	P	CREDIT
Education : Assessment and Evaluation	I	3	1	0	4
Personality Development and Communication Skills	I	3	1	0	4
Higher Education	**II**	3	1	0	**4**
Peace Education	**II**	3	1	0	**4**
Life Long Education	**II**	3	1	0	**4**

Name of the Department: Environmental Science
Course: M.Sc.,
Course coordinator:Dr.A.G.Devi Prasad
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Environmental Chemistry	HC	2	1	1	4
2	Earth & Environment	HC	2	1	1	4
3	Environmental Microbiology	HC	2	1	1	4
4 & 5	**Any two papers:** 1. Energy and Green Technologies 2. Water and Waste Water Management 3. Environmental Biotechnology	SC-1	2	1	1	4
		SC-2	2	1	1	4
		SC-3	2	1	1	4
Semester: I I						
1	Environmental Toxicology	HC	2	1	1	4
2	Occupational Health Hazards	HC	2	1	1	4
3	Climate change & Current issues	HC	3	1	0	4
4	Air and Noise Pollution OR	SC	2	1	1	4
	Radiation Pollution, GIS & Remote Sensing	SC	2	1	1	4
5	Open Elective*	OE	3	1	0	4
Semester: III						
1	Environmental Biology	HC	2	1	1	4
2	Solid Waste Management	HC	2	1	1	4
3	Environmental Laws, Policy & Planning	HC	3	1	0	4
4	Advanced Instrumentation OR	SC	2	1	1	4
	Envirnmental Impact Assessment and Environmental Audit	SC	3	1	0	4
5	**Open Elective***	OE	3	1	0	4
Semester: IV						
1	Conservation of Biodiversity	HC	2	1	1	4
2	Major Project work	HC	0	2	6	8
3	Environmental Education & Awareness **OR** Environmental Disaster	SC	3	1	0	4
	Management	SC	3	1	0	4
4	**Open Elective***	OE	3	1	0	4

Open Elective Papers*

Paper Code	Title of the Course	Type	L	T	P	Credit
	Environment and Health	OE	3	1	0	4
	Ecotourism and Wild Life Management	OE	3	1	0	4
	Environmental Pollution and Management	OE	3	1	0	4
	Environmental Planning & Sustainable development	OE	3	1	0	4
	Nuclear & Bio Medical Waste Management	OE	3	1	0	4
	Ecology & Environment	OE	3	1	0	4

* Courses will be obbered in II, III & IV Semester as will be decided in department council.

Name of the Department: FOOD SCIENCE AND NUTRITION
Course: M.Sc.,
Course coordinator:Dr.Khyrunnisa Begum.
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Food Science and Food Processing- I	HC	2	1	2	5
2	Nutritional Biochemistry	HC	2	1	2	5
3	Human Nutrition – I	HC	2	1	0	3
4	Community Nutrition	SC	2	1	0	3
	To choose 4 out of 8 credits					
5	Research Methods	HC	2	-	-	2
6	Food Hygiene and Sanitation	SC	2	-	-	2
7	Food Microbiology	SC	2	-	-	2
8	Assessment of Nutritional status	SC	2	-	-	2
II Semester						
1	Food Science and Food Processing - II	HC	2	1	2	5
2	Human Nutrition – II	HC	2	1	2	5
3	Food Laws and safety	HC	2	1	-	3
4	Seminar	HC	-	1	-	1
	To choose 4 out of 10 credits					
5	Term work in Nutritional assessment	SC	-	2	-	2
6	Food packaging technology	SC	2	-	-	2
7	Neutraceuticals and health foods	SC	2	-	-	2
8	Enzymes in food processing(self study)	SC	-	2	-	2
9	Food fortification (self study)	SC	-	2	-	2
III Semester						
1	Food Preservation	HC	2	1	2	5
2	Functional properties of foods	HC	2	3	0	5
	To choose 6 out of 14 credits					
3	Statistical Methods & Computer applications	SC	1	1	0	2
4	Entrepreneurship and Marketing	SC	2	0	0	2
5	Quality control in food industries	SC	2	0	0	2
6	Food Additives	SC	2	0	0	2
7	Principles of Clinical Nutrition	SC	2	2	0	4
8	Term paper	SC	0	2	0	2
IV Semester						
1	Production Development & sensory evaluation	HC	2	3	0	5
2	Advances in Nutritional Science	HC	2	1	0	3
3	Diet in diseases	SC	2	1	0	3
4	Project work	SC	0	6	0	6
5	Storage and handling of fresh produce(self study)	SC	0	3	0	3
6	Food Biotechnology(self study)	SC	0	3	0	3

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credit
1	Healthy Life style and Nutrition	II	2	0	0	2
2	Culinary Science – Priniciples and Techniques	III	2	2	0	4
3	Foods in Indian Tradition	IV	2	0	0	2

Name of the Department: Zoology
Course: M.Sc. Genetics
Course coordinator: Dr.B.V.Shyamala

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	Transmission genetics	HC	2	1	1	4
	Chromosome genetics	HC	2	1	1	4
	Cell Biology	HC	2	1	1	4
	Gene structure and function	HC	2	1	1	4
	Molecular Cytogenetics	SC	3	1	0	4
	Histology & Histopathology	SC	3	1	0	4
Any one of the two softcore courses can be opted by the M.Sc.Genetics students.						

Semester: II

	Genes and Development	HC	2	1	1	4
	Population genetics & Evolution	HC	2	1	1	4
	Minor project work	HC	0	1	3	4
	Gene Regulation	SC	3	1	0	4
	Ethology & Wild Life Biology	SC	3	1	0	4
		OE				

Semester: III

	Genetic Engineering	HC	2	1	1	4
	Molecular Cell Biology	HC	2	1	1	4
	Genome genetics	HC	2	1	1	4
	Immunology & Cancer genetics	SC	3	1	0	4
	Biodiversity	SC	3	1	0	4
		OE				
Any one of the two softcore courses can be opted by the M.Sc.Genetics students.						

Semester: IV

	Advanced human genetics	HC	2	1	1	4
	Major project	HC	0	2	6	8
	Medical & Environmental Implications of Developmental genetics	SC	3	1	0	4
	General and Molecular Endocrinology	SC	3	1	0	4
Any one of the two softcore courses can be opted by the M.Sc.Genetics students.						

OPEN ELECTIVES

Papers	Title of the Course	Semester	L	T	P	Credit
1	Basic Genetics	II	3	1	0	4
2	Drosophila Genetics	III	3	1	0	4
3	Applied genetics	IV	3	1	0	4

Name of the Department: GEOGRAPHY
Course: MSc
Course Coordinator: Dr.B.N.Shivalingappa

Semester: I

Paper Code	Title of the course	Type	L	T	P	Credit
	Geological Basis of Geomorphology	HC	2	1	0	3
	Applied Economic Geography	HC	2	1	0	3
	Techniques of Analysis in Physical Geography Part-I	HC	0	0	3	3
	Social Geography	SC	2	1	0	3
	Geography of Population Dynamics	SC	2	1	0	3
	Agricultural Geography	SC	2	1	0	3
	Resource Conservation & Management	SC	2	1	0	3
	Thematic Cartography	SC	2	1	0	3
	Fundamentals of Remote Sensing	SC	2	0	1	3
	GIS and Remote Sensing	OE	3	1	0	4
	Physical Basis of Geography	OE	3	1	0	4

Semester: II

Paper Code	Title of the course	Type	L	T	P	Credit
	Applied Climatology	HC	2	1	0	3
	Conceptual Development in Geography	HC	2	1	0	3
	Techniques of Analysis in Human Geography	HC	0	0	3	3
	Research Methods in Geography	SC	2	1	0	3
	Medical Geography	SC	2	1	0	3
	Tourism Geography	SC	2	1	0	3
	Urban Geography	SC	2	1	0	3
	Water Resources Management	SC	2	1	0	3
	Fundamentals of GIS	SC	2	0	1	3
	GIS and Remote Sensing	OE	3	1	0	4
	Physical basis of Geography	OE	3	1	0	4

Semester: III

Paper Code	Title of the course	Type	L	T	P	Credit
	Principles of Remote sensing or Remote Sensing Applications	HC	2	1	1	4
	Methods of Regional Analysis	HC	2	2	0	4
	Advanced Surveying and Photogrammetry	HC	0	0	3	3
	Transportation Geography	SC	2	1	0	3
	Monsoon Climatology with reference to India	SC	2	1	0	3
	Environmental Impact Assessment	SC	2	1	0	3
	Population, Resource and Development.	SC	2	1	0	3
	Fluvial Geomorphology	SC	2	1	0	3
	Introduction to Human Geography	OE	3	1	0	4

Semester: IV

Paper Code	Title of the course	Type	L	T	P	Credit
	Fundamentals of GIS or Spatial Analysis and modelling	HC	2	1	1	4
	Multivariate Statistics	HC	2	1	1	4
	Dissertation	HC	0	0	5	5
	Global Geo-politics	SC	1	1	0	2
	Geographical Perspectives of Globalization	SC	1	1	0	2
	Disaster Management	SC	1	1	0	2
	Regional Development Planning in India	SC	1	1	0	2
	Bio-Geography	SC	1	1	0	2
	Geography of India	OE	3	1	0	4
	Geography of Karnataka	OE	3	1	0	4

HC: Hard Core, SC: Soft Core, OE: Open Elective

FOR 2010-2011 BATCH

SEM	Hard Core Compulsory	ELECTIVES		Open Electives Offered	Total
		Offered	To be selected		
FIRST	9	18	9	8*	
SECOND	9	18	9	8	
THIRD	11	15	6	4	
FOURTH	13	10	2	8	
TOTAL	42	61	26	20	68

*FOR 2010-2011 BATCH (2011-12 ONWARDS THERE WILL BE NO OPEN ELECTIVES FOR FIRST SEMESTER)

Name of the Department: GEOGRAPHICAL INFORMATION SYSTEMS

FOR SUSTAINABLE DEVELOPMENT, Maharaja's College

Course: M.Sc. In GIS
Course coordinator: Dr.Ramu

I Semester (Credits: 24)

SL. No.	Code	Title of Course	Types HC/SC/ OE	L	T	P	Total
1	82207	Fundamentals of Geographical Information Systems and Global Positioning Systems	HC I	3	1	0	4
2	82208	Manual and Cyber Cartography	HC II	3	1	0	4
3	82209	Maps and Mapping Techniques	HC III	0	1	3	4
4	82210	Computer Applications in Geography	SC I	3	1	0	4
5	82211	Applied Geomorphology	SC II	3	1	0	4
6	82212	Land Use and Land Evaluation	SC III	3	1	0	4
Note: All three Hard Core Courses are compulsory. Among the Soft Core courses, students have the option to choose any two of the three Soft Core Courses.							

II Semester (Credits: 24)

SL. No.	Codes	Title of Course	Types HC/SC/ OE	L	T	P	Total
1	82221	Remote Sensing Analysis and Interpretation	HC IV	3	1	0	4
2	82222	Advance Remote Sensing Analysis	HC V	0	1	3	4
3	82223	Minor Research Project	HC VI	0	1	3	4
4	82224	Geography of Networks Analysis	SC IV	3	1	0	4
5	82225	Qualitative and Quantitative Research Methods	SC V	3	1	0	4
6	82226	Participatory Urban Planning and Development	SC VI	3	1	0	4
Note: All three hard cores are compulsory. Among the three soft cores, students have the option to choose any two. Minor research project (Hard Core VI) is compulsory, which is a student research project on a smaller, manageable problem, requiring a report of 50 pages including maps and diagrams and tables (20 pages) and text (30 pages).							

III Semester (Credits: 24)

SL. No.	Codes	Title of Course	Types HC/SC/ OE	L	T	P	Total
1	82241	Geographical Information Systems and Global Positioning Systems	HC VII	3	1	0	4
2	82242	Climate Change and Geo-Informatics	HC VIII	3	1	0	4
3	82243	Advanced GIS and GPS Applications	HC IX	0	1	3	4
4	82244	Natural Resources Management and Conservation	SC VII	3	1	0	4
5	82245	Developing Sustainability Research	SC VIII	3	1	0	4
6	82246	Environmental Impact Assessment	SC IX	3	1	0	4
Note: All three hard cores are compulsory. Among the three soft cores, students have the option to choose any two.							

IV Semester

SL. No.	Codes	Title of Course	Types HC/SC/OE	L	T	P	Total
				Number of Credits			
1		Compulsory for 8 weeks at an appropriate Government or private corporate institution	Internship HC X	0	1	3	4
2		Project work (one term Major Research)	Project HC XI	0	1	3	4

Internship and Projects are compulsory.

Note: All course works / programs are compulsory for M.Sc-GIS students.

- **Internships:** Are done in a Government, research and implementation institution and / or a Private, Corporate institution of repute with specialization on the technologies of Cartography, Remote Sensing, GIS and GPS, including Computer work in a prestigious lab. Internship must begin in the first week of February and continue till the end of March.

- **Project work:** This is a Major Project of 3 full months or about 12 weeks, on a larger, manageable program of research, requiring a report of 90 pages including maps and diagrams and tables (40 pages) and text (50 pages). Project work begins in the first week of April.

Seminars are a part of Internships and Project work in which seminars have specific purposes. Students make power point presentations on their chosen theme of research for project work, outlining the background, rationale and objectives of research, on their chosen Methodology and the rationale behind them and on their Draft Final report at the end of the 20th week of the semester (end of June) under the guidance and supervision of their tutors/advisors/guides.

Field work and **educational tours** are also compulsory for the students of First and Second Years and are conducted by the students with explicit guidance and supervision from the faculty members and guest lecturers. They are better performed before the beginning of the second and fourth semesters.

The students are very intensively engaged by the course works of Internship, Project work, seminars, field work and educational tours, with constant monitoring and evaluation of the work carried out by the teachers. Final seminar where the students make their presentations on their Final Project Report of their major research work will be jointly evaluated by two internal examiners / experts.

OPEN ELECTIVES

II & IV SEMESTER

Sl. No	Codes	Course Title	L	T	P	Total
			Number of Credits			
01	82227	Fundamentals of GIS	3	1	0	4
02		Ecotourism	3	1	0	4

III SEMESTER

Sl. No	Codes	Course Title	L	T	P	Total
			Number of Credits			
01	82247	Research Methodology for a Sustainable Development Expert	3	1	0	4

Name of the Department: Earth Science
Course: MSc in APPLIED GEOLOGY
Course coordinator: Prof.B.Basavalingu

FIRST SEMESTER

Code	Title of the Course	Type	L	T	P	Credits
	Crystallography and Mineralogy	HC	2	0	2	4
	Ore Geology	HC	3	0	1	4
	Remote Sensing and GIS	HC	2	0	2	4
	Nano Geosciences	SC	2	1	0	3
	Marine Geosciences	SC	2	1	0	3
	Geostatistics and Computer Applications	SC	1	0	2	3
	Environmental Geology	SC	2	1	0	3
*	Make up – Stratigraphy Palaeontology and Economic Geology	SC	2	0	0	2

SECOND SEMESTER

Code						Credits
	Advancded Petrology	HC	3	0	1	4
	Palaeontology	HC	2	0	2	4
	Sedimentology and Geomorphology	HC	2	1	1	4
	Field work and Technical Report	HC	0	0	2	2
	Crystal Growth and Gemology	SC	2	0	0	2
	Surveying	SC	0	0	2	2
	Micro Paleontology and Palynology	SC	1	1	0	2
	Engineering Geology	SC	2	0	0	2
*	Make up -2- Mineralogy, Petrology Structural Geology and Geodynamics	SC	2	0	0	2

THIRD SEMESTER

Code						Credits
	Stratigraphy of India	HC	4	0	0	4
	Applied Hydrogeology	HC	2	1	1	4
	Structural Geology and Geotectonics	HC	2	0	2	4
	MRI and Mineral Economics	SC	2	0	0	2
	Analytical techniques in Geology	SC	1	1	0	2
	Material Science and Nano Technology	SC	2	0	0	2
	Precambrian Geology and Crustal evolution	SC	1	1	0	2
	Elemental partitioning and Thermobarometry	SC	1	1	0	2
	Stratigraphy of India	HC	4	0	0	4
	Applied Hydrogeology	HC	2	1	1	4

FOURTH SEMESTER

Code		Type	L	T	P	Credits
	Geochemistry and Thermodynamics	HC	4	0	0	4
	Exploration Geology	HC	3	0	1	4
	Dissertation	HC	0	2	4	6
	Geophysics	SC	1	1	0	2
	Sequence Stratigraphy and Petroleum Geology	SC	1	1	0	2
	Quaternary Geology	SC	1	1	0	2
	Water resources and management	SC	2	0	0	2
	GIS applications	SC	1	1	0	2

	Geochemistry and Thermodynamics	HC	4	0	0	4

* = Compulsory soft core course for those who hven't studied Geology at B.Sc., level and those who studied geology at B.Sc., level cannot opt this paper.

OPEN ELECTIVE

Code		Semester	L	T	P	Credits
	Physical Geology	II	2	0	0	2
	Basics of Nano Technology	II	2	0	0	2
	Minerals and Rocks	II	2	0	0	2
	Applied Nanotechnology	III	2	0	0	2
	Geohazards and Mitigation Methods	III	2	0	0	2
	Historical Geology	III	2	0	0	2
	Mineral Resources of India	IV	2	0	0	2
	Gemology and Decorative stones	IV	1	1	0	2
	Ground water exploration	IV	2	0	0	2

Name of the Department: Earth Science
Course: MSc in GEOLOGY
Course coordinator: Prof.B.Basavalingu

FIRST SEMESTER

Code		Type	L	T	P	Credits
	Structural Geology and Geotectonics	HC	2	1	1	4
	Sedimentology and Geomorphology	HC	2	1	1	4
	Palaeontology	HC	2	1	1	4
	Nano Geosciences	SC	2	1	0	3
	Marine Geosciences	SC	2	1	0	3
	Geostatistics and Computer Applications	SC	1	0	2	3
	Environmental Geology	SC	2	1	0	3
	---- Nil ---	OE				

SECOND SEMESTER

Code						Credits
	Crystallography and Mineralogy	HC	2	0	2	4
	Ore Geology	HC	3	0	1	4
	Stratigraphy of India	HC	4	0	0	4
	Field work and Technical Report	HC	0	0	2	2
	Crystal Growth and Gemology	SC	2	0	0	2
	Surveying	SC	1	0	1	2
	Micro Paleontology and Palynology	SC	1	1	0	2
	Engineering Geology	SC	2	0	0	2

THIRD SEMESTER

Code						Credits
	Igneous and Metamorphic Petrology	HC	3	0	1	4
	Geochemistry and Thermodynamics	HC	4	0	0	4
	Exploration Geology	HC	3	0	1	4
	MRI and Mineral Economics	SC	2	0	0	2
	Analytical techniques in Geology	SC	1	1	0	2
	Material Science and Nano Technology	SC	2	0	0	2
	Precambrian Geology and Crustal evolution	SC	1	1	0	2
	Elemental partitioning and Thermobarometry	SC	1	1	0	2

FOURTH SEMESTER

Code		Type	L	T	P	Credits
	Hydrogeology	HC	2	0	2	4
	Remote Sensing and GIS	HC	2	1	1	4
	Dissertation & Viva	HC	0	0	6	6
	Geophysics	SC	1	1	0	2
	Sequence Stratigraphy and Petroleum Geology	SC	1	1	0	2
	Quaternary Geology	SC	2	0	0	2
	Water resources and management	SC	2	0	0	2
	GIS applications	SC	1	1	0	2

OPEN ELECTIVE

Code		Semester	L	T	P	Credits
	Physical Geology	II	2	0	0	2
	Basics of Nano Technology	II	2	0	0	2
	Minerals and Rocks	II	2	0	0	2

Applied Nanotechnology	III	2	0	0	2
Geohazards and Mitigation Methods	III	2	0	0	2
Historical Geology	III	2	0	0	2
Mineral Resources of India	IV	2	0	0	2
Gemology and Decorative stones	IV	1	1	0	2
Ground water exploration	IV	2	0	0	2

Name of the Department: Earth Science
Course: MSc in EARTH SCIENCE AND RESOURCE MANAGEMENT
Course coordinator: Prof.B.Basavalingu
FIRST SEMESTER

Code		Type	L	T	P	Credits
	Physical Geology	HC	3	1	0	4
	Mineral Kingdom	HC	3	0	1	4
	Stratigraphy of India	HC	4	0	0	4
	Nano Geosciences	SC	2	0	0	2
	Marine Geosciences	SC	1	1	0	2
	Geostatistics and Computer Applications	SC	1	0	1	2
	Environmental Geology	SC	2	0	0	2
*	Make up – Stratigraphy Palaeontology and Economic Geology	SC	2	0	0	2
	---- Nil ---	OE				

SECOND SEMESTER

Code		Type	L	T	P	Credits
	Mineral Resource	HC	3	0	1	4
	Applied Hydrogeology	HC	2	0	2	4
	Palaeontology	HC	2	1	1	4
	Field work and Technical Report	HC	0	0	2	2
	Crystal Growth and Gemology	SC	2	0	0	2
	Surveying	SC	1	0	1	2
	Micro Paleontology and Palynology	SC	1	1	0	2
	Engineering Geology	SC	2	0	0	2
*	Make up -2- Mineralogy, Petrology Structural Geology and Geodynamics	SC	2	0	0	2

THIRD SEMESTER

Code			L	T	P	Credits
	Rock Kingdom	HC	3	0	1	4
	Structural Geology	HC	2	1	1	4
	Geochemistry and Thermodynamics	HC	2	0	2	4
	MRI and Mineral Economics	SC	2	0	0	2
	Analytical techniques in Geology	SC	1	1	0	2
	Material Science and Nano Technology	SC	2	0	0	2
	Precambrian Geology and Crustal evolution	SC	1	1	0	2
	Elemental partitioning and Thermobarometry	SC	1	1	0	2

FOURTH SEMESTER

Code		Type	L	T	P	Credits
	Geo informatics	HC	4	0	0	4
	Exploration Geology	HC	3	0	1	4
	Dissertation	HC	0	0	6	6
	Geophysics	SC	1	1	0	2
	Sequence Stratigraphy and Petroleum Geology	SC	1	1	0	2
	Quaternary Geology	SC	1	1	0	2
	Water resources and management	SC	2	0	0	2
	GIS applications	SC	1	1	0	2

OPEN ELECTIVES

Code		Semester	L	T	P	Credits
	Physical Geology	II	2	0	0	2
	Basics of Nano Technology	II	2	0	0	2
	Minerals and Rocks	II	2	0	0	2
	Applied Nanotechnology	III	2	0	0	2
	Geohazards and Mitigation Methods	III	2	0	0	2
	Historical Geology	III	2	0	0	2
	Mineral Resources of India	IV	2	0	0	2
	Gemology and Decorative stones	IV	1	1	0	2
	Ground water exploration	IV	2	0	0	2

Name of the Department: HISTORY
Course: M.A. HISTORY
Course Coordinator: Prof.Sebastian Joseph.

Semester I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Ancient Indian Civilization Harappa Civilization to the Vardhanas Dynasty	HC	4	2	0	6
2	Ancient World Civilization (Greek, Roman, Egypt, Mesopotamian)	HC	4	2	0	6
	Soft Core Papers					
3	Society and Polity of Ancient North India	SC	2	1	0	3
	Economic History of Ancient North India up to 700 A.D.	SC	2	1	0	3
	Art and Architecture of Ancient India	SC	2	1	0	3
	History of Science and Technology in Ancient India	SC	2	1	0	3
	Intellectual History of Ancient India	SC	2	1	0	3
	Soft Core Papers					
4	The History of South India under Chalukyas of Badami, Pallavas of Kanchi, and Rashtrakutas	SC	2	1	0	3
	History of Sangam age, Cholas, Cheras and pandyas	SC	2	1	0	3
	History of Satavahanas, Kadambas of Banavasi and Gangas of Talakad	SC	2	1	0	3
	Economic History of South India	SC	2	1	0	3
	Development of Society and Polity of Ancient South India.	SC	2	1	0	3
	Soft Core Papers					
5	Sources of Ancient India History	SC	1	1	0	2
	Problems of Ancient Indian History	SC	1	1	0	2
	Readings in Ancient Indian History	SC	1	1	0	2
	Maritime History of Ancient India	SC	1	1	0	2

Semester II

Paper Code	Title of the Course	Type	L	T	P	Credit
1	History of Medieval India (700 to 1756 A.D) Hard Core Paper	HC	4	2	0	6
2	History of Medieval World (Arab, Persian, Europe) Hard Core Paper	HC	3	1	0	4
	Soft Core Papers					
3	Society and Polity of Medieval India	SC	2	1	0	3
	Economic History of Medieval North India	SC	2	1	0	3
	Art & Architecture of Medieval North India	SC	2	1	0	3
	Socio – Religious Movements in Medieval North India	SC	2	1	0	3
	Soft Core Papers					
4	History of Medieval South India : Hoysalas and Chalukyas of Kalyana	SC	2	1	0	3
	History of Vijayanagara Dynasty 1336 – 1646 A.D.	SC	2	1	0	3
	Socio-Religious Movements in Medieval South India	SC	2	1	0	3
	Art and Architecture of Medieval South India	SC	2	1	0	3
	Economic History of Medieval South India	SC	2	1	0	3
	Medieval Indian Historical Writings	SC	2	1	0	3
	Feudal State and Culture in Medieval South India (500-1761 A.D)	SC	2	1	0	3
	Maritime Trade of South India 1498 - 1857	SC	2	1	0	3
	OPEN ELECTIVE					
5	Problems of Medieval Indian History	OE	3	1	0	4

Semester III

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Historical Method(Hard Core)	HC	4	2	0	6
2	Problems of Modern Indian History(Hard Core)	HC	3	1	0	4
	SOFT CORE PAPERS					
3	Indian National Movement	SC	2	1	0	3

	Dalit Movement in Modern India	SC	2	1	0	3
	Constitutional History of Modern India 1773 - 1950	SC	2	1	0	3
	SOFT CORE PAPERS					
4	Intellectual History of Modern India	SC	2	1	0	3
	Thinkers of Modern India	SC	2	1	0	3
	Intellectual History of Modern Europe	SC	2	1	0	3
	History of Modern Europe (1871 – 1985)	SC	2	1	0	3
	History of United States of America (1765 – 1962)	SC	2	1	0	3
	History of Russia (1917 – 1992)	SC	2	1	0	3
	History of East Asia 1900 – 1976 (China & Japan)	SC	2	1	0	3
	History of South East Asia (1900 – 1980)	SC	2	1	0	3
	History of West Asia (1900 – 1980)	SC	2	1	0	3
	History of South Asia Excluding India (1947 – 1996)	SC	2	1	0	3
	OPEN ELECTIVE					
5	Colonialism and Nationalism in Modern India	OE	3	1	0	4

Semester IV

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Historiography (Hard Core Paper)	HC	4	2	0	6
2	History of Karnataka (1500 – 1799 A.D) (Hard Core Paper)	HC	3	1	0	4
	SOFT CORE PAPERS					
3	History of British Karnataka 1800 - 1947	SC	2	1	0	3
	History of Modern Mysore (1799 – 1947 A.D)	SC	2	1	0	3
	History of Hyderabad Karnataka (1800 – 1948 A.D)	SC	2	1	0	3
	History of Freedom Movement and Unification in Karnataka	SC	2	1	0	3
	Dalit Movements in Modern India.	SC	2	1	0	3
	SOFT CORE PAPERS		2	1	0	3
4	Social Movement in Modern India	SC	2	1	0	3
	Social Movement in Karnataka	SC	2	1	0	3
	Social Movement in Andhra	SC	2	1	0	3
	Social Movement in Tamilnadu	SC	2	1	0	3
	Social Movement in Kerala	SC	2	1	0	3
	Economic History of Modern India (1757 – 1947)	SC	2	1	0	3
	Peasant Movements in Modern India	SC	2	1	0	3
	Economic History of Modern Karnataka.	SC	2	1	0	3
	Science & Technology in Modern India.	SC	2	1	0	3
	Maritime History in Modern India	SC	2	1	0	3
	OPEN ELECTIVE					
5	Freedom Struggle in India 1885-1947	OE	3	1	0	4

Name of the Department: Human Development
Course: MSc
Course Coordinator: Dr.Komala M.

Semester: I

Paper	Title of the Course	Type	L	T	P	Credit
	Theories of Human Development and Behavior	HC	2	1	-	3
	Advanced Study in Human Development –Prenatal to Adolescence	HC	2	1	2	5
	Advanced Family Studies	HC	2	1	-	3
	Bio-Statistics And Computer Applications	HC	2	1	-	3
	Adolescence and Youth – Challenges and Guidance	SC	3	1	-	4
	Children with Developmental Challenges	SC	3	1	-	4
	Infant Development and Stimulation	SC	1	1	-	2
	Childhood Behavioral Problems	SC	1	1	-	2
Semester: II						
	Methods and Techniques of Assessment in Human Development	HC	2	1	2	5
	Advanced Study in Human Development - Adulthood	HC	2	1	1	4
	Women and Children in Difficult Circumstances	HC	2	1	-	3
	Scientific Writing	HC	-	1	-	1
	Seminar-Current Trends and Issues in Human Development	HC	-	1	-	1
	Curriculum for Early Years	SC	3	1	-	4
	Gerontology – Challenges and Care	SC	3	1	-	4
	Parent-Child Relationship	SC	1	1	-	2
	Mental Health of Children	SC	1	1	-	2
Semester: III						
	Organization and Administration of Early Childhood Educational Institutions	HC	2	1	2	5
	Monitoring and Evaluation of Child and Family Welfare Programme	HC	2	1	-	3
	Guidance and Counseling	HC	1	1	-	2
	Reproductive Health-Issues and Welfare Programmes	HC	1	1	-	2
	Internship in ECCE Institutions/ECSN Institutions / NGOs working for children and Women	SC	0	4	0	4
	Legislation and the Policy Issues in Family and Child Welfare	SC	3	1	-	4
Semester: IV						
	Children with Special Needs	HC	1	1	2	4
	Dissertation Work	HC	-	6	-	6
	Genetic Disorder and Counseling	SC	3	1	-	4
	Mental Health of Adolescents and Adults	SC	3	1	-	4
	Human Rights from Child and Woman's Perspective	SC	1	1	-	2
	Family Stress, Coping and adaptation	SC	1	1	-	2

OPEN ELECTIVES

Paper	Title of the Course	Semester	L	T	P	Credit
1	Early Childhood – Health, Nutrition and Education	II	3	1	-	4
2	Adolescence – Problems and Guidance	III	3	1	-	4
3	Parenting in Childhood Years	IV	3	1	-	4

Name of the Department: Jainology & Prakrit
Course: M.A
Course Coordinator: Dr.N.Suresh Kumar.

I Semster

Sl.no	Subject	Type	L	T	P	Credits
1	Doctrines of Jainism-I(Tattvartha Sutra 1-5 Chapters)	HC	3	1	0	4
2	Jaina Ethics-I (Shravkachara)	HC	3	1	0	4
3	Elements of Prakrit Grammar	HC	3	1	0	4
4	Study of Jaina Center: Shravanabelagola	HC	3	1	0	4
5	Life Sketch of: Tirthankara Rishbha **or** Thirthankara Mahaveera	SC	3	1	0	4

II Semster

Sl.no	Subject	Type	L	T	P	Credits
1	Doctrines of Jainism-II(Tattvartha Sutra 6-10 Chapters)	HC	3	1	0	4
2	Jaina Ethics-II(Muni-Achara)	HC	3	1	0	4
3	Prakrit Language and its classification	HC	3	1	0	4
4	Jaina and Other Darshanas **or** Study of Dasavaikalika Sutra	SC	3	1	0	4
5	Jainism in Karnataka	OE	2	0	0	2
6	Jainism in Tamilnadu	OE	2	0	0	2

III Semster

Sl.no	Subject	Type	L	T	P	Credits
1	Doctrines of Jainism – III: Dravyasamgraha	HC	3	1	0	4
2	History of Jainism	HC	3	1	0	4
3	Prakrit Canonical Literature	HC	3	1	0	4
4	Study of Anupreksha OR Study of Aradhana Smuccaya	SC	3	1	0	4
5	Ahimsa – Universal Practice	OE	2	0	0	2
6	Study of Ratnatrayas	OE	2	0	0	2

IV Semster

Sl.no	Subject	Type	L	T	P	Credits
1	Doctrines of Jainism – IV: Panchastikaya	HC	3	1	0	4
2	Prakrit Literature of Karnataka	HC	3	1	0	4
3	Dissertation	HC	1	3	0	4
4	Apabharamsha Language and Literature OR Narrative Literature of Prakrit	SC	3	1	0	4
5	Contribution of Jainism to Kannada Literature	OE	2	0	0	2
6	Contribution of Jainism to Sanskrit Literature	OE	2	0	0	2

Name of the Department: Law
Course: <u>LLM</u>
Course Coordinator: Dr.M.D.Krishna.
Semester: I

Sl No	Title of the course paper	Type	L	T	P	Credits
1	Jurisprudence-I (Compulsory Paper)	HC	3	1	-	4
2	Constitutional Law Theory & Principles of Constitutional Interpretation	SC	3	1	-	4
3	Comparative Constitutional Law-I (Constitutional of Govt.)	SC	3	1	-	4
4	General International Law	SC	3	1	-	4
5	International Relations and Law of Treaties	SC	3	1	-	4
6	World Trade Law	HC	3	1	-	4
7	Corporate, Finance and Investments Law	HC	3	1	-	4

Semester II

Sl No	Title of the course paper	Type	L	T	P	Credits
1	Research methodology (Compulsory Paper)	HC	3	1	-	4
2	Comparative Constitutional Law-II (Federalism)	SC	3	1	-	4
3	Indian Constitutional Law-I (other than part III, IV & IV A)	SC	3	1	-	4
4	International Economic Law and Law of the Sea	SC	3	1	-	4
5	International Organisation	SC	3	1	-	4
6	Human Resource Development	HC	3	1	-	4
7	Intellectual Property Rights-I (Copyrights and patents)	HC	3	1	-	4

Semester III

Sl No	Title of the course paper	Type	L	T	P	Credits
1	Jurisprudence-II(Compulsory Paper)	HC	3	1	-	4
2	Comparative Constitutional Law-III (Rights and Liberties)	SC	3	1	-	4
3	Indian Constitutional Law-II (other than part III, IV & IV A)	SC	3	1	-	4
4	Private International Law	SC	3	1	-	4
5	International Human Rights Law	SC	3	1	-	4
6	Intellectual Property Rights-II (Trade marks, Design etc.,)	HC	3	1	-	4

Semester IV

Sl No	Title of the course paper	Type	L	T	P	Credits
1	Environmental Law (Compulsory Paper)	HC	3	1	-	4
2	Law of writs & Service Matters	SC	3	1	-	4
3	Comparative Administrative Law	SC	3	1	-	4
4	International Humanitarian Law and Refugee Law	SC	3	1	-	4
5	Air & Space Law	SC	3	1	-	4
6	Dissertation	HC	0	1	3	4

OPEN ELECTIVES

Sl No	Title of the course paper	Semester	L	T	P	Credits
1	Intellectual Property Rights-I	II	3	1	0	4
2	Law on Human Rights & Duties	III	3	1	0	4
3	Intellectual Property Rights	IV	3	1	0	4

Name of the Department: Library and Information Science
Course: M.L.I.Sc.
Course Coordinator: Dr.Chandrashekar M.

<u>**First Semester**</u>

Sl. No.	Code	Title of the Paper	Credit Pattern in			Credit Value
			L	T	P	
Hard Core						
1		Library, Information and Society	3	1	0	4
2		Information Sources	3	1	0	4
3		Information Processing: Cataloguing-I	2	1	0	3
4		Information Processing: Classification-I	2	1	0	3
Soft Core						
1		Information Processing: Cataloguing - II	0	1	3	4
2		Information Processing: Classification - II	0	1	3	4
3		Personality Development & Communication Skills	1	1	0	2

<u>**Second Semester**</u>

Sl. No.	Code	Title of the Paper	Credit Pattern in			Credit Value
			L	T	P	
Hard Core						
1		Management of Libraries and Information Centers	3	1	0	4
2		Fundamentals of Information Technology	3	1	0	4
3		Information Processing: Cataloguing - III	0	1	2	3
4		Information Processing: Classification - III	0	1	2	3
Soft Core						
1		Public Libraries and Information Centers	3	1	0	4
2		Academic Libraries and Information Centers	3	1	0	4
3		Industrial Libraries and Information Centers	3	1	0	4
4		Bio-Medical Libraries and Information Centers	3	1	0	4
5		Corporate Libraries and Information Centers	3	1	0	4
Open Elective						
1		E-Publishing	3	1	0	4
2		Digital Information Management	3	1	0	4

Third Semester

Sl. No.	Code	Title of the Paper	Credit Pattern in			Credit Value
			L	T	P	
Hard Core						
1		Information Retrieval	3	1	0	4
2		Library Automation and Networks	3	1	0	4
3		Library Automation Software	0	1	3	4
Soft Core						
1		Marketing of Information Products and Services	3	1	0	4
2		Conservation and Preservation of Information Resources	3	1	0	4
3		Users and User Studies	3	1	0	4
Open Elective						
1		Web 2.0	3	1	0	4
2		Electronic Information Sources and Services	3	1	0	4

Fourth Semester

Sl. No.	Code	Title of the Paper	Credit Pattern in			Credit Value
			L	T	P	
Hard Core						
1		Information Systems and Services	3	1	0	4
2		Research Methodology	3	1	0	4
3		Digital Libraries and E-publishing	3	1	0	4
Soft Core						
1		Digital Library Software	0	1	3	4
2		Webometrics, Informetrics & Scientometrics	3	1	0	4
3		Project Work / Dissertation	0	0	0	4
Open Elective						
1		Scholarly Communication	3	1	0	4
2		Information Literacy	3	1	0	4
3		Content Management Systems	3	1	0	4

Note: Seminars, Case Study, Discussion and Round Tables etc., are all part of Tutorials

Name of the Department: Mathematics
Course: Mathematics
Course coordinator:Prof. D.D.Somashekar

Semester I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Algebra I	HC	3	1	0	4
2	Real Analysis I	HC	3	1	0	4
3	Real Analysis II	HC	3	1	0	4
4	Complex Analysis I	HC	3	1	0	4
5	Linear Algebra	SC	3	1	0	4
6	Combinatorics and Graph Theory	SC	3	1	0	4
7	Graph Theory	SC	3	1	0	4

Semester II

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Algebra II	HC	3	1	0	4
2	Real Analysis III	HC	3	1	0	4
3	Complex Analysis II	HC	3	1	0	4
4	Ordinary and Partial Differential Equations	SC	3	1	0	4
5	Representation Theory of Finite Groups	SC	3	1	0	4
Semester-III						
1	Elements of Functional Analysis	HC	3	1	0	4
2	Topology I	HC	3	1	0	4
3	Commutative Algebra	SC	3	1	0	4
4	Theory of Numbers	SC	3	1	0	4
5	Algebraic Number Theory	SC	3	1	0	4
6	Galois Theory	SC	3	1	0	4
Semester-IV						
1	Measure and Integration	HC	3	1	0	4
2	Topology II	HC	3	1	0	4
3	Differential Geometry	SC	3	1	0	4
4	Advanced Graph Theory	SC	3	1	0	4
5	Theory of Partitions	SC	3	1	0	4
6	Advanced Functional Analysis	SC	3	1	0	4

OPEN ELECTIVES

Semester	Title of the Paper	Semester	L	T	P	Credits
II	Discrete Mathematics	II	3	1	0	4
III	Differential equations and its applications	III	3	1	0	4
IV	Algorithms and computations	IV	3	1	0	4

Name of the Department : Microbiology
Course : M.Sc., Mcirobiology
Coordinator: Prof. V. Ravishankar Rai

Semester-I   **Credits: 20**

No	Paper Code	Title of the course paper	Type	L:T:P	Credits
1.	MB- 1.1	Virology and Bacteriology - Theory & Practical	HC	2:1:1	4
2	MB- 1.2	Mycology - Theory & Practical	HC	2:1:1	4
3	MB- 1.4	Microbial Genetics- Theory & Practical	HC	2:1:1	4
		Choose two among the three Soft Core			
5	SMB-1.1	Microbial Diversity- Theory & Practical	**SC**	2:1:1	4
6	SMB-1.2	Techniques in Microbiology Theory & Practical	SC	2:1:1	4
7	SMB-1.3	Applied Microbiology Theory & Practical	SC	2:1:1	4

Semester-II   **Credits: 20**

No	Paper Code	Title of the course paper	Type	L:T:P	Credits
	MB- 2.1	Microbial Physiology- Theory & Practical	HC	2:1:1	4
1.	MB- 2.2	Immunology- Theory & Practical	HC	2:1:1	4
		Choose two among the three Soft Core			
3	MB- 2.1	Food Microbiology– Theory & Practical	SC	2:1:1	4
4	SMB-2.2	Clinical Microbiology- Theory & Practical	**SC**	2:1:1	4
5	SMB-2.3	Fermentation Technology- Theory	SC	2:1:1	4

Semester-III   **Credits :20**

No	Paper Code	Title of the course paper	Type	L:T:P	Credits
1.	MB- 3.1	Medical microbiology - Theory & Practical	HC	2:1:1	4
2	MB- 3.2	Industrial Microbiology-Theory & Practical	HC	2:1:1	4
3	MB- 3.3	Agricultural Microbiology-Theory & Practical	HC	2:1:1	4
		Choose one among the three Soft Core			
4	SMB- 3.2	Environmental Microbiology - Theory & Practical	SC	2:1:1	4
	MB- 2.2	Soil Microbiology- Theory & Practical	HC	2:1:1	4
	SMB- 3.3	Aerobiology- Theory & Practical	SC	2:1:1	4

Semester-IV   **Credits :24**

No	Paper Code	Title of the course paper	Type	L:T:P	Credits
1.	MB- 4.1	Molecular Biology - Theory & Practical	HC	2:1:1	4
2	SMB- 4.1	Genetic Engineering- Theory & Practical	**SC**	2:1:1	4
		Choose one among the three Soft Core			
3	SMB- 4.2	Dairy Microbiology- Theory	SC	1:1	2
4	SMB- 4.3	Infectious Diseases and Awareness- Theory & Practical	SC	2:1:1	2
5	**PWMB-4.3**	Project Work		0:2:6	8

Grand Total Credits:84

OPEN ELECTIVE

No	Paper Code	Title of the course paper	Semester	L:T:P	Credits
	OMB-2.1	Microbial Techniques- Theory & Practical	II	2:1:1	4
	OMB-3.1	General Microbiology	III	2:1:1	4
	OMB4.1	Applied Microbiology Theory & Practical	IV	2:1:1	**4**

Name of the Department: WEST ASIAN STUDIES
Course: M.A
Course Coordinator:Sri.Gurusiddaiah. C.

Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
	History and Culture of West Asia (570-750 A.D)	HC	3	1	0	4
	The Physical Geography of West Asia	HC	3	1	0	4
	West Asian Society(Non-Arab Countries)	HC	3	1	0	4
	India and West Asia (up to 8th century)	SC	3	1	0	4
	West Asia and Europe in The 19th and 20th centuries	SC	3	1	0	4
	Elementary Arabic Language.	SC	3	1	0	4
	Elementary Persian Language.	SC	3	1	0	4

Semester: II

Paper Code	Title of the Course	Type	L	T	P	Credit
	History of Islamic Civilization-750-1250. A.D.	HC	3	1	0	4
	Socio-economic Geography of West Asia	HC	3	1	0	4
	West Asian society (Arab countries)	HC	3	1	0	4
	Communicative Language Arabic	SC	3	1	0	4
	Communicative Language Persian	SC	3	1	0	4
	Basic Persian Language	OE	3	1	0	4

Semester: III

Paper Code	Title of the Course	Type	L	T	P	Credit
	History of the Ottoman Empire (1258-1800.A.D)	HC	3	1	0	4
	Economic Development of West Asia-(Iran, Turkey- Israel)	HC	3	1	0	4
	History of Persia (Iran)from Safavid to Kajar Period	HC	3	1	0	4
	Arabic Language and Literature in Mediaeval Period	SC	3	1	0	4
	Persian Language and Literature in Mediaeval Period	SC	3	1	0	4
	Persian Language and Literature	OE	3	1	0	4

Semester: IV

Paper Code	Title of the Course	Type	L	T	P	Credit
	History of Turkey in 19th and 20th centuries	HC	3	1	0	4
	The Economic Development West Asia (Iraq, Saudi Arabia and Egypt)	HC	3	1	0	4
	Research Methodology in Area Studies	HC	3	1	0	4
	Arabic Language and Literature in Modern Period - I	SC	3	1	0	4
	Persian Language and Literature in Modern Period -I	SC	3	1	0	4
	Ideology and Conflict in West Asia	OE	3	1	0	4

Name of the Department: Philosophy

Course: M.A
 Course Coordinator: Dr.H.L.Chandrashekara

Semester I

Paper Code	Title of the Course	Type	L	T	P	Credit
1.1	Indian Philosophy from Vedas to Non vedic schools	HC	3	1	0	4
1.2	Western Philosophy – Pre-socratic to Socratic	HC	3	1	0	4
1.3	Western Logic – Traditional & Modern	HC	3	1	0	4
1.4	Philosophy of Religion – Evolutionary and Psychological	HC	3	1	0	4
1.5(A)	Philosophy of Values	SC	3	1	0	4
1.5(B)	Indian Ethics	SC	3	1	0	4
Semester: II						
2.1	Indian Philosophy from Nyaya to Purvamimamsa	HC	3	1	0	4
2.2	Western Philosophy – Medieval and Modern	HC	3	1	0	4
2.3	Theory of Knowledge - Western	HC	3	1	0	4
2.4	Problems of Philosophy of Religion	HC	3	1	0	4
2.5(A)	Problems of Aesthetics	SC	3	1	0	4
2.5(B)	Western Ethics	SC	3	1	0	4
2.6	Philosophy of Swamy Vivekananda	OE	3	1	0	4
Semester: III						
3.1	Advaita Vedanta	HC	3	1	0	4
3.2(A)	Contemporary Western Thought (from Hegel to John Dewey)	SC	3	1	0	4
3.2(B)	Philosophy of Yoga	SC	3	1	0	4
3.3	Contemporary Indian Thought(From Ramakrishna to Gandhi)	HC	3	1	0	4
3.4(A)	Social Philosophy	OE	3	1	0	4
3.4(B)	Fundamentals of Early Buddhism	OE	3	1	0	4
3.5(A)	Prescribed Text – Indian Swamy Vivekananda's Karma Yoga	SC	3	1	0	4
3.5(B)	Swamy Vivekananda's Bhaktiyoga	SC	3	1	0	4
Semester: IV						
4.1	Vishistadvaita and Dvaita	HC	3	1	0	4
4.2(A)	Contemporary Western Thought(from L.Morgan to whitehead)	SC	3	1	0	4
4.2(B)	Philosophy and Globalization	SC	3	1	0	4
4.3	Comtemporary Indian Thought (From Sri Aurobindo to M.Hiriyanna)	HC	3	1	0	4
4.4(A)	Political Philosophy	OE	3	1	0	4
4.4(B)	Fundamentals of Later Buddhism	OE	3	1	0	4
4.5(A)	Prescribed Text: Western: Descarte's Meditations	SC	3	1	0	4
4.5(B)	Dissertation	SC	3	1	0	4

Name of the Department: Physics,
Course: M.Sc.,
Course Coordinator: Prof.Sridhar M.A.

Semester: I

PaperCode	Title of the Course	Type	L	T	P	Credit
PHY-101	Classical Mechanics	HC	3	0	0	3
PHY-102	Mathematical Methods of Physics - 1	HC	3	0	0	3
PHY-103	Mathematical Methods of Physics -2	HC	3	0	0	3
PHY-104	Classical Electrodynamics, Plasma Physics and Optics	HC	3	0	0	3
PHY-105	Computer Lab	HC	0	0	2	2
PHY-106 / PHY-107	Optics Lab. OR Electronics Lab.	HC	0	0	4	4
Semester: II						
PHY-201	Continuum Mechanic and Relativity	HC	3	0	0	3
PHY-202	Thermal Physics	HC	3	0	0	3
PHY-203	Quantum Mechanics – 1	HC	3	0	0	3
PHY-204	Spectroscopy and Fourier Optics	HC	3	0	0	3
PHY-205	Computer Lab	HC	0	0	2	2
PHY-206/ PHY-207	Electronics Lab OR Optics Lab as applicable	HC	0	0	4	4
Semester: III						
PHY-301	Nuclear and Particle Physics	HC	2	0	0	2
PHY-302	Condensed Matter Physics -1	HC	2	0	0	2
PHY-311 / PHY-312	Nuclear and Particle Physics Lab / Condensed Matter Physics Lab	HC	0	0	4	4
Students are permitted to choose any one of the following (Special Subjects) and corresponding Practical Coupled to Special Subject.						
PHY-303	Nuclear Physics – I	SC	3	0	0	3
PHY-313	Nuclear Physics Lab –I	SC	0	0	2	2
PHY-304	Solid State Physics – I	SC	3	0	0	3
PHY-314	Solid State Physics Lab –I	SC	0	0	2	2
PHY-305	Theoretical Physics– I	SC	3	0	0	3
PHY-315	Theoretical Physics Lab –I	SC	0	0	2	2
Students are permitted to choose any one of the following. (Elective Subjects)						
PHY-306	Accelerator Physics	SC	3	0	0	3
PHY-307	Liquid Crystals	SC	3	0	0	3
PHY-308	Atmospheric Physics	SC	3	0	0	3
PHY-309	Numerical Methods	SC	3	0	0	3
PHY-310	Theoretical Physics– I	SC	3	0	0	3
Semester: IV						
PHY-407	**Quantum Mechanics - II**	HC	3	1	0	4
PHY-411 / PHY-412	Condensed Matter Physics Lab / Nuclear and Particle Physics Lab	HC	0	0	4	4
A student has to register for 8 credits in one particular discipline (comprising of two theory papers and one coupled practical paper) in confirmation with the corresponding soft core (Special subject) opted in third semester.						
PHY-401	Nuclear Physics- II	SC	3	0	0	3
PHY-402	Nuclear Physics- III	SC	3	0	0	3
PHY-421	Nuclear Physics Lab –II	SC	0	0	2	2
PHY-403	Solid State Physics- II	SC	3	0	0	3
PHY-404	Solid State Physics- III	SC	3	0	0	3
PHY-423	Solid State Physics Lab –II	SC	0	0	2	2
PHY-405	Theoretical Physics- II	SC	3	0	0	3
PHY-406	Theoretical Physics- III	SC	3	0	0	3
PHY-425	Theoretical Physics Lab –II	SC	0	0	2	2
Students are permitted to choose any one of the following for extra credit (Elective Subjects) not compulsory						
PHY-416	Nuclear Spectroscopy Methods	SC	3	0	0	3
PHY-417	Modern Optics	SC	3	0	0	3
PHY-418	Electronics	SC	3	0	0	3

| PHY-419 | Minor Project | SC | 3 | 0 | 0 | 3 |

OPEN ELECTIVE

PaperCode	Title of the Course	Semester	L	T	P	Credit
PHY-211	**Modern Physics**	**II**	3	1	0	4
PHY-320	**Energy Science**	**III**	3	1	0	4
PHY-415	Radiation Physics & Dosimetry	**IV**	3	1	0	4

Name of the Department: Polymer Science,P.G.Centre, Mandya
Course: M.Sc.,
Course Coordinator: Dr.R.L.Jagadish
I Semester

Paper Code	Type	Subject	L	T	P	Credits
	HC	Principles of Polymer Chemistry	2	0	2	4
	HC	Polymer Compounding	2	2	0	4
	HC	Polymeric materials	2	0	2	4
	SC	Physical chemistry of polymers	2	2	0	4
	SC	Inorganic & Natural Polymers	2	2	0	4
	SC	Advanced Spectroscopic methods	2	2	0	4

II Semester

	HC	Chemistry of High Polymers	2	0	2	4
	HC	Structure – Property relationship in polymers	2	2	0	4
	HC	Polymer Characterisation	2	2	0	4
	SC	Polymer Identification & Analysis	2	0	2	4
	SC	Polymer Physics & Rheology	2	2	0	4
	SC	Engineering Plastics	2	2	0	4
	SC	Term Work	0	1	3	4

OPEN ELECTIVES
(For Non-Polymer Students Only)

	OE	Fundamentals of Polymer Science	1	1	0	2
	OE	Biodegradable Polymers	1	1	0	2
	OE	Flocculants and Dispersants	1	1	0	2
	OE	Packaging Materials	1	1	0	2

III Semester

	HC	Polymer Testing	2	0	2	4
	HC	Specialty & Functional Polymers	2	2	0	4
	HC	Smart Polymeric Systems & Conducting Polymers	2	2	0	4
	SC	Polymer Blends & Composites	2	0	2	4
	SC	Nano Science	2	2	0	4
	SC	Adhesive materials	2	2	0	4

OPEN-ELECTIVES
(For Non-Polymer Students Only)

	OE	Introduction to Polymer Composites	1	1	0	2
	OE	Industrial Polymers	1	1	0	2
	OE	BASIC FIBRE SCIENCE	1	1	0	2
	OE	Rubber Science & Technology	1	1	0	2

IV Semester

	HC	Principles of Polymer Processing & Fibre Technology	2	2	0	4
	HC	Project Work	0	2	6	8
	SC	Polymer Membrane & Drug Delivery	2	2	0	4
	SC	Rubber Technology	2	2	0	4
	SC	Surface Coatings & Adhesion Technology	2	2	0	4

OPEN-ELECTIVES
(For Non-Polymer Students Only)

	OE	Basics of Polymer Processing	1	1	0	2
	OE	Latex and Foam Technology	1	1	0	2
	OE	Chemistry of Paints & Surface Coatings	1	1	0	2
	OE	Plastic Waste Management	1	1	0	2

Name of the Department: PSYCHOLOGY
Course:
Course coordinator:Dr.Jyoti S Madgaonkar
Semester: I

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Advanced Cognitive Psychology	HC	3	1	2	6
2	Test construction and standardization	HC	2	1	1	4
3	Basic genetics, Evolution and Behavior	HC	2	1	0	3
4	Childhood Psychopathology	SC	2	1	1	4
5	Psychological Assessment	SC	2	0	1	3
6	Organizational Behavior	SC	2	1	1	4
7	Human Resource Management	SC	2	0	1	3
1	Advanced Statistics	HC	2	1	1	4
2	Advanced Research Methodology	HC	2	1	1	4
3	Adult Psychopathology	SC	2	1	1	4
4	Clinical Assessment	SC	2	1	1	4
5	Human Behavior and Counseling at Work	SC	2	1	1	4
6	Human Resource Training and Development	SC	2	1	1	4
1	Learning Theories	HC	3	1	2	6
2	Perspectives in Personality	HC	2	1	1	4
3	Social Ecolution: Principles and Mechanism	SC	2	1	0	3
4	Scocial Evolution: Sociap species	SC	2	1	0	3
5	Psychotherapy	SC	3	0	0	3
6	Organizational Development	SC	3	0	0	3
7	Research preparation	SC	2	1	0	3
8	Discovering Personality	OE	3	1	0	4
1	Dissertation	HC	0	8	0	8
2	Field work	HC	0	4	0	4
3	Animal Behavior: Research Methodology	SC	0	4	0	4
4	Psychology: Indian perspectives	SC	3	0	1	4
5	Counseling Psychology	SC	3	1	0	4
6	Psychology in Indian Traditions	OE	3	1	0	4

Name of the Department:: SANSKRIT
Course: M.A
Course coordinator:Prof. M.R.Veerabhadraswamy

Semester	Title of the Course	Type	L	T	P	Credit
I	Sanskrit Poetry Text: *Kiratarjuniyam* (I & II Cantos)	HC	3	1	0	4
	Sanskrit Drama Text: *Uttararamacharitam*(I to III Acts)	HC	3	1	0	4
	Sanskrit Grammar Text :*Siddhanta Kaumudi* (Karaka Prakarana only)	HC	3	1	0	4
	Veda Text: *Vedic Reader for students* -- A.A.Macdonell (Selected 10 Hymns)OR *Rgvedasuktamanjari* By M.N.Joshi (Selected 10 hymns)	SC	3	1	0	4
	Upanishad & Gita Text: a. *Kathaka Upanishad* b.*Bhagavadgita (16 th & 17th Adhyayas)*	SC	3	1	0	4
II	Manuscriptology Text: *Essentials of Manuscriptology* Ed.Dr.Shivaganeshamurthy	HC	3	1	0	4
	Alankara Shastra - I Text:*Kavyamimamsa of Rajashekhara* (I-V Chapters)	HC	3	1	0	4
	Nyaya Darshana Text: *Nyaya Darshana with Vatsyayana bhashya* (I & II Adhyayas)	HC	3	1	0	4
	Sanskrit Prose Text: *Bana's Kadambari* (Selected Portions)	SC	3	1	0	4
	Sanskrit Poetry Text: Kumara Sambhavam(1 to 3 Sargas)	SC	3	1	0	4
III	History of Classical Sanskrit Literature *Ramayana, Mahabharata, Pancha – Mahakavyas and kinds of other Kavyas*	HC	3	1	0	4
	Sanskrit Grammar Text: *Siddhanta Kaumudi (Samasa prakarana)*	HC	3	1	0	4
	Darshana – I Text: *Sarvadarshana Sangraha of Sayanamadhava* (Selected portions)Charvaka & Sankhya	HC	3	1	0	4
	Alankara Shastra II Text: *Appayya Dikshita's Kuvalayananda* (1 to 32 Alankaras)	SC	3	1	0	4
	Alankara Shastra – II Text: Kavya Prakasha(Ullasa 1 & 2)	SC	3	1	0	4
IV	Smriti Literature Text: *Yajnavalkya Smriti*- Vyavahara Adhyaya (1 to 6 Prakaranas) (Selected Portions)	HC	3	1	0	4
	Arthashastra Text: *Arthashastra of Kautilyas* (Vinayadhikarana only)	HC	3	1	0	4
	Project Work	HC	3	1	0	4
	Sanskrit EtymologyText:*Yaska'sNirukta* (I to II Chapters only)	SC	3	1	0	4
	Darshana – II Text Sarvardarshana Sagraha of Sayana Madhava Jaina and Advaita Darshana	SC	3	1	0	4

OPEN ELECTIVES

Semester	Title of the Course	Type	L	T	P	Credit
II	Nitikathasahitya Text: *Mitralabha* (from Hitopadesha)	OE	3	1	0	4
	Arogyasubhashitani Text: *Arogyasubhashitani* Ed: Dr. M.N.Joshi	OE	3	1	0	4
	Grammar & Translation Text: *Sanskrit Translation Book I* by R.G.Bhandarkar	OE	3	1	0	4
III	Stotra-Kavyas Text: *Bhajagovindam of Shankara & Adityahrdaya*	OE	3	1	0	4
	Selections from Sanskrit Literature Text: *Samskritasahitya Vangmaya* by Dr. K.B.Archak	OE	3	1	0	4
	Samskritamahakavyam Text: *Raghuvamsha of Kalidasa (II Canto)*	OE	3	1	0	4
IV	Commerce and Trade in Sanskrit Ed.by Prof.K.B.Archak, Karnataka University, Dharwad	OE	3	1	0	4
	Samskruta Vangmaya Manjushaha	OE	3	1	0	4
	Prachina Bharateeya Bhautika Vijnana Vagmayaha	OE	3	1	0	4

Name of the Department: Sericulture & Seribiotechnology
Course: M.Sc.,
Course coordinator:Dr.D.Manjunath

Sl.No.	Course Code	Title of the Course	Type	Credit pattern (L:T:P)	Credit value
I Semester					
1	SERBT - 1.1	Mulberry Biology and Production	HC	3:0:1	4
2	SERBT - 1.2	Silkworm Biology and Egg Production	HC	3:0:1	4
3	SERBT - 1.3	Silkworm Physiology and Biochemistry	HC	3:0:1	4
4	SERBT - 1.4	Silkworm Rearing Technology	HC	3:0:1	4
5	SERBT - 1.5	Science of Sericulture	SC	3:1:0	4
6	SERBT - 1.6	Computer Application and Biostatistics	SC	3:1:0	4
II Semester					
1	SERBT - 2.1	Silkworm Genetics and Breeding	HC	3:0:1	4
2	SERBT - 2.2	Mulberry and Silkworm Crop Protection	HC	3:0:1	4
3	SERBT - 2.3	Term Work (Minor Project)	HC	0:1:3	4
4	SERBT - 2.4	Molecular Biology and Immunology	SC	3:1:0	4
5	SERBT - 2.5	Cell Biology and Genetics	SC	3:1:0	4
III Semester					
1	SERBT – 3.1	Mulberry Physiology, Cytogenetics and Breeding	HC	3:0:1	4
2	SERBT – 3.2	Proteomics, Genomics and Bioinformatics	HC	3:0:1	4
3	SERBT – 3.3	Silk Technology, Sericulture Extension and Economics	HC	3:0:1	4
4	SERBT – 3.4	Entrepreneurship Development in Sericulture	SC	3:1:0	4
5	SERBT – 3.5	Applied Entomology	SC	3:1:0	4
IV Semester					
1	SERBT - 4.1	Mulberry and Silkworm Biotechnology	HC	3:0:1	4
2	SERBT - 4.2	Project Work	HC	0:2:6	8
3	SERBT - 4.3	Textile Technology	SC	3:1:0	4
4	SERBT - 4.4	Vanya Sericulture	SC	3:1:0	4
OPEN ELECTIVEs					
II SEM	SERBT - 2.6	Mulberry Biology, Production and Protection	OE	3:1:0	4
III SEM	SERBT - 3.6	Silkworm Biology, Cocoon Production and Protection	OE	3:1:0	4
IV SEM	SERBT - 4.5	Silk Technology and Entrepreneurship Development	OE	3:1:0	4

Note:
  1. L = Lecture (1 Credit = 1 hr.); T = Tutorial (1 Credit = 2 hrs.); P = Practical (1 Credit = 2 hrs.).
  2. A duration of two hours per week for each hard core courses is allocated towards Field Work in addition to the credits assigned.

Compulsory additional papers for non BSW students

Sl No.	Code No.	Paper title	L	T	P	Credits
1	NSW-1	Social Science Perspectives for Social Work Practice.	-	-	-	-
2	NSW-2	Term Project	-	-	-	-

1. A bridge course would be conducted for a period of 5 days covering the required course input. There are no credits allotted to this course and no written examination too. However, attendance of 75% is compulsory.

2. Paper code: NSW2 :Term project:
   The term project is a team-exercise consisting 3 to 5 students. The team is expected to select a theme relevant to current social issues in consultation with the supervisor and make an exhaustive survey of literature on the chosen theme including empirical studies made on the same.

   Further, the group shall also collect the experiences or opinions of people on the issues and make a detailed presentation.

   Flexibility is accorded in planning and executing the term project. Creative and analytical approaches are to be carried out under the direct supervision of a faculty supervisor.

   The report of the term project has to be submitted before the end of theory examination of that semester to the Department of Social Work, University of Mysore, Mysore through the supervisor and Chairman/Principal of the college.

   The term project is offered only for the non-BSW students. However, students with BSW background are also encouraged to opt for the term project, as an innovative approach in social work, is they desire so.

Core papers for odd Semesters - Honor's level

Sl No.	Code No.	Paper title	L	T	P	Credits
1	SWHC-1	Social Work – History and Ideologies	2	1	0	3
2	SWHC-2	Work with Individuals and Families	2	1	0	3
3	SWHC-3	Work with Groups	2	1	0	3
4	SWHC-4	Work with Communities	2	1	0	3
5	SWHC-5	Human Growth and Development	2	1	0	3
6	SWHC-6	Social Work Practicum – I	0	1	2	3
Total Credits						18

MSW-II Semester

Core papers for even semesters - Honor's level

Sl No	Code No.	Paper title	L	T	P	Credits
1	SWHC-7	Management of Developmental and Welfare Services	2	1	0	3
2	SWHC-8	Social Work Research and Statistics	2	1	0	3
3	SWHC-9	Social Work Practicum – II (Social Work Camp and Summer Placement)	0	0	3	3
4	SWHC-10	Social Work Practicum - III	0	1	2	3
5	SWSC-1	Communication and Counseling / or Gandhian Approach to Welfare and Development	2	1	0	3
6	SWSC-2	Personal and Professional Growth / or Population and Environment	2	1	0	3
		Total				18

7	SW0E -1	Social Work Practice with Children / or Science of Crime, Penology and Social Work Practice	3	1	0	4

MSW-III Semester

(Odd semester) Masters level

Sl No.	Code No.	Paper title	L	T	P	Credits
1	SWHC - 11	Human Resource Management	2	1	0	3
2	SWHC – 12	Social Work Practicum - IV	0	1	2	3
3	SWSC - 3	Social Work with Tribal and Rural Communities/ or Organisational Behavior and Organisational Development	2	1	0	3
4	SWSC – 4	Preventive and Social Medicine and Medical Social Work/ or Rehabilitation and Aftercare Services	2	1	0	3
5	SWSC - 5	Social Policy, Planning and Development / or Legal System In India	2	0	0	2
		Total Credits				14

6	SWOE-2	Gerentological Social Work /or Management of Non-Governmental Organizations	3	1	0	4

MSW-IV Semester

Master's level - even Semester

Sl No.	Code No.	Paper title	L	T	P	Credits
1	SWHC – 13	Employee Relations and Legislation	2	1	0	3
2	SWHC – 14	Mental Health and Psychiatric Social Work	2	1	0	3

3	SWHC – 15	Major Project	0	0	4	4
4	SWHC – 16	Social Work Practicum – V	0	1	2	3
5	SWHC – 17	Social Work Practicum – VI (Block Placement)	0	0	3	3
6	SWSC - 6	Human Resource Development and Employee Wellness / or Case studies	2	0	0	2
Total Credits						18
7	SWOE-3	Disaster Management / or Correctional Administration and Services	3	1	0	4

OPEN ELECTIVES

MSW II SEM	SWOE-1	Social work Practice with Children / or Science of Crime, Penology and Social Work Practice	3	1	0	4
MSW III SEM	SWOE-2	Gerentological Social Work / or Management of Non-Governmental Organisations	3	1	0	4
MSW IV SEM	SWOE-3	Disaster Management / or Correctional Administration and Services	3	1	0	4

Name of the Department: Statistics
Course: M.Sc.,
Course Coordinator: Dr.G.Divanji

Semester:I

Sl. No.	Title of course	Type	Number of credits (L+T+P=T)
1	I. Real Analysis	HC	4+0+0 = 4
2	II. Linear Algebra	HC	4+0+0 = 4
3	III. Probability Theory and Distributions–I	HC	4+0+0= 4
4	IV. Practicals	HC	0+0+4= 4
5	V. Statistical Computing	SC	3+0+1 = 4
6	XI Project Work	SC	0+0+4 = 4
Semester - II			
7	VI. Sample Surveys and Statistics for National Development	SC	3+0+1 = 4
8	XXIII- Biostatistics	SC	3+0+1 =4
9	VII. Probability Theory and Distributions - II	HC	4+0+0 = 4
10	VIII. Inference - I	HC	4+0+0 =4
11	IX. Linear Models and Regression Analysis	HC	4+0+0 = 4
12	X. Practical	HC	0+0+4 = 4
Semester - III			
14	XII. Inference - II	HC	4+0+0 = 4
15	XII. Design and Analysis of Experiments	HC	4+0+0 = 4
16	XV. Practical	HC	0+0+4 = 4
17	XXII. Time Series Analysis	SC	3+0+1 = 4
18	XXVI. Survival Analysis	SC	3+0+1= 4
19	XXIX – Statistical Meth. & Applns.	OE	4+0+0 =4
Semester - IV			
21	XX. Stochastic Processes	HC	4+0+0= 4
22	XIV. Multivariate Analysis	HC	4+0+0 = 4
23	XVI. Reliability Analysis OR	SC	3+0+1= 4
	XVII – Nonparam. &	SC	3+0+1 =4
	Semipar.Methods OR		
	XXVII- Computational Statistics	SC	2+0+2 =4
24	XXVIII Project Work	SC	0+0+4 = 4

OPEN ELECTIVES

Sl. No.	Title of course	Semester	Number of credits (L+T+P=T)
1	XXX- Probability Tehory & Math.Stat	II	4+0+0 =4
2	An Introduction to Statistics R	III	2+0+2 =4

Name of the Department: <u>Sugar Technology, P.G.Centre, Mandya</u>
Course: M.Sc.,
Course coordinator: Prof.S.Chandraju

<div align="center">I-SEMESTER</div>

Paper Code	Title of the Course	Type	L	T	P	Credit
1	Manufacture-I	HC	4	0	0	4
2	Chemistry	HC	4	0	0	4
3	Chemical Control	HC	3	0	0	3
4	Sugarcane Agriculture	SC	2	0	0	2
5	Sugar & Allied Industrial Pollution	SC	3	1	0	4
6	Chemistry Practical	HC	0	0	2	2
7	Sugar Technology Practical -I	HC	0	0	2	2

<div align="center">II SEMESTER</div>

1	Manufacture-II	HC	3	1	0	4
2	Chemical Engineering -I	HC	3	1	0	4
3	Sugar Engineering	SC	3	1	0	4
4	Sugar Chemistry	SC	3	1	0	4
5	Sugar Chemistry Practical	HC	0	0	2	2
6	Sugar Technology Practical -II	HC	0	0	2	2

<div align="center">III SEMESTER</div>

1	Manufacture-Ill	HC	3	1	0	4
2	Equipment Capacity	HC	3	1	0	4
3	Chemical Engineering-II	SC	3	1	0	4
4	Industrial Management	SC	3	1	0	4
5	Equipment Design & Drawing	HC	0	2	2	4

<div align="center">IV SEMESTER</div>

1	Manufacture - IV	HC	3	1	0	4
2	Allied Sugar Manufacture & Co-products	HC	3	1	0	4
3	Chemical Engineering III	SC	3	1	0	4
4	Statistical Quality Control	SC	3	1	0	4
5	Dissertation	HC	0	2	2	4

<div align="center">OPEN ELECTIVES</div>

Paper Code	Title of the Course	Semester	L	T	P	Credit
1	General Aspects of Sugar Manufacturing	II	3	1	0	4
2	General Aspects of Sugarcane Agriculture	III	3	1	0	4
3	Industrial Biochemistry	IV	3	1	0	4

Name of the Department: WOMEN STUDIES
Course: M.A. WOMEN STUDIES
Course coordinator: Prof. S.M.Mangala

I SEMESTER

Paper Code	Title of the course	Type	L	T	P	Credits
	Fundamentals of Women's Studies	HC	3	1	0	4
	Gender, society and culture	HC	3	1	0	4
	Feminist analysis of Development Process	HC	3	1	0	4
	Gender and Education	SC	3	1	0	4
	Women and Rural Development	SC	3	1	0	4
	Women and Work	SC	3	1	0	4

Note: Out of the three Softcore courses offered the student has to select one course during the first semester

II SEMESTER

Paper Code	Title of the course	HC/SC/OE/Pr	L	T	P	Credits
	Feminism and Feminist Theories in Women's Std.	HC	3	1	0	4
	Feminist Research Methodology	HC	3	1	0	4
	Women and Empowerment	SC	3	1	0	4
	Women and Media	SC	3	1	0	4
	Women and Technology	SC	3	1	0	4

Note: Out of the three Softcore courses offered the student has to select two courses during the second semester

III SEMESTER

Sl.No.	Title of the course	HC/SC/OE/Pr	L	T	P	Credits
1	Women's Movements	HC	3	1	0	4
2	Women Politics	HC	3	1	0	4
3	Feminist Jurisprudence	HC	3	1	0	4
4	Women Entrepreneurship	SC	3	1	0	4
5	Eco Feminism	SC	3	1	0	4

Note: Out of the two Softcore courses offered the student has to select one course during the third semester

IV SEMESTER

Sl.No.	Title of the course	HC/SC/OE/Pr	L	T	P	Credits
1	Feminist Approach to Psychology	HC	2	2	0	4
2	Guidance and Counseling for women	HC	2		2	4
3	Women's Health and Nutrition	SC	3	1	0	4
4	Women and Governance	SC	3	1	0	4
5	Project Work	Pr.		2	6	8

Note: Out of the two Softcore courses offered the student has to select one course during the fourth semester

OPEN ELECTIVE

	Title of the Course	Semester	L	T	P	Credits
1	Introduction to Women's Studies	II	3	1	0	4
2	Gender and Development	III	3	1	0	4
3	Feminist Perspectives in Management	IV	3	1	0	4

Name of the Department: Zoology
Course: M.Sc., Zoology
Course coordinator: Prof. S.R.Ramesh

M.Sc. ZOOLOGY (2011 Admission)

Sl No.	Paper Code	Title	Type of course	L	T	P	Total Credits
I SEMESTER							
1	84606	Non-Chordata	HC	2	1	1	04
2	84607	Genetics & Cytogenetics	HC	2	1	1	04
3	84608	Biological Chemistry	HC	2	1	1	04
4	84609	Animal Physiology	HC	2	0	2	04
5	84611	Developmental Biology	SC	3	1	0	04
		Histology & Histopathology	SC	3	1	0	04
		Molecular Cytogenetics (Genetics Section)	SC	3	1	0	04
		Any one of the soft core papers may be opted.					**20**
II Semester							
1		Chordata	HC	2	1	1	04
2		Reproductive Biology	HC	2	1	1	04
3		Minor Project	HC	0	1	3	04
4		Evolutionary Biology	SC	3	1	0	04
		Ethology and Wild life Biology	SC	3	1	0	04
		Gene Regulation(Genetics Section)	SC	3	1	0	04
5		Open Elective	OE	3	1	0	04
		Any one of the soft core papers may be opted.					**20**
III Semester (2012-'13)							
1		Molecular Biology	HC	2	0	2	04
2		Applied Zoology *	HC	2	1	1	04
3		Biodiversity	SC	3	1	0	04
		ADVANCED CELL BIOLOGY	SC	3	1	0	04
			SC	3	1	0	04
		Advanced Genetics					
4		OPEN ELECTIVE	OE	3	1	0	04
		Any one of the soft core papers may be opted.					**16**
		* Field visits are included in this paper.					
IV Semester (2012-'13)							
1		ENVIRONMENTAL BIOLOGY *	HC	2	0	2	04
2		GENERAL AND MOLECULAR ENDOCRINOLOGY	SC	3	1	0	04
			SC	3	1	0	04
		Medical and Environmental Impact of developmental Genetics (Genetics section) Genetic Engineering and Biotechnology.	SC	3	1	0	04
3		PROJECT WORK	HC	0	2	6	08
4		OPEN ELECTIVE	OE	3	1	0	04
		* Field visits are included in this paper					**20**
		Total Credits –M.Sc					**76**

Open Electives

II Semester	-	Principles of Animal Sciences
III Semester	-	Reproductive Health
IV Semester	-	Vectors and Communicable diseases

Total Credits for Hard Core - 48   Total Credits for Soft Core - 16 (4 from each semester)
Total Credits for Open Elective -12 (4 from each II, III and IV semester)

M.Sc. ZOOLOGY (2010 Admission).

Sl No	Paper Code	Title	Type of course	L	T	P	Total Credits
		I Semester					
1		Non-Chordata	HC	2	0	2	04
2		Genetics & Cytogenetics	HC	2	0	2	04
3		Biological Chemistry	HC	2	0	2	04
4		Open Elective	OE	3	1	0	04
5		Open Elective	OE	3	1	0	04
							20
		II Semester					
1		Chordata	HC	2	1	1	04
2		Animal Physiology	HC	2	0	2	04
3		Applied Zoology	HC	2	1	1	04
4		Molecular Biology	HC	2	0	2	04
5		Minor project	HC	0	1	3	04
							20
		III Semester (revised)					
1	84641	Evolutionary Biology	HC	3	1	0	04
2	84624	Advanced Genetics	SC	3	1	0	04
	84643	Reproductive Biology	SC	3	1	0	04
	82145	Ethology and Wild life biology	SC	3	1	0	04
		Developmental Biology	SC	3	1	0	04
3		Open Elective	OE	3	1	0	04
		Any two of the Soft Core papers may be opted.					**16**
		IV Semester (revised)					
1		Environmental Biology	HC	2	0	2	04
		Advanced Cell Biology	SC	3	1	0	04
2		General and Molecular Endocrinology	SC	3	1	0	04
		Genetic Engineering and Biotechnology	SC	3	1	0	04
		Medical and Environmental implications of Developmental Genetics (From Genetics)	SC	3	1	0	04
3		Project Work	HC	0	2	6	08
4		Open Elective	OE	3	1	0	04
		Any two Soft Core papers may be opted.					**20**
				Total Credits M.Sc.,			**76**

Open Electives

I Semester	-	Principles of Animal Sciences
		Animal World
III Semester	-	Principles of Animal Sciences
IV Semester	-	Vectors and Communicable diseases

Total Credits for Hard Core - 48   Total Credits for Soft Core - 16.

Total Credits for Open Elective - 12 (4 each from II, III and IV semester)

Name of the Department : Kuvempu Institute of Kannada Studies
Course : **FOLKLORE**

Course Coordinator: Dr.M.Nanjaiah

HONOR'S / M. A. FOLKLORE (I & II SEMESTER)

Paper Code	Title of the Paper	Type	Lecture	Totorial	Practical	Credit
FIRST SEMESTER						
1	Perspectives of Folklore	HC	3	1	-	04
2	Folk Literature (Genres)	HC	3	1	-	04
3	Folklore & Communication	HC	3	1	-	04
	SOFT CORE(ANY TWO)					
4	A) Folk Rituals	SC	3	1	-	04
	B) Regional Folklore of Karnataka	SC	3	1	-	04
	C) Folklore Studies in South India	SC	3	1	-	04
	D) Oral History	SC	3	1	-	04
SECOND SEMESTER						
1	Folklore Theories - I	HC	3	1	-	04
2	Folk Speech	HC	3	1	-	04
3	Karnataka Folkarts: Theory And Practice	HC	2	1	1	04
	SOFT CORE(ANY ONE)					
4	A) The Study of Indian Folklore	SC	3	1	-	04
	B) Rural Folk And Rural Economy	SC	3	1	-	04

M. A. FOLKLORE (III & IV SEMESTER)

Paper Code	Title of the Paper	TYPE	Lecture	Totorial	Practical	Credit
1	Folk Theories-II	HC	3	1	-	04
2	Folklore Research Methodology	HC	3	1	-	04
3	Folklore in the Changing Worlk	HC	3	1	-	04
	SOFT CORE(ANY ONE)					
4	A) Karnataka Folk Theatre	SC	3	1	-	04

	B) Gender And Folklore	SC	3	1	-	04
FOURTH SEMESTER						
1	Folk Technology	HC	3	1	-	04
2	Applied Folklore	HC	3	1	-	04
3	Minor Project	HC	1	0	3	04
	SOFT CORE (ANY ONE)					
4	A) Folklore Archives Museum	SC	3	1	-	04
	B) Tribalore of South India	SC	3	1	-	04
Semester	**OPEN ELECTIVE**					
II	Folk Culture : An Introduction	OE	3	1	-	04
III	Folklore: An introduction	OE	3	1	-	04
IV	Karnataka Folk Culture: and Introduction	OE	3	1	-	04

ªÆzÞ£Àiì ªÙ¸ÕÐ JA.J.
ªÆzÞ£Àiì ¸£Â¸Ðï

Course Coordinator:Prof H.Krishmanurthy.

¥ÌÄ¹Í¼ ¸ASÉ	¥ÌÄ¹Í 2Ã¶õÐÉ	° AqïõÞ£Àgï ¸Á¥1ÞP£Àgï/LaPÍ ¥ÄiÎ£ÀVPÍEvÁà¢ *	Pﬀﬁmï			Pﬀﬁmï UÌ¼À ¸ASÉ
			G¥Í£Àã¸Í	I ÀÎ¹Í£Àj AiÎ¯ï	¥ÄiÎ£ÀVPÍ	
1	¥ÁæaÃ£À PÍ£Rqì ¸Á»vì : ¥Þ¹Í	HC	03	02	0	04
2	¥ÁæaÃ£À PÍ£Rqì ¸Á»v¹Í »£ß¯É	HC	02	02	0	04
3	PÍ£Rqì bÍÁzÍ¹Í£À CzÎ¹Íä£À	HC	03	02	0	04
4	PÍ£Rqì «ªÍ±Ð ¥Þ¹Í	HC	02	02	0	04
5	G¥Í¹Í¼z¹Í£À : (SOFT CORE) «¨ÁUÍ¼zì «zÁæyõUÍ¼UÊ ªÍÁve: Aiì¹ÁªÍzÁzÍ¹Í¼E MAzì «µÍ¹Íiìª£Ì¯ Dj ¹PÍ£Àqì ªÌ¹ÍA¢£ì ªÍ¦gì ZÌ¹Í¹ÍÁð¸ÍUÍ¼UÍ¼E CzÃ «µÍ¹Íiìª£Ì¯ ªÌ¹ÍAzì ªj ¸ÍvÞÍzÌ					
5.1	¨ÁµÍ«eÁ£À CzÎ¹Íä£À: ¨ÁµÍ«eÁ£Ìz£À ªÍÆ®vÍÞÍÐUÍ¼À	SC	03	02	0	04
5.2	eÁ£À¥Íz£À CzÎ¹Íä£À: d£À¥Íz£À ¸Á»vì¹Í vÁwPì CzÎ¹Íä£À	SC	03	02	0	04
5.3	«ªÍ±ÐAiì CzÎ¹Íä£À: ¥Á±ÁñÍve «ªÍ±ÐAiì ªÍÆ®vÍ¼ÐUÍ¼À	SC	03	02	0	04
5.4	zÁ滹Rqì ¸Á»vì CzÎ¹Íä£À: vk¹Ã¼À ¸Á»vì	SC	03	02	0	04
5.5	¨ÁµÍÁAvÍÞgì CzÎ¹Íä£À: ¨ÁµÍÁAvÍÞgÍz£À vÍ¼ÐUÍ¼À :«zÁ£ÍUÍ¼À	SC	03	02	0	04
5.6	ZÁj wÍ£À CzÎ¹Íä£À: PÍ¼ÁðI PÍz£À ¸ÍÁ¸ÍwÍ£À ZÍj vÍÞ	SC	03	02	0	04

* **HC**-Hard Core / **SC**-Soft Core / **OE**-Open Elective

99

ªÆzÌ°£Àiì ªµÐ JA.J.

JgÞÀiì ¸ÎÀ¸ÞÝ

¥ÀÌ¸Ì ¸ASÍ	¥ÀªÀ ²A¶ÔP	°AqiõPÉÀgï ¸Á¶PÉÀgï/LaPì ¥ÀÄAiÉÃVPì EvÀ¢ *	PÉmi			PÉmiÜUÀÌ ¸ASÍ
			G¥ÉÀ¸À	IÃmÉÀj AiÄ¯¨/ ¥ÀÄAiÉÃVPï	¥ÀÄAiÉÃVPì	
1	ªÀÌzÌPÁ°Ã£À PÉÀgÀ ¸Á»vì : ¥À¨À	HC	03	02	0	04
2	ªÀÌzÌPÁ°Ã£À PÉÀgÀ ¸Á»vÌzÀ »£ßÆÍ	HC	03	02	0	04
3	zÁ«qÀ¨ÁµÁ«eÁ£À	HC	03	02	0	04
4	¨ÁgÀvÀAiÀ ¨ÁµÀ¼À ªÀvÀÛ ¸Á»vì	HC	02	02	0	04
5	G¥À¥ÀÌzÁÀ : (SOFT CORE) «zÁåyðÀiÀ »A¢£À ZÀ¼ÀÄõªÀ ¸ÀzÌP è DAiÀÄÞ£ÁqÀ UÀ¼À ¦£À ¥ÀªÀ¼ÀiAiÉÃÃ F Z£ÀªÀ¼Àõ ¸ÀzÌP²¼ C z¨À¼£À ªÀÄq¯¨ÁPì					
5.1	¨ÁµÀ«eÁ£À CzÀ¼À£À: PÉÀgÀ ªÀÁPÌghÀtUÀ¼À vÉ®¤PÀ ¸ÄÃÃPÌ	SC	03	02	0	04
5.2	eÁ£À¥Àzì CzÀ¼À£À: dÉ£À¥Àzì ¸À¸ÌªÀiÀ vÁwPÀ CzÀ¼À£À	SC	03	02	0	04
5.3	«ªÀÄ±É CzÀ¼À£À: ¥ÁÄAiÉÃVPì «ªÀÄ±Ì	SC	03	02	0	04
5.4	zÁ«qÀ ¸Á»vì CzÀ¼À£À: vÉ®ÄUÀ ¸Á»vì	SC	03	02	0	04
5.5	¨ÀÄ¼ÀÀAvgÀ CzÀ¼À£À: PÉÀgÀ ¸Á»vÌzÌ è ¨ÀÄ¼ÀÀAvgÀ	SC	03	02	0	04
5.6	ZÁjvÌ CzÀ¼À£À: PÉÀgÀ ¸Á»vÌ ZÀjvÉ(13£ÉÀiÀ ±ÀÀ)	SC	03	02	0	04

* **HC**-Hard Core / **SC**-Soft Core /**OE**-Open Elective

¥Ì–µÈÉ ¸ÌASÉ	¥Ì–µÈÉ ²Ã¶õÕPÉ	°Aqïõ€ÉÁgi ¸Á¥ÌÞÉÁgi/LaÝ ¥ÌÁit€ÁVÝ EvÀÐ *	Ptermi			PtermïUˆÁ ¸ÌASÉ
			G¥ÌˆÁ¸Ì	I Åmit€Áj AiÌ¯ï/ ¥ÌÁit€ÁVP	¥ÌÁit€ÁVP	
1	vÉ®¤Ptâ ¸Á»vÌ : ¥Ìbtâ : ªÌ°ÁPÁªÌ	HC	03	02	0	04
2	DzÌ¤Ptâ PˆÉqÌâ ¸Á»vÌzÌâ »£ß¯É	HC	02	02	0	04
3	¨Ág½vÃAil PÁªÌ«ÄÃªÌ€ÁA¸É	HC	03	02	0	04
4	¸ÌA±Ã€ÉAz€ÉÌ «zˆÉÌ & UtltPt€ÉÁÉÌ	HC	02	02	0	04
5	G¥Ìˆ€zÁÉÌ (SOFT CORE) «zÁÓyõÃAiÌÄ »A¢ÉÌ ZÌÌõªÌÁ¸Ì ÏzˆÌ è DÁiÌÄPt€ÁqÌ UˆÁ¦ÉÌ ¥ÌˆÌÞÁit€ÉÃ F ZÌÌÌªÌÁõ¸Ì ÏzÌˆÆèÉ CzÌÌÁit€ÉÌ ªÌÁqÌÛÁPÌÝ					
5.1	¨ÁµÁ«e€ÉÁÉÌ CzÌÌÁit€ÉÌ: G¥Ìˆ¨ÁµÁ«e€ÉÁÉÌ : PˆÉqÌâ	SC	03	02	0	04
5.2	e€ÉÁÉ¥Ìˆz̀ CzÌÌÁit€ÉÌ: PtÉÁÕˆÉ PÌ dˆÉ¥Ìˆz̀ PˆÌÝ UˆÌ¼ÌÌ	SC	03	02	0	04
5.3	«ªÌ±ÃõÃAiÌÄ CzÌÌÁit€ÉÌ: DzÌ¤PÌ «ªÌ±ÃõÃAiÌÄ ¥Ì€Ág½UˆÌ¼ÌÌ vÁwˆ¼ÌÌ	SC	03	02	0	04
5.4	zÁ€qÌÌ ¸Á»vÌ CzÌÌÁit€ÉÌ: ªÌ¤®Ail½Á¼ÌÄ ¸Á»vÌ	SC	03	02	0	04
5.5	¨ÁµÁAvÌg½Ì CzÌÌÁit€ÉÌ: ¨ÁµÁAvÌj vÌ Pˆ¼ÌÄ½ÌÌ CzÌÌÁit€ÉÌ	SC	03	02	0	04
5.6	ZÁj wÌ€ÉÌ CzÌÌÁit€ÉÌ: ±Á¸Ì̀ÁˆÁ¸Ì̀ (DAiÌÌ¥ ¥ÌbtÌ¼ÌÄ½ÌÆEqÉÉ̀)	SC	03	02	0	04

* **HC**-Hard Core / **SC**-Soft Core / **ELEC**-Elective / **OP ELE**-Open Elective / **TW**-Term Work

¥ÀÀÀgÉ ¸ASÉ	¥ÀÀÀgÉ ²Ã¶ÕÞÉ	°ÀAqiÕ¦ÉÃgi ¸À¥¥ÉÃgi/LaPÉ ¥ÀAiÉÄÃVPÉvÁ²è *	Pɸmi			PɸmiUÀ¼À ¸ASÉ
			G¥£É¸ÀÀ	IÀAmÉÄÀj AiÀÄ¯ï/¥ÀAiÉÄÃVP	¥ÀAiÉÄÃVPÀ	
1	CªÀÄ¢ðÀ PÁAiÀÄð(TERM WORK / MINOR PROJECT)	HC	03	02	0	03
2	DzÀ¤PÀ PÉÄqÀ ¸À»vÀ : ¥ÀÀ¸ PÁªÄÄ PÁzÀASj, £ÁI PÀ	HC	02	02	0	03
3	¥Á±ÁÄÀ¸ PÁªÄ«ÄÃªÀÄAÀ¸É	HC	03	02	0	03
4	¸PÀÆ°ÀªÀ¸ÁzÀÀÀ	HC	02	02	0	03
5	G¥ÀÀ¸PÁÉ¸À: (SOFT CORE) «zÁ¸ÀÃyðAiÀÄÀ »A¢À¸zÀ¼ÃÀÀ¸ÁzÀ¸PÀèEDAiÀÄÀ¥ÉÃAqÀUÀÄAÀ¦£À¥ÀÀÀgÀÀÀÉÃ F zÀMÀªÀÃ¸ÀizÀÀ£Æ£ÀCzÀÀÀÀgÀÉ¹ÄÀÀ¥ÀÀzÀ¥À					
5.1	¸ÁµÀ«¯ÀÀÀCzÀÀÀÀgÀÉ: PÉÄqÀ ¸ÁµÀ¸ÆÀÉ¥À:DAiÀÄÏ¥ÉÄÀÀ¼À	SC	03	02	0	04
5.2	¯ÀÀ¥Æ¸zÀÀÀCzÀÀÀÀgÀÉ: PÉÄqÀ dÀ¥Æ¸zÀÀ ¸À»vÀ (DAiÀÄÏ¥ÉÄÀÀ¼À)	SC	03	02	0	04
5.3	«ÀÄ±ÀÐAiÀÄ CzÀÀÀÀgÀÉ: DzÀ¤PÀ «ÀÄ±ÀÐAiÀÄ ¥À¸PÀÁgÀÀ¼À-D£À¸¬ÄÁ¸PÀ	SC	03	02	0	04
5.4	zÀÀÀ¸À qÀ¸ ¸À»vÀ CzÀÀÀÀgÀÉ: zÀÀÀ¸À qÀ¸ ¸À»vÀ: DAiÀÄÏ¥ÉÄÀÀ¼À	SC	03	02	0	04
5.5	¯ÀÀ¥ÁÀÀvÀÀ¸ CzÀÀÀÀgÀÉ: ¥À¸ÁÀiÀÉÃVPÀ ¯ÀÀ¥ÁÀÀvÀÀ¸	SC	03	02	0	04
5.6	ZÁjwgÀ¸ CzÀÀÀÀgÀÉ: PÀÉÁõI PÀ ¸À¸À¸w : DAiÀÄÏ¥ÉÄÀÀ¼À	SC	03	02	0	04
II Sem	ªÀÀÀ¥È La¥À (OPEN ELECTIVE) PÉÄqÀ ¸ÁµÀÉ ¸À»vÀ (¥ÀÀaÃ£À)	OE	03	02	0	04
III Sem	ªÀÀÀ¥È La¥À (OPEN ELECTIVE) PÉÄqÀ ¸ÁµÀÉ ¸À»vÀ (ªÀzÀ¤PÁ°ãÉ£À)	OE	03	02	0	04
IV Sem	ªÀÀÀ¥È La¥À: (OPEN ELECTIVE) PÉÄqÀ ¸ÁµÀÉ ¸À»vÀ: DzÀ¤PÀ	OE	03	02	0	04

* **HC**-Hard Core / **SC**-Soft Core / **OE**-Open Elective /

Name of The Department: **Kuvempu Institute of Kannada Studies, MGM.**
Course: **HONOR'S / MASTER'S COURSE IN LINGUISTICS**

Course Coordinator: Prof.C.S.Ramachandra

SEMESTER: I

Paper Code	Title of the Course	Type	L	T	P	Credits
HDL-1	Advanced Phonetics and Phonemics	HC	3	2	0	04
HDL-2	Advanced Morphology and Syntax	HC	3	2	0	04
HDL-3	Advanced Semantics	HC	3	2	0	04
	SOFT CORE COURSES (ANY TWO)					
HDL-4	Dialectology	SC	3	2	0	04
HDL-5	Bi-Multilingualism	SC	3	2	0	04
HDL-6	Anthropological Linguistics	SC	3	2	0	04

SEMESTER: II

Paper Code	Title of the Course	Type	L	T	P	Credits
HDL-6	Advanced Historical and Comparative Linguistics	HC	3	2	0	04
HDL-7	Lexicography	HC	3	2	0	04
HDL-8	Advanced Language Teaching Methods OR Language Curriculum, Testing and Evaluation	HC	3	2	0	04
	SOFT CORE COURSES (ANY TWO)					
HDL-9	Stylistics	SC	3	2	0	04
HDL-9	Language Planning	SC	3	2	0	04
HDL-9	Linguistics and Literacy	SC	3	2	0	04
HDL-9	TERM WORK	SC	1	0	03	04

SEMESTER :III

Paper Code	Title of the Course	Type	L	T	P	Credits
MAL-1	Schools of Linguistics	HC	3	2	0	04
MAL-2	Contrastive Linguistics and Error Analysis	HC	3	2	0	04
MAL-3	Research Methodology & Field Linguistics	HC	3	2	0	04
	SOFT CORE COURSES (ANY ONE)					
MAL-04	Introduction to Indo – Aryan Languages	SC	3	2	0	03
MAL-04	SELF STUDY – COURSES – a). Studies in Kannada linguistics b). Dravidian linguistics : An Introduction c), A Linguistic Study of Kannada Dictionaries d). Kannada Dialects : A Linguistic study	SC	1	0	3	04

SEMESTER :IV

Paper Code	Title of the Course	Type	L	T	P	Credits
MAL-6	Mass Communication and Media Language OR Computational Linguistics	HC	3	2	0	04
MAL-7	Sociolinguistics	HC	3	2	0	04
MAL-8	MINOR PROJECT	HC	1	0	3	04
	SOFT CORE COURSES (ANY ONE)					
MAL-9	Linguistic Theory of Translation	SC	3	2	00	04
MAL-9	Psycholinguistics	SC	3	2	00	04

OPEN ELECTIVES

Paper Code	Title of the Course	Semester	L	T	P	Credits
HDL-10	Culture : An Introduction	II	3	2	0	04
MAL-05	General Linguistics : An Introduction	III	3	2	0	4
MAL-10	Applied Linguistics : An Introduction	IV	3	2	0	04

Name of The Department: **Kuvempu Institute of Kannada Studies, MGM.**
Course: HONOR'S / MASTER'S COURSE IN **SOUTH INDIAN STUDIES**
Course Coordinatour:Dr.Ravindranath B K.
SEMESTER: I

Paper Code	Title of the Course	Type	L	T	P	Credits
HARD CORE COMPULSORY PAPERS					
1	Kannada Language & Literature	HC	03	02	0	04
2	Political History of South India -I	HC	03	02	0	04
3	Comparative Dravidian Linguistics	HC	03	02	0	04
SOFT CORE (ANY TWO)					
4	Study of Kannada Texts	SC	03	02	0	04
5	Religious Movements in South India	SC	03	02	0	04
6	Political & Cultural History of Vijayanagara Dynasty	SC	03	02	0	04

SEMESTER: II

Paper Code	Title of the Course	Type	L	T	P	Credits
HARD CORE COMPULSORY PAPERS					
1	Tamil Language & Literature	HC	03	02	0	04
2	Political History of South India -2	HC	03	02	0	04
3	South Indian Epigraphy	HC	03	02	0	04
SOFT CORE (ANY ONE)					
4	Study of Tamil Texts	SC	03	02	0	04
4	South Indian Numismatics	SC	03	02	0	04

SEMESTER :III

Paper Code	Title of the Course	Type	L	T	P	Credits
HARD CORE COMPULSORY PAPERS					
1	Telugu Language & Literature	HC	03	02	0	04
2	South Indian Art and Architecture-1	HC	03	02	0	04
3	Research Methodology	HC	03	02	0	04
SOFT CORE (ANY ONE)					
4	Study of Telugu Texts	SC	03	02	0	04
4	Freedom Movement in South India	SC	03	02	0	04

SEMESTER :IV

Paper Code	Title of the Course	Type	L	T	P	Credits
HARD CORE COMPULSORY PAPERS					
1	Malayalam Language &Literature	HC	03	02	0	04
2	South Indian Art and Architecture -2	HC	03	02	01	04
3	Dissertation/Minor Project	HC	01	06	0	04
SOFT CORE (ANY ONE)					
4	Study of Malayalam Texts	SC	03	02	0	04
4	History of South Indian Paintaings	SC	03	02	0	04
OPEN ELECTIVE					
1	South Indian Literature	II Sem.	03	02	0	04
2	Cultural History of South India	III Sem.	03	02	0	04
3	Tourism in South India	IV Sem.	03	02	0	04

Name of the Department: College of Fine Arts for Women, MGM
Name of the Course:M.Music
Course Coordinator:
I Semester

Paper	Title of Paper	Type	L	T	P	Credits
1	Samudaya Krithies	HC	0	1	3	04
2	Madyamakala Krithies	HC	0	1	3	04
3	Distinctive feature of Karnataka Music	HC	3	1	0	04
4	Instruments – (Any one) a) Flute **or** b) Violin **or** c) Veena	SC	0	1	3	04
5	Opera of Karnataka Music (Any One): a) Geeta Govinda d) Nowka Charitre b) Krishna leela tarangini e) Pallakki Seva Prabandha c) Prahalada Bhakti vijaya f) Geeta Gopala	SC	3	1	0	04

II Semester

Paper	Title of Paper	Type	L	T	P	Credits
1	Compositions	HC	0	1	3	04
2	Pallavis	HC	0	1	3	04
3	Theory of Music	HC	3	1	0	04
4	Instruments –(Any one) Flute or Violin or Veena	SC	0	1	3	04

III Semester

Paper	Title of Paper	Type	L	T	P	Credits
1	Kritis in Scholary Ragas	HC	0	1	3	04
2	Kritis in Pratimdyama Ragas	HC	0	1	3	04
3	Music in Different Periods	HC	3	1	0	04
4	Instrumental Music(Any One) Flute or Violin or Veena	SC	0	1	1	02
5	Study of a Musical Treatise(any one): Natyashastra OR Brihaddesi OR Sangeetha Ratnakara OR Mansollasa OR Chturdandi Prakashika	SC	1	1	0	02

IV Semester

Paper	Title of Paper	Type	L	T	P	Credits
1	Raga Tana Pallavi	HC	0	1	3	04
2	Theory & History of Music	HC	4	0	0	04
3	**Project:** Planning & Presenting a concert	HC	0	2	2	04
4	Instrumental Music(Any One) Flute OR Violin OR Veena	SC	0	1	1	02
5	A study of Western Music or Hindustani Music	SC	2	0	0	02

OPEN ELECTIVE OFFERED IN II, III & IV SEMESTER

Paper	Title of Paper	Type	L	T	P	Credits
	Karnataka Music OR Bharatanatya OR Theatre Arts	OE	3	1	0	04

Name of the Department: College of Fine Arts for Women, MGM
Name of the Course:M.DANCE - BHARATANATYA
Course Coordinator:

	I SEMESTER	Type	L	T	P	Credits
	Traditional Dance compositions	HC	0	1	3	04
	Nritta and Nritya	HC	0	1	3	04
	Theory of Natyashastra	HC	3	1	0	04
	Any One a) Vocal Music b) Mridanga c) Flute	SC	0	1	3	04
	Any one – a)Nattuvanga. b) Lighting & Stage Craft c) Makeup & Costume	SC	0	1	3	04
	II SEMESTER					
	Nritya Compositions	HC	0	1	3	04
	Traditional Abhinaya Compositions	HC	0	1	3	04
	Cuktural development of Indian Classical Dance	HC	3	1	0	04
	Any One a) Vocal Music b) Mridanga c)Flute	SC	0	1	3	04
	III SEMESTER					
	Advanced Nrtta compositions	HC	0	1	3	04
	Advanced Abhinaya Compositions	HC	0	1	3	0 4
	Indian Classical & Folk dance history in different periods	HC	3	1	0	04
	(Any One) a)Vocal Music b) Mridanga c) Flute	SC	0	1	1	02
	Influence of other art forms	SC	2	0	0	02
	IV SEMESTER					
	Choreography and Marga presentation	HC	0	1	3	04
	Dance compositions of Nayaka Nayika bhava	HC	0	1	3	0 4
	Production of a Dance Drama	HC	0	2	2	04
	Types of Dance (any one)	SC	0	1	1	02
	Different Medias (any one)	SC	2	0	0	02

Name of the Department: DOS in Political Science
Course: MA, Political Science, Course Coordinator: Sri.M.Jameel Ahmed
Semester : I

Paper code	Title of the Course	Type	L	T	P	Credit
01	Contemporary Political Theories	HC	3	1	0	04
02	Administrative Theories	HC	3	1	0	04
03	Theories of International Relations	HC	3	1	0	04
04	Democratic Theory	SC	3	1	0	04
05	Theories of Organization & Management	SC	3	1	0	04
06	Theories of Development	SC	3	1	0	04

Semester : II

Paper code	Title of the Course	Type	L	T	P	Credit
01	Western Political Thought	HC	3	1	0	04
02	Ancient and Medieval Political Thought	HC	3	1	0	04
03	Contemporary Political Thought	HC	3	1	0	04
04	Marxist and Socialist Political Thinkers	SC	3	1	0	04
05	Political Ideologies	SC	3	1	0	04

Semester : III

Paper code	Title of the Course	Type	L	T	P	Credit
01	Comparative Government Politics	HC	3	1	0	04
02	Modern Political Analysis	HC	3	1	0	04
03	Karnataka Government and Politics	HC	3	1	0	04
04	Issues in Indian Constitution	SC	3	1	0	04
05	Governance and Society in India	SC	3	1	0	04

Semester : IV

Paper code	Title of the Course	Type	L	T	P	Credit
01	Research Methodology and Computer Application	HC	3	1	0	04
02	Human Rights Theory and Practice	HC	3	1	0	04
03	Minor Project	HC	3	1	0	04
04	International Law	SC	3	1	0	04
05	International Organization and Administration	SC	3	1	0	04

OPEN ELECTIVES

Paper code	Title of the Course	Semester	L	T	P	Credit
1	Ambedkar and Deprived Caste Movement	II	3	1	0	04
2	Political Sociology of India	III	3	1	0	04
3	Globalization	IV	3	1	0	04

Course: MA, Public Administration

Course Coordinator: Sri.M.Jameel Ahmed

Semester : I

Paper code	Title of the Course	Type	L	T	P	Credit
01	Public Administration	HC	3	1	0	04
02	Administrative Thought	HC	3	1	0	04
03	Indian Administration	HC	3	1	0	04
04	Human Resource Development and Management	SC	3	1	0	04
05	Planning and Development	SC	3	1	0	04
06	Social Welfare Administration	SC	3	1	0	04

Semester : II

Paper code	Title of the Course	Type	L	T	P	Credit
01	Comparative Public Administration	HC	3	1	0	04
02	Development Administration	HC	3	1	0	04
03	Public Personnel Administration	HC	3	1	0	04
04	Political Economy of India	SC	3	1	0	04
05	Financial Administration in India	SC	3	1	0	04

Semester : III

Paper code	Title of the Course	Type	L	T	P	Credit
01	Urban Governance in India	HC	3	1	0	04
02	Panchayat Raj Institutions in India	HC	3	1	0	04
03	Theories of Bureaucracy	HC	3	1	0	04
04	New Public Management	SC	3	1	0	04
05	Disaster Management	SC	3	1	0	04

Semester : IV

Paper code	Title of the Course	Type	L	T	P	Credit
01	Research Methods in Public Administration	HC	3	1	0	04
02	Globalization and Public Administration	HC	3	1	0	04
03	Minor Project	HC	3	1	0	04
04	Good Governance	SC	3	1	0	04
05	Issues in Indian Administration	SC	3	1	0	04

OPEN ELECTIVES

Paper code	Title of the Course	Semester	L	T	P	Credit
1	Globalization & Public Policy	II	3	1	0	04
2	Development Politics And Administration	III	3	1	0	04
3	Public Policy	IV	3	1	0	04

Name of the Department: **Institute of Development Studies**
Name of the Course: **M.Tech. in URP**
Course Coordinator: Prof.Krishnegowda
Semester I

Paper Code	Title of the Paper	L[1]	T[2]	P[3]	C[4]	
CORE PAPERS						
MTURP.1.1.	Human Settlements: Planning Thoughts and Philosophy	3	2(1)	0	4	
MTURP.1.2.	Demography and Statistical Methods	3	2(1)	0	4	
MTURP.1.3.	Physical Planning: Principles and Techniques	3	2(1)	0	4	
MTURP.1.4.	Foundation Course in Networks and Construction Technology (for Social Science background students)	3	2(1)	0	4	
	OR					
MTURP.1.5.	Foundation course in Social Sciences (for Bachelor of Architecture, Planning and Engineering students)	3	2(1)	0		
PROJECT WORK						
MTURP.1.6.	Planning Studio-I: Micro-Planning			16(8)	8	
	Total				24	

Semester II

Paper Code	Title of the Paper	L	T	P	C	
CORE PAPERS						
MTURP.2.1.	**Regional Planning and Development**	3	2(1)	0	4	
MTURP.2.2.	**Ecology and Environmental Aspects of Planning**	3	2(1)	0	4	
MTURP.2.3.	**Habitat and Housing**	3	2(1)	0	4	
MTURP.2.4.	**Traffic and Transportation Planning**	3	2(1)	0	4	
PROJECT WORK						
MTURP.2.5.	**Planning Studio-II:** a. **Research Methodology** b. **Preparation of Master Plan for Town/City**			16(8)	8	
	Total				24	

Semester III

Paper Code	Title of the Paper	L	T	P	C	
	CORE PAPERS					
MTURP.3.1.	**Project Formulation and Evaluation Techniques**	3	2(1)	0	4	
MTURP.3.2	**Planning Legislation, Governance and Management**	3	2(1)	0	4	
MTURP.3.3.	**Computers applications, Information technology and Geographic Information Systems (GIS)**	3	2(1)	0	4	
MTURP 3.4.0 **SOFT CORE** (Any **ONE** of the following)						
MTURP.3.4.1.	**Urban Development and Poverty Alleviation**	3	2(1)	0	4	
	OR					
MTURP 3.4.2.	**Regional Analysis**	3	2(1)	0		
MTURP 3.4.3.	**Real Estate Development and Urban Economics**	3	2(1)	0		
	OR					
MTURP 3.4.4	**Planning for Disaster Management of Special Areas**	3	2(1)	0		
	PROJECT WORK					
MTURP 3.5	**Planning Studio-III:** a. **Preparation of District Developmen Plan** b. **Preparation and presentation of Synoptic Note** c. **Internship*(8 Weeks) Training**			16(8)	8	
	Total				**24**	

Semester IV

Paper Code	Title of the Paper	L	T	P	C	
	CORE PAPERS					
MTURP.4.1.	Metropolitan Planning	3	2(1)	0	4	
MTURP.4.2.	**ELECTIVE (DISCIPLINE CENTRIC):** Any **ONE** of the following					
4.2.1.	Urban Design and Landscape Architecture	3	2(1)	0	4	
	OR					
4.2.2.	Village Planning and Rural Development	3	2(1)	0		

	OR					
4.2.3.	Infrastructure Planning	3	2(1)	0		
	OR					
4.2.4.	Systems Analysis and GIS in Planning	3	2(1)	0		
PLANNING THESIS						
MTURP.4.3.	**Planning Thesis Part- II**	0	0	24(12)	12	
	Total				**20**	

Name of the Department: **Institute of Development Studies**
Name of the Course: **M.A.in Development Studies**
Course Coordinator: **Prof.Krishnegowda**

First Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1	Introduction to Development Studies	3	1	0	4	
1.2	Society and Social Change	3	1	0	4	
1.3	Geography and Development	3	1	0	4	
	Soft Core(candidate has to choose Two of the following)					
1.4	Fundamentals of Economics	3	1	0	4	
1.5	Quantitative Analysis	3	1	0	4	
1.6	Synchronized Development	3	1	0	4	
	Total				**20**	

Second Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1	Theories of Development	3	1	0	4	
1.2	Decentralization Governance And Development Administration	0	2	2	4	
1.3	Information Technology and Development	3	1	0	4	
	Soft Core					
1.4	PROJECT WORK **OR**	0	2	2	4	
1.4	Research Methods in Development Studies	3	1	0	4	
1.5	**Open Electives** Civil Society and Development	3	1	0	4	
	Total				**16**	

Third Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1.	Development Issues in India	3	1	0	4	
1.2	Gender and Development	3	1	0	4	
1.3	Development Initiatives –Policy and Plans	3	1	0	4	
	SOFTCORE (any One of the following)					
1.4	Planning and Programming Techniques	3	1	0	4	
1.4	Project Work	0	2	2	4	
1.5	**OPEN ELECTIVE** Human Development	3	1	0	4	
	Total				**16**	

Fourth semester

Paper Code	Title of the Paper	L	T	P	C	
	CORE PAPERS					
1.1.	Emerging Issues in Development	3	1	0	4	
1.2.	Sustainable Development and Environment Planning	3	1	0	4	
	SOFT CORE (Any TWO of the Following)					
1.3.	Social Security and Development	3	1	0	4	
1.3	Rural Transformation and Development	3	1	0	4	
1.3	DISSERTATION	0	4	4	8	
1.4	**Open Electives** Issues in Urban Development	3	1	0	4	
	Total				**24**	

Name of the Department: **Institute of Development Studies**
Name of the Course: **M.A.in Rural Development**
Course Coordinator: Prof.Krishnegowda
First Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1	Rural Economic Structure and Transformation	3	1	0	4	
1.2	Rural Socio-Political Institutions and Processes	3	1	0	4	
1.3	Rural Natural Resources and Sustainable Development	3	1	0	4	
	Soft Core(candidate has to choose Two of the following)					
1.4	Research Methodology	3	1	0	4	
1.5	Information Communication Technology and Rural Development	3	1	0	4	
1.6	Agriculture Development in India	3	1	0	4	
	Total				20	

Second Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1	Rural Settlement and Infrastructure	3	1	0	4	
1.2	Rural Development Programmes in India(Perspectives and Policies)	0	2	2	4	
	Soft Core(Any two of the following)					
1.3	Civil Society and Rural Development	3	1	0	4	
1.4	Project work	0	2	2	4	
1.5	Development Experience of Global South	3	1	0	4	

Paper Code	Title of the Paper	L	T	P	C	
1.6	**Open Electives** Social Assistance and Empowering Rural Poor	3	1	0	4	
	Total				**20**	

Third Semester

Paper Code	Title of the Paper	L	T	P	C	
	HARD CORE PAPERS					
1.1.	Rural Development Theories and Approaches	3	1	0	4	
1.2	Principles of Rural Governance	3	1	0	4	
1.3	Rural Marketing	3	1	0	4	
	SOFTCORE (any One of the following)					
1.4	Rural Industries and Resource Management	3	1	0	4	
1.4	Project Work	0	2	2	4	
1.5	**OPEN ELECTIVE** Project and Policies for Rural Development	3	1	0	4	
	Total				**20**	

Fourth semester

Paper Code	Title of the Paper	L	T	P	C	
	CORE PAPERS					
1.1.	Empowerment of Weaker Sections (SC/ST/OBCs, Women and Minorities)	3	1	0	4	
1.2.	Rural Ecology and Agriculture	3	1	0	4	
1.3	Rural Poverty Reduction Programmes	3	1	0	4	
	SOFT CORE (Any One of the Following)					
1.4.	Cooperatives and Micro Credits	3	1	0	4	

1.4	Project Work	0	2	2	4	
1.4	**Open Electives** Issues in Rural Development	3	1	0	4	
	Total				**20**	

Name of the Department: Hindi, MGM
Name of the Course: M.A.
Name of the Coordinatior: Dr.Prathiba Mudliar

I Semester

Paper Code	Title of the Papers	Type	L	T	P	Credit
	Hindi Sahitya Ka Itihas - I	HC	3	1	-	4
	Aadhunik Hindi Kavita	HC	3	1	-	4
	Anuvaad siddhant aur prayog	SC	3	3	-	4
	Upanyaskar Agney	SC	3	1	-	4
	Nibandhakar Ramchandra Shukla	SC	3	1	-	4
	Prayojanmulak Hindi	SC	3	1	-	4
	Self Study: 1. Hindi Vyakaran, 2. Apbhramash Sahitya, 3. Karnatk Samskruti and kannada sahitya	SC	1	3	-	4

Note-Students has to Choose 3 (three) Soft Core out of 4 (four)

II Semester

Paper Code	Title of the Papers	Type	L	T	P	Credit
	Hindi Sahitya Ka Itihas - II	HC	3	1	-	4
	Aadhunik Hindi Gadhya Sahitya	HC	3	1	-	4
	Vishesh Kavi Naresh Mehata	SC	3	1	-	4
	Bharatiya Sahitya	SC	3	1	-	4
	Sefl Study: 1. Natak tatha Rangmanch, 2. Vishesh Kavi Nirala, 3. Upanyaskar Premchand	SC	1	3	-	4
	Dissertation	HC	1	-	3	4

Note- 1) Students has to choose 1 (one) Soft Core out of 2 (two)

III Semester

	Title of the Papers	Type	L	T	P	Credit
	Bhasha Vigyan	HC	3	1	-	4
	Hindi Bhasha Ka Itihas	HC	3	1	-	4
	Vishesh Kavi Kabeerdas	HC	3	1	-	4
	Madhya Kaaleen Hindi Kavita	SC	3	1	-	4
	Hindi Patrakarita	SC	3	1	-	4
	Self Study: 1. Pracheen Hindi Kavita, 2. Vishesh Kavi – Tulasidas, 3. Vishesh Kavi – Soordas, 4. Aadhunik Sahitya ki Ek Vishesh Vidha(Upanyas)	SC	1	3	-	4

Note- 1) Students has to choose 1 (one) Soft Core out of 2 (two)

IV Semester

Paper Code	Title of the Papers	Type	L	T	P	Credit
	Bhartiya Kavya Shashtra	HC	3	1	-	4
	Paschatya Kavya Shastra	HC	3	1	-	4
	Hindi Aalochana aur Aalochak	SC	3	1	-	4
	Samkaleen Hindi Kavita	SC	3	1	-	4
	Aadhunik Hindi Sahitya ki Ek Vishesh vidha (prabandha kavya)	SC	3	1	-	4
	Self Study: 1. Hindi Dalit Sahitya, 2. Hindi Stri Lekhan, 3. Samkaleen Hindi Katha Sahitya	SC	1	3		4
	Dissertation	HC	1	-	4	4

Note- Students has to choose 1 (one) Soft Core out of 3(three).

OPEN ELECTIVES

Paper Code	Title of the Papers	Semester	L	T	P	Credit
	Aadhunik Katha Sahitya	I & III	3	1	-	4
	Vyakaran	I & III	3	1	-	4
	Vyavaharik Hindi(Spoken Hindi)	I & III	3	1	-	4
	Natak Tatha Rangmanch	II & IV	3	1	-	4
	Vyavaharik Hindi(Spoken Hindi)	II & IV	3	1	-	4
	Samanya Hindi	II & IV	3	1	-	4

Name of the Department: Urdu, MGM
Name of the Course: M.A.
Course Coordinator: Dr.Mohammed Ziaulla

I Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
	Urdu Adab 1857 Tak	HC	2	2	-	4
	Classiki Nazm-o-Nasar	HC	2	2	-	4
	Adabiyath Shinasi	HC	2	2	-	4
	Urdu Shairi	SC	2	2	-	4
	Urdu Mein Sawanesh Nigari	SC	2	2	-	4
	Urdu Masnavi	SC	2	2	-	4
	Roomani Adab	SC	2	2	-	4
	Urdu Gazal	OE	3	1	-	4
	Arabic-Zaban-o-Adab	OE	3	1	-	4

II Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
	Urdu Adab 1857 se 1935Tak	HC	2	2	-	4
	Jadeed-Nazm-o-Nasar	HC	2	2	-	4
	Urdu Mein Drama Nigari	HC	2	2	-	4
	Urdu Sahafath	SC	2	2	-	4
	Deccani Adab	SC	2	2	-	4

III Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
	Urdu Adab 1935 Ta Hal	HC	2	2	-	4
	Iqbal aur unka Ahad	HC	2	2	-	4
	Urdu Novel Nigari	HC	2	2	-	4
	Urdu Inshaiya	SC	2	2	-	4
	Iblagiyath	SC	2	2	-	4
	Arooz-0-Balagahath	SC	2	2	-	4

IV Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
	Tanqeed-Nigari	HC	2	2	-	4
	Tehreekath-o-Rujhanth	HC	-	1	3	4
	Minor Project	SC	2	2	-	4
	Script Nigari	SC	2	2	-	4
	Urdu Afsana	SC	2	2	-	4

OPEN ELECTIVES

Paper Code	Title of the Paper	Semester	L	T	P	Credit
	Farsi Zaban-o-Adab	II	2	2	-	4
	Introduction of Urdu Part-I	II	2	2	-	4
	Introduction of Urdu – Part-II	III	2	2	-	4
	Arabic – Zaban-o-Adab	III	2	2	-	4
	Urdu Ghazal	IV	2	2	-	4
	Arabic	IV	2	2	-	4

Name of the Department: Christianity, MGM
Course: M.A.
Course Coordinator:Valindin Rajendra Kumar

I Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
1	Study of the Old Testament (Pentateuch)	HC	3	1	0	4
2	Gospels of Mark and Mathew	HC	3	1	0	4
3	Comparative study of Religions	HC	3	1	0	4
	Any two Soft Core					
4	Essentials of Indian Christian Theology	SC	3	1	0	4
5	Communication, Spirituality and Theology	SC	3	1	0	4
6	Christian Mysticism in Indian Context	SC	3	1	0	4

II Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
1	Prophetic and Poetical Writings of Old Testament	HC	3	1	0	4
2	Gospels of Luke and John	HC	3	1	0	4
3	Minor Project/ Dissertation	HC	2	0	2	4
	Any One Soft Core					
4	Church in the Modern world	SC	3	1	0	4
5	Samskaras and God Experience	SC	3	1	0	4

III Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
1	Theology of Liberation	HC	3	1	0	4
2	Pauline theology and Spirituality	HC	3	1	0	4
	Any two Soft Core					
3	Research Methodology	SC	2	1	0	3
4	Study of Major World Religions	SC	2	1	0	3
5	Culture and Christianity	SC	2	1	0	3

IV Semester

Paper Code	Title of the Paper	Type	L	T	P	Credit
1	Christianity and Inter - Religious Dialogue in India	HC	3	1	0	4
2	Social Concerns of Christianity	HC	3	1	0	4
3	Major Project	HC	1	0	5	6
	Any One Soft Core					
4	Indian Christian Theology	SC	3	1	0	4
5	Enculturation In India	SC	3	1	0	4
6						

OPEN ELECTIVES

Paper Code	Title of the Paper	Semester	L	T	P	Credit
1	Globalization & Ecosophy	II	3	1	0	4
2	Communication, Media and Values	III	3	1	0	4
3	Feminism and Social Leadership	IV	3	1	0	4

Name of the Department: SOCIOLOGY, MANASAGANGOTRI,
Name of the Course: M.A.
Name of the Course Coordinator: Dr.S.Yashoda

I Semester

CORE PAPER	Title of the Pager	HC/SC/ Elective/ Open Elective	L	T	P	Credits
SHC1	CLASSICAL SOCIOLOGY	HC	3	1	0	4
SHC2	RESEARCH METHODS IN SOCIAL SCIENCES	HC	2	1	0	3
SHC5	RURAL SOCIETY IN INDIA : CHANGE AND DEVELOPMENT	HC	2	1	0	3
SSC1	Society and Education	SC	2	1	1	4
SSC2	Sociology of Marginalized Group	SC	2	1	0	3
SOE1	Indian Society in Transition	Open Elective	3	1	0	4

Name of the Department: Electronics, P.G.Centre, Hassan
Name of the Course: M.Sc.
Name of the Course Coordinator: Mr.Mahadevaprasad

I Semester

CORE PAPER	Title of the Pager	Type	L	T	P	Credits
ELE. 101	**Analog Circuit Design**	HC	3.0	0.0	0.0	3.0
ELE. 102	**Digital Circuit Design**	HC	3.0	0.0	0.0	3.0
ELE. 104	**Analog and Digital Circuit Design Lab**	HC	0.0	0.0	4.0	4.0
ELE. 105	**Programming in C Lab**	HC	0.0	0.0	4.0	4.0
A candidate can select any two papers from the following soft core papers to get 6 credits						
ELE 105	**Programming in C**	SC	3.0	0.0	0.0	3.0
ELE. 106	**Computer Organisation**	SC	3.0	0.0	0.0	3.0
ELE. 107	**Network Analysis**	SC	3.0	0.0	0.0	3.0
ELE. 108	**Microwave Communication**	SC	3.0	0.0	0.0	3.0

II Semester

CORE PAPER	Title of the Pager	Type	L	T	P	Credits
ELE. 201	**Advanced Microprocessors**	HC	3.0	0.0	0.0	3.0
ELE. 202	**Signals and Systems**	HC	3.0	0.0	0.0	3.0
ELE. 204	**Advanced Microprocessor Lab**	HC	0.0	0.0	4.0	4.0
ELE. 205	**Digital Communication Lab**	HC	0.0	0.0	4.0	4.0
A candidate can select any two papers from the following soft core papers to get 6 credits						
ELE 205	Digital Communication	SC	3.0	0.0	0.0	3.0
ELE. 206	**Computer Networks**	SC	3.0	0.0	0.0	3.0
ELE. 207	**Optical Fibre Communication**	SC	3.0	0.0	0.0	3.0
ELE. 108	ELE. 208 **Satellite Communication**	SC	3.0	0.0	0.0	3.0
ELE. 209	**Fundamentals of Electronics**	OE	2.0	1.0	0.0	3.0

III Semester

CORE PAPER	Title of the Pager	Type	L	T	P	Credits

CORE PAPER	Title of the Paper	Type	L	T	P	Credits
ELE 301	Digital Signal Processing	HC	3.0	0.0	0.0	3.0
ELE 302	Embedded Systems	HC	3.0	0.0	0.0	3.0
ELE. 303	Digital Signal Processing Lab	HC	0.0	0.0	4.0	4.0
ELE. 304	Embedded Systems Lab	HC	0.0	0.0	4.0	4.0
Acandidate can select any two papers from the following soft core papers to get minimum of 4 credits.						
ELE 305	VLSI Design	SC	2.0	0.0	0.0	2.0
ELE. 306	Digital Signal Processors	SC	2.0	0.0	0.0	2.0
ELE 307	ARM Processors	SC	2.0	0.0	0.0	2.0
ELE 308	Digital Image Processing	SC	2.0	0.0	0.0	2.0
ELE. 309	Semiconductor Devices	OE	2.0	1.0	0.0	3.0

IV Semester

CORE PAPER	Title of the Pager	Type	L	T	P	Credits
ELE 401	Dissertation Work	HC	0.0	2.0	8.0	10.0
ELE. 402	Computer Fundamentals	OE	2.0	1.0	0.0	3.0

Name of the Department: EMMRC
Course: M.Sc. in Electronic Media
Course Coordinator: Mr.Ganta Ravikumar

Sl. no	Code	Title	Type	L:T:P	Credit(V)
I SEMESTER		Introduction to Electronic Media	HC	3:1:0	4
		Radio Production	HC	3:1:0	4
		Videography	HC	3:1:0	4
		Digital Imaging	SC	0:1:2	3
		Editing Digital Audio	SC	0:1:2	3
		Editing Digital Video	SC	0:1:2	3
		Web Designing	SC	0:1:2	3
		Visual communication	SC	2:2:0	4
II SEMESTER		Script Writing	HC	3:1:0	4
		2-D Animation	HC	2:0:2	4
		Video Production	HC	2:0:2	4
		Production Planning	SC	2:1:0	3
		Managing Digital Assets	SC	2:1:0	3
		Image Processing	SC	0:1:2	3
		Internet Technology	SC	2:1:0	3
III SEMESTER		Media in Advertising & Public Relation	HC	3:1:0	4
		3-D Animation	HC	2:0:2	4
		Special Effects & Creativity	HC	2:0:2	4
		TV News Casting	SC	2:1:0	3
		Writing & Presenting News	SC	0:1:2	3
		Web Portal Development	SC	2:1:0	3
		E-Content Development	SC	0:1:2	3
IV SEMESTER		Documentary Production	HC	3:1:0	4
		Project	HC	0:2:6	8
		Media Research	Sc	2:1:0	3
		Tele film Production	SC	2:1:0	3
		Pod Casting	SC	2:1:0	3
		Media Ethics & Law	SC	2:1:0	3
Open Elective II SEMESTER		Multimedia Technologies	Open Elective	3:1:0	4
Open Elective III SEMESTER		TV Presentation Skills	Open Elective	3:1:0	4
Open Elective IV SEMESTER		E-Learning	Open Elective	3:1:0	4

Name of the Department: Gandhian Studies
Course: Peace and Conflict Resolution in Gandhian Studies
Course Coordinator: Dr.Sugeetha Suvarna

Nature of the Paper	Title of the Paper	Type	L	T	P	Credits
1	Peace: : Basic Issues	HC	03	01	0	04
2	Conflict: Basic Issues	HC	03	01	0	04
3	Durable Peace: Challenges and Methods	HC	03	01	0	04
4	Methods for Conflict Resolutions	SC	03	01	0	04
5	Global Conflict and Peace Initiatives	SC	03	01	0	04
6	Religious Philosophy and Conflict Resolution	SC	03	01	0	04

* Any Two Soft Core

Papers for II Semester

	Title of the Paper	Type	L	T	P	Credits
1	Peace Movements at the Global Level 1	HC	3	01	0	04
2	Peace Movements at the Global Level II Uni	HC	3	01	0	04
3	Globalization and Growing Conflict	SC	3	01	0	04
4	Globalization , Civil Society and World Peace	SC	03	01	0	04
5	Conflicts and Political Thought: Marx,Lenin, Ambedkar,	SC	03	01	04	
6	Gandhi , World Order and Global Peace	OE	03	01	04	

* Any Two Soft Core

Papers for III Semester

	Title of the Paper	Type	L	T	P	Credits
1	Peace Movements in India	HC	03	01	0	04
2	Contemporary Conflicts in India	HC	03	01	0	04
3	: Post-Gandhian Conflict Resolutions in India	HC	03	01	0	04
4	: Gandhian Issues in Indian Politics	SC	03	01	0	04
5	Gandhi and Constructive Programmme	SC	03	01	0	04
6	Peace Issues in Indian Philosophy:	OE	03	01	0	04

* Any One Soft Core

Papers for IV Semester

	Title of the Paper		L	T	P	Credits
1	Gandhian Understanding of Peace	HC	03	01	0	4
2	Gandhian Techiques of Conflict Resolution	HC	03	01	0	4
3	Minor project work	HC		02	02	4
4	: Gandhi , Ecology and Peace	SC	03	01	0	4
5	Application of Gandhian Techniques Case Studies	SC	03	01	0	4
6	India after Gandhi	OE	03	01	0	4

* Any One Soft Core

OPEN ELECTIVES OF PEACE AND CONFLICT RESOLUTION

II SEMESTER – Gandhi, World Order & Global Peace   04 Credits

III SEMESTER – Peace Issues in Indian Philosophy   04 Credits

IV SEMESTER - India after Gandhi   04 Credits

Name of the Department: Centre for Information Science & Technology(CIST)
Course Coordinator:

The CIST will offer the following three courses in both even and odd semesters for the P.G.Students of the Campus:

	Title of the paper		L	T	P	Total Credits
1	Computer Concepts and Internet Technologies	OE	2	1	1	4
2	E-Commerce	OE	2	1	1	4
3	Introduction to Bio-informatics	OE	2	1	1	4

Name of the Department: Dr.B.R.Ambedkar Research and Extension Centre, AREC Build., MGM.
Course Coordinator:
OPEN ELECTIVE In all I, II, III and IV Semester.

	Title of the paper	Type	L	T	P	Credits
1	Ambedkar as a Nation Builder	OE	2	2	0	4
2	Ambedkar and Indian Constitution	OE	2	2	0	4
3	Ambedkar and His Contemporaries – Gandhi, Periyar and Lohia	OE	2	2	0	4
4	Ambedkar and Indian Polity	OE	2	2	0	4
5	Ambedkar and Kannada Dalit Literature	OE	2	2	0	4

Name of the Department: School of Foreign Languages
OPEN ELECTIVE

	Title of the paper		L	T	P	Total Credits
II/IV	**French for Communication Level –I**	**OE**	**3**	**1**	**0**	**4**
	French for Communication Level - II	**OE**	**3**	**1**	**0**	**4**
III	**French for Communication Level – I**	**OE**	**3**	**1**	**0**	**4**
	French for Communication Level - II	**OE**	**3**	**1**	**0**	**4**

N.B.: French for Communication Level-II can be pursued only on successful completion of French for Communication Level-I.

Name of the Course: MASTER IN DEVELOPMENT MANAGEMENT (MDM)

Department: Vivekananda Institute for Leadership Development,

Hebbal, Mysore-16

Course Co-ordinator: Dr.Bhagyalakshmi.G., 0821-2415412,2304986, 9900043494

Course Structure

	Title of the paper		L	T	F	Total Credits	
	FIRST SEMESTER						
1.1	Introduction to Development Sector		2		2	4	
1.2	Sociology of Development		3		1	4	
1.3	Indian Economy		4		0	4	
1.4	Self empowerment & Development		4		0	4	
1.5	Project Management		2		2	4	
	TOTAL		15		5	**20**	
	SECOND SEMESTER						
2.1	Water Resource Management		2		2	4	
2.2	Accounting & Auditing		3		1	4	
2.3	Law & the Development Sector		3		1	4	
2.4	Research Methods		2		2	4	
2.5	Apprenticeship		0		4	4	
	TOTAL		10		10	**20**	
	THIRD SEMESTER						
3.1	Marketing & Relationship Mgmt.		2		1	3	
3.2	Sustainable Technologies and Development		2		2	4	
3.3	Human Resource Management		2		1	3	
3.4	Community based Health Management, Community based Education Management	OE				4	
3.5	Apprenticeship		0		4	4	
	TOTAL					**18**	
	FOURTH SEMESTER						
4.1	Financial Management in Development		2		1	3	
4.2	Indian Constitutional Framework for Development		2		1	3	
4.3	Micro Finance & Micro Enterprise, Tribal Development	OE				4	
4.4	Rehabilitation and Resettlement, Gender and Development	OE				4	
4.5	Project Work		0		**4**	**4**	
	Total					**18**	
	Grand Total					**76**	

1. EXPLANATION OF ACADEMIC TERMS

Academic Calendar:	Annual university publication listing key dates in the academic year, program requirements, rules and regulations, and course descriptions. The calendar can be obtained from your Registrar's office in the spring. It includes dates of re-opening of departments/colleges, commencement of classes for seniors and juniors, last working days for senior/junior students and Faculty members, dates of commencement of examinations, deadlines for payment of examination and term fees, deadlines for course registration, mid -term vocations, summer vocation and dates of declaration of results.
Academic Year:	The university year which normally runs from August to July of each CALENDAR year. The time during which classes are taught. An academic year usually starts in July/August and ends in May/June. There are also summer courses that run from May through August. Each faculty has its own schedule.
Action learning:	Action learning can be defined as a process in which a group of students come together more or less regularly to help each other to learn from their experience.
Active Learning:	Learning is not a spectator sport. Students do not learn much just sitting in classes listening to teachers, memorizing prepackaged assignments, and spitting out answers. They must talk about what they are learning, write reflectively about it, relate it to past experiences, and apply it to their daily lives. They must make what they learn part of themselves.
Case Studies :	Case studies are observed phenomena/ process/ performance/ practices/ situations/ stories or scenarios, often created and used as a tool for analysis and discussion. They have a long tradition of use in higher education particularly in business and law. Cases are often based on actual events which adds a sense of urgency or reality. Case studies have elements of simulations but the students are observers rather than participants. A good case has sufficient detail to necessitate research and to stimulate analysis from a variety of viewpoints or perspectives. They place the learner in the position of problem solver. Students become actively engaged in the materials discovering underlying issues, dilemmas and conflict issues. Case content will usually reflect the purposes of the course. A history class might examine the European geopolitical situation that impacted the Quebec Act of 1760. A media studies class could consider the factors in debating the cancellation of a television program. A biology class may investigate the ethics of stem cell research. **Case studies are u**sed as a teaching tool, case studies are tools for engaging students in research and reflective discussion. Higher order thinking is encouraged. Solutions to cases may be ambiguous and facilitate creative problem solving coupled with an application of previously acquired skills. They are effective devices for directing students to practically apply their skills and understandings. Students learn to identify delineate between critical and extraneous factors and develop realistic solutions to complex problems. They have the opportunity to learn from one another. For teachers, it offers an opportunity to provide instruction while conducting formative evaluation.
Component:	Components are the types of classes that make up the course (e.g. lecture, tutorial, etc). Refer below, to the Study component table, for further information.
Cooperative Learning :	Cooperative learning is an instructional strategy that simultaneously addresses academic and social skill learning by students. It is a well-researched instructional strategy and has been reported to be highly successful in the classroom. There is an every increasing need for interdependence in all levels of our society. Providing students with the tools to effectively work in a collaborative environment should be a priority. Cooperative Learning is one way of providing students with a well defined framework from which to learn from each other. Students work towards fulfilling academic and social skill goals that are clearly stated. It is a team approach where the success of the group depends upon everyone pulling his or her weight. Five Basic Elements of Cooperative Learning are: 1. Positive Interdependence, 2. Face-To-Face Interaction, 3. Individual Accountability, 4. Social Skills, and 5. Group Processing. The basic elements of cooperative learning can be considered essential to all interactive methods. Student groups are small, usually consisting of two to six members. Grouping is heterogeneous with respect to student characteristics. Group members share the various roles and are interdependent in achieving the group learning goal. While the academic task is of primary importance, students also learn the importance of maintaining group health

	and harmony, and respecting individual views. Cooperative learning can take place in a variety of circumstances. For example, brainstorming and tutorial groups, when employed as instructional strategies, provide opportunities to develop cooperative learning skills and attitudes.
Course :	A course (paper) is the basic component of an academic program. It is identified by a course name (ie. Like a Paper on Soil Microbiology) and an area. All courses are considered to be for earning credits to secure a degree. To "pass a course" or "obtain standing in a course," normally means to obtain a mark of 50%, or more, in that course.
Creative Problem Solving:	This method uses the some basic focus, but the process is less geared towards solutions and more towards a focus on brainstorming. The focus is on creating ideas rather than solving a clear existing problem. Sometimes the problem is pre-defined, and the group must focus on understanding the definition rather than creating it. It involves Orientation ∕ Preparation and Analysis ∕ Brainstorm ∕ Incubation ∕ Synthesis and Verification.
Credit:	The certification that a student has earned by securing the credits a particular course. Students can obtain credits as per the pattern of learning for each course taken and have to obtain a given number and type of credits to qualify for the award of a degree.
Curriculum:	Contents of a course or program.
Degree:	A qualification awarded to a student by a university. A bachelor's degree signifies the successful completion of three or four years of successful studies after + 2 level. A graduate (master's or doctorate) degree is awarded after two more or three more years of study after graduation.
Diploma :	A qualification awarded after successful completion of a course in Higher Education.
Directed Study:	A directed study is a course in which a student works under the direction of an academic on a subject area relevant to their program, and in which they have a particular interest.
Dissertation:	An extended essay or report usually of several thousand words on a specific subject completed during a course of study/research/survey/experiment/fieldwork and analysis.
Doctorate :	A degree ranking above the master's degree and normally awarded after two or three years' study, although most students need more time to finish; the average for many is four to five years. The most common doctorate is the Ph.D (Doctor of Philosophy) which can be awarded for research in any subject (not just philosophy). Doctoral degrees usually involve researching, writing, presenting and defending a thesis, in addition to course work.
Electives:	A defined set of specialized courses for a diploma or degree from which a student may make a choice.
Enroled:	Term used to show a course(s) have been added to a student's credit-table. Registration is not complete until fees have been paid.
Enrolment:	The process by which a student, having gained admission to the University and to a qualification, selects and gains entry to courses and classes.
Examination:	Formal assessment under supervision occurring after the teaching in a course has been completed.
Experiential learning:	Both action research and action learning may be compared to experiential learning. As usually described, it is a process for drawing learning from experience. The experience can be something which is taking place, or more often is set up for the occasion by a trainer or facilitator. Clearly, both action research and action learning are about learning from experience. The experience is usually drawn from some task assumed by a person or team. All are cyclic. All involve action and reflection on that action. All have learning as one of their goals.
Faculty (Academic):	This word is used to indicate the teaching staff of a University ∕ College as well as an academic subdivision of a university, which is normally a larger unit than a department. For example, the Faculty of Science and Technology has several different departments, including the Department of Chemistry, Computer Science, Physics etc.,
Fieldwork:	Fieldwork is completed in an organisation or environment outside the University. The focus is on linking what is learnt in class with what is seen, collected, and tested in the field. Aims of fieldwork may include observing principles learnt in

	class, applying acquired knowledge in real life situations and collecting information to be used in class.
Grade Point Average (GPA):	A means of measuring a student's performance at this University. The average grade achieved over a period of time expressed numerically on a scale between 0 and 9. GPAs include: **Cumulative GPA:** calculated from all grades achieved by a student. Used for selection purposes unless an alternative has been indicated by the Faculty. **Satisfactory Progress GPA:** calculated from the grades achieved by a student in the last two semesters of enrolment.
Grade Point Equivalent (GPE):	A means of measuring a student's prior relevant academic performance and experience. Grades or marks achieved at external institutions and/or in examinations expressed as an equivalent to a Grade Point Average on the scale 0-9. This is normally printed at the backside of the grade-sheets/ mark-sheets.
Independent Study :	Independent study refers to the range of instructional methods which are purposefully provided to foster the development of individual student initiative, self-reliance, and self-improvement. While independent study may be initiated by student or teacher, the focus here will be on planned independent study by students under the guidance or supervision of a classroom teacher. In addition, independent study can include learning in partnership with another individual or as part of a small group. **Possible Methods :** Essays /Computer Assisted Instruction / Journals /Learning Logs /Reports /Learning Activity Packages /Correspondence Lessons /Learning Contracts /Homework /Research Projects /Assigned Questions /Learning Centers.
Instructional methods:	Instructional methods are used by teachers to create appropriate learning environments and to specify the nature of the activity in which the teacher and learner will be involved during the lesson. A variety of instructional strategies are available for teaching-learning
Instructional Skills :	Instructional skills are the most specific category of teaching behaviors. They are necessary for procedural purposes and for structuring appropriate learning experiences for students. A variety of instructional skills and processes exist. Explaining / Demonstrating / Questioning / Questioning Techniques /Levels of Questions .
Instructional Strategies:	**Direct Instruction** : **Possibilities include** Structured Overview / Lecture /Explicit Teaching / Drill & Practice / Compare & Contrast / Didactic Questions / Demonstrations /Guided & Shared - reading, listening, viewing, thinking. **Interactive Instruction** : **Possibilities include** Debates / Role Playing / Panels / Brainstorming /Peer Partner Learning / Discussion / Laboratory Groups / Think, Pair, Share / Cooperative Learning Groups / Jigsaw / Problem Solving / Structured Controversy / Tutorial Groups / Interviewing / Conferencing. **Indirect Instruction** : **Possibilities include** Problem Solving / Case Studies / Reading for Meaning / Inquiry / Reflective Discussion / Writing to Inform / Concept Formation / Concept Mapping / Concept Attainment / Cloze Procedure . **Independent Study** : **Possibilities include** Essays / Computer Assisted Instruction / Journals / Learning Logs / Reports / Learning Activity Packages / Correspondence Lessons / Learning Contracts / Homework /Research Projects / Assigned Questions / Learning Centers. **Experiential Learning** : **Possibilities include** Field Trips /Narratives / Conducting Experiments / Simulations / Games / Storytelling / Focused Imaging / Field Observations / Role-playing / Synectics / Model Building / Surveys **Instructional Skills** ; **Possibilities include** Explaining / Demonstrating / Questioning / Questioning Technique / Wait Time / Levels of Questions
Interactive Instruction :	Interactive instruction relies heavily on discussion and sharing among participants. Students can learn from peers and teachers to develop social skills and abilities, to organize their thoughts, and to develop rational arguments. The interactive instruction strategy allows for a range of groupings and interactive methods. It is important for the teacher to outline the topic, the amount of discussion time, the composition and size of the groups, and reporting or sharing techniques. Interactive instruction requires the refinement of observation, listening, interpersonal, and intervention skills and abilities by both teacher and students. The success of the interactive instruction strategy and its many methods is heavily dependent upon the expertise of the teacher in structuring and developing the dynamics of the group. **Possible Methods** include Debates / Role Playing / Panels / Brainstorming / Peer Partner Learning / Discussion / Laboratory Groups / Think, Pair, Share /

	Cooperative Learning / Jigsaw / Problem Solving / Structured Controversy / Tutorial Groups / Interviewing / Conferencing .
Internship:	Supervised practical training period for a student or recent graduate.
Key Skills :	Key skills are skills which are important in all aspects of life. They are Communication, Application of Numerical concepts, Information Technology, Improving Own Learning and Performance, Problem Solving and Working with Others.
Learning Environment:	Learning is enhanced when it is more like a team effort than a solo race. Good learning, like good work, is collaborative and social, not competitive and isolated. Working with others often increases involvement in learning. Sharing one's ideas and responding to others improves thinking and deepens understanding. Learners' needs can be met by: Utilizing multimedia presentations that engage the learners/ Providing outside of the classroom activities (field trips)/ Giving the learners a problem to solve that has multiple solutions/ Changing the media or delivery method frequently/ Identifying a variety of learning opportunities for each module/ Explaining theory from a "practical approach" first and then adding the structural approach.
Lecture:	A basic unit of instruction. A lecture is a formal presentation by an academic staff member, usually to a large number of students. Opportunities for discussion are generally limited. Lectures can be an efficient and effective way to depart knowledge. This is a formal instructive talk given by a subject specialist to a group of students.
Master's degree:	A degree sought after the student has received a bachelor's degree which may be achieved by taking courses and examinations and in some cases by conducting research and presenting a thesis.
Module	A unit of study that explores a specific area within a subject, for example, Development communication. A number of such related modules make up one unit in a course.
Multimedia:	The use of several media, such as movies, slides, music, and lighting in combination normally for the purpose of education or entertainment
Orientation:	A program offered at the beginning of the academic year to new students to familiarize them with the campus; orientation is also known as frosh week. While each College and Faculty offers their own orientation there are several events for which all divisions join together.
Practical: Practical:	A practical is a learning opportunity that involves a brief presentation by the lecturer or tutor, followed by students participating in various exercises or experiments. Practicals provide opportunities for interaction and discussion. The laboratory component for many science courses. For example, when a student registers for a chemistry class, they must select a lecture, practical and tutorial. See lecture, tutorial.
Prerequisites:	Courses necessary to successfully complete before taking specific higher level courses.
Problem Solving :	There are two major types of problem solving – reflective and creative. Regardless of the type of problem solving a class uses, problem solving focuses on knowing the issues, considering all possible factor and finding a solution. Because all ideas are accepted initially, problem solving allows for finding the best possible solution as opposed to the easiest solution or the first solution proposed. This process is used to help students think about a problem without applying their own pre-conceived ideas. Defining what the problem looks like is separated from looking at the cause of the problem to prevent premature judgment. Similarly, clarifying what makes an acceptable solution is defined before solutions are generated, preventing preconceptions from driving solutions.
Program:	A program (degree) is a combination of courses undertaken at university to obtain a degree, certificate or diploma.
Project:	A piece of investigative written work on a topic approved by the relevant Head of Department and supervisor.
Reflective Discussion :	Reflective discussions encourage students to think and talk about what they have observed, heard or read. The teacher or student initiates the discussion by asking a question that requires students to reflect upon and interpret films, experiences, read or recorded stories, or illustrations. As students question and recreate information and events in a film or story, they clarify their thoughts and feelings. The questions

	posed should encourage students to relate story content to life experiences and to other stories. These questions will elicit personal interpretations and feelings. Interpretations will vary, but such variances demonstrate that differences of opinion are valuable. Students could initiate discussions about resources in all subject areas. Reflective discussions can be incorporated into the following strategies: Book talks /Conferencing /Co-operative learning /Literature study /Reading logs .
Reflective Problem Solving :	This follows a series of tasks. Once you have broken the students into groups, the students define the problem, analyze the problem, establish the criteria for evaluating solutions, propose solutions and take action.
Research essay:	A research-based essay on a topic approved by the relevant Head of Department and supervisor.
Semester :	The academic year is divided into two semesters or blocks of study. A semester spans over a period of four to five months with an examination at the end. Half the academic year usually lasting between 12 and 18 weeks
Seminar:	A meeting between a teacher and a small group of students to study or discuss an aspect of the course, which is being taught. This involves a presentation of a topic by a student, faculty, an expert in the subject or an invited speaker. A seminar consists of a small group of students and usually runs for 1-3 hours. A seminar may include a presentation by the lecturer or tutor, or by a group of students. Students are expected to prepare for and participate actively in seminars by giving a paper, answering questions or discussing subject matter in small groups.
Student Identification Number:	Also referred to as personal identification number, a student number is a set of uniquely-generated numbers assigned to every registered student at the university for identification purposes.
Study periods:	The term 'Study Period' replaces 'Term' and 'Semester'. A study period is the period of time during which all aspects of a course occur, including reading, preparation, induction and orientation, contact hours (or teaching period) and assessment. It does not necessarily include any supplementary or deferred assessment, which may be scheduled outside of the study period.
Thesis and Viva-Voce:.	A research component of a postgraduate programme having a value of 10 or more credits which will have a written component but may also include design, creative or performative elements. There may be an oral examination about the work done by the student as Viva-Voce.
Timetable:	A schedule, listing all courses, and applicable practicals, tutorials and labs, in which one is enrolled.
Tutorial:	A class in which a teacher gives intensive instruction in some subject to an individual student or a small group of students. Tutorials are supplements to regular course classes. Tutorials are another part of your timetabled study. The purpose of a tutorial is to allow students in smaller groups to discuss something in more detail. Although it is difficult to be specific, the difference between a seminar and tutorial is that a tutorial usually reviews the progress of work which has been done by the individual student or group of students whilst a seminar presents some new material. A tutorial is a class of between 5-30 students in which students discuss key topics, concepts and ideas with their tutors. All students are expected to prepare for tutorials and participate actively in class discussions. Tutorials often complement lectures and generally run for 1-2 hours. Tutorials are an important part of university life. They give you the chance to: • explore and clarify a topic by asking questions; • try out new ideas; • interact with other students; • develop your active listening and speaking skills; • hear a range of opinions; and • go further into particular topics or questions. In most units you will be required to attend tutorials. The nature of tutorials will vary from tutor to tutor and subject to subject. Tutorials may: • take the form of practical sessions in laboratories or workshops; • provide opportunities for the tutor to explain aspects of the lecture; and/or • provide an opportunity for students to talk about the subject to broaden their understanding.
Workshop:	A workshop usually involves a short introduction in which a specific problem is identified and presented to students by the lecturer or tutor. This is followed by discussion and activities in which students work collaboratively to investigate, analyse and formulate a solution to the problem. Outcomes may be presented by groups or by individual students at the completion of the workshop.

Nodal Officers: **a) Dr.D.S.Guru, DoS in Computer Science, MGM.**
                              b) Dr.B.Basavalingu, DoS in Geology, M.G.M.

LIST OF COORDINATORS FOR C.B.C.S.

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3.	Biotechnology	Prof. Bharathi P Salimath Ph: 2419879, 934211705
4.	Biochemistry	Prof.B.S.Vishwanath Ph: 2419624, 9845893634
5.	Bioscience	Dr.P.Sharanappa, P.G.Centre, Hassan Ph: 9945242161
6.	Botany	Prof.G.R.Janardhan Ph: 2419763, 4219759, 9845636998
7.	Chemistry	Dr.H.D.Revanasiddappa Ph: 2419669, 9449271137 Dr.Lokanath Rai,
8.	Commerce	Dr.B.Mahadevappa Ph: 9449131248
9.	Chamarajanagara	Dr.M.Kumaraswamy
10.	Christianity	Sri.Validin Rajendrakumar, Lecturer Ph: 2419813
11.	English	Prof.K.M.Chandar, Ph: 2419528,
12.	Education	Dr.K.B.Praveena
13.	Environmental Science	Prof.A.G.Devi Prasad Ph: 2419629, 9448033391
14.	EMMRC	Mr. Ganta Ravikumar Ph: 2419562
15.	Economics	Prof.D.S.Leelavathi Ph: 2419540, 9448705629

16.	Food Sc. & Nutrition	1. Dr.Khyrunnisa Begum for Food Science & Nutrition
		    Ph: 2419635, 9886619335
		2. Dr.Komala M. for Human Development
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17.	Music	Dr.R.N.Sreelatha Ph: 2419579, 9945124825
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40.	Urdu	Dr. Mohammed Ziaulla Ph: 2419894,
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44.	P.G.Center, Hassan	1. Electronic – Mr.M.Mahadevaprasad - 9448411435 2. Bioscience – Dr.P.Sharanappa - 9945242161 3. Commerce – Prof.T.S.Devaraj - 9880761877 4. Kannada – Prof.M.G.Manjunath - 9845299241 5. English – Miss. Sujatha C E - 9449122666
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46.	Criminology & Forensic Sc. At M.C.M.	Prof.L.Limbya Naik - 9483478566
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