



UNIVERSITY OF MYSORE

**CHOICE BASED CREDIT SYSTEM  
HANDBOOK OF COURSES  
2011-2012 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

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## **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 carved out 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. Separate 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 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 Hemangotri 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 offered 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 INFORMATION

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 need-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 each department. These papers are general in nature and students have the freedom to choose any of them.

#### 7. 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.

#### 8. CURRICULUM PARTICULARS

The curriculum details of all the courses of the University are shown in the university website: [www.uni-mysore.ac.in](http://www.uni-mysore.ac.in)

#### 9. 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.

#### 10. CONTACTS

For further 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 CoOrdinator, CBCS Office, University of Mysore, Manasagangothri, Mysore.

**FINALISED LIST OF PROGRAMME-WISE COURSES FOR POST GRADUATE COURSES OF 2011-12 UNDER C.B.C.S.**

**Name of the Department: ANCIENT HISTORY AND ARCHAEOLOGY**

**Course: M.A.**

**Course Coordinator: Dr.G.Kariyappa**

**Semester-I**

Paper Code	Title of the Course	HC/SC OE	L	T	P	Credit	Name of the Faculty
1	2	3	4	5	6	7	8
1	Political and Cultural History of North India upto 1000 A.D.	HC	2	1	1	4	
2	Theory and Method in Archaeology	HC	2	1		4	
3	Indian Epigraphy	HC	2	1		4	
4 -5	(i) World Civilizations	SC	2	1		4	
	(ii) Political Institutions of India	SC	2	1		4	
	(iii)Coins of Karnataka	SC	2	1		4	

**Semester-II**

Paper Code	Title of the Course	HC/SC OE	L	T	P	Credit.	Name of the Faculty
1	Historical Method	HC	2	1	1	4	
2	Heritage Tourism in India	HC	2	1	1	4	
3	Social Institutions of India	HC	2	1	1	4	
4	Indian Paleography South East Asia	SC	2	1	1	4	
5	History of Karnataka (from 975 A.D. to 1336)	OE	2	1	1	4	

**SEMESTER-III**

Paper	Title of the Course	HC/SC OE	L	T	P	Credit	Name of the Faculty
1	History of South India upto 1336 A.D.(with reference to Polity)	HC	2	1	1	4	
2	North Indian Art	HC	2	1	1	4	
3	PROJECT WORK (Compulsory) (to be continued in IV Semester)	HC	2	1	1	4	
4	Tourism in India Historical Archaeology of India	SC	2	1	1	4	
5	Chalukyas of Badami	OE	2	1	1	4	

**SEMESTER-IV**

Paper Code	Title of the Course	HC/SC OE	L	T	P	Credit	Name of the Faculty
1	2	3	4	5	6	7	8
1	Indian Prehistory	HC	2	1	1	4	
2	South Indian Art	HC	2	1	1	4	
3	PROJECT WORK (Compulsory) (to be continued in III Semester)	HC	2	1	1	4	
4	The Vijayanagara	OE	2	1	1	4	
5	(i) World Pre-History (ii) Hoysala Art and Architecture	SC	2	1	1	4	

Note: Students can select any one paper in Soft-core.

**Name of the Department: ANTHROPOLOGY**

**Course: M.A.**

**Course Coordinator: Prof.N.Ningaiah**

Semester: I

Paper Code	Title of the Course	HC/S C/ OE	L	T	P	Credit	Name of the faculty
	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	
6	Foundations In Anthropology	OE	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	
6	People and Cultures of India	OE	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	
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5	Anthropology of Disaster Management	SC	3	1	0	4	
6	Tribal Development in India	OE	3	1	0	4	

Name of the Department: ANTHROPOLOGY

Course: M.Sc.,

Course Coordinator: Prof.N.Ningaiyah

Semester: I

Paper Code	Title of the Course	HC/S C/ OE	L	T	P	Credit	Name of the faculty
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	
<b>SOFT CORE (ANY TWO)</b>							
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	
<b>Semester II</b>							
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	
<b>SOFT CORE (ANY ONE)</b>							
	Anthropological Theories - II	SC	3	1	0	4	
	Ethno Medicine	SC	3	1	0	4	
	Foundations in Anthropology	OE	3	1	0	4	
<b>Semester: III</b>							
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	
<b>SOFT CORE (ANY ONE)</b>							
4	Forensic Anthropology	SC	3	1	0	4	
5	Human Growth and Nutrition	SC	3	1	0	4	
6	Genetic Counselling	OE	3	1	0	4	
<b>Semester: IV</b>							
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	
<b>SOFT CORE (ANY ONE)</b>							

4	Molecular Anthropology	SC	3	1	0	4	
5	Anthropological Statistics	SC	3	1	0	4	
6	Sports Anthropology	OE	3	1	0	4	

**Name of the Department: Maharani's Science College, Mysore.**

**Course: MSc in Applied Zoology**

Course Coordinator:

Semester: I

Paper Code	Paper Title	Credits (L+P+T)	Total Credits
AZ1.1 (Hard Core 1)	Animal Systematic	L2+P1+T1	04
AZ1.2 (Hard Core 2)	Animal Physiology	L2+P1+T1	04
AZ1.3 (Hard Core 3)	Cell Biology and Genetics	L2+P1+T1	04
AZ1.4 (Hard Core 4)	Wildlife Biology and Conservation	L2+P0+T2	04
AZ1.5 (Soft Core 1)	1. Biostatistics 2. Evolution	L3+P0+T1	04

B.Sc., Honors – II Semester

Paper Code	Paper Title	Credits (L+P+T)	Total Credits
AZ2.1 (Hard Core 5)	Aquaculture and Fishery Technology	L2+P1+T1	04
AZ2.2 (Hard Core 6)	Apiculture and Vermiculture	L2+P1+T1	04
AZ2.3 (Soft Core 2)	1. Ethology 2. Applied Ecology	L3+P0+T1	04
AZ2.4 Open Elective 1	1. Economic Zoology 2. Parasitology 3. Ornithology	L3+P0+T1	04
AZ2.5 Project work	Minor Project	L0+P3+T1	04
Total Credits B.Sc., Honors			40

M.Sc., I Semester

Paper Code	Paper Title	Credits (L+P+T)	Total Credits
AZ3.1 (Hard Core 7)	Animal Husbandry	L2+P1+T1	04
AZ3.2 (Hard Core 8)	Animal Biotechnology	L2+P1+T1	04
AZ3.3 (Hard Core 9)	Sericulture	L2+P1+T1	04
AZ3.4 (Soft Core3)	1. Endocrinology 2. Reproductive Biology	L3+P0+T1	04
AZ3.5 Open Elective 2	Sericulture Technology	L3+P0+T1	04

M.Sc., II Semester

Paper Code	Paper Title	Credits (L+P+T)	Total Credits
AZ4.1 (Hard Core 10)	Zoo Management	L2+P0+T2	04
AZ4.2 (Soft Core 4)	1. Biodiversity 2. Vector Biology	L3+P0+T1	04
AZ4.3 Project work	Major Project	L0+P6+T2	08
Total Credits of M.Sc.,			36
Total Credit in B.Sc., Honors and M.Sc.,			<b>76</b>

**Name of the Department: BIOCHEMISTRY**

**Course: M.Sc**

**Course Coordinator: Prof. B.S.Vishwanath**

Semester: I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1	Biochemical techniques	HC	3	0	0	3	
2	Biomolecules	HC	3	0	0	3	
3	Experiments on Biomolecules and Seminars	HC	0	1	5	6	
4	Physico-chemical aspects of Biology	SC	4	0	0	4	
5	Nutrition and physiology	SC	4	0	0	4	
6	Concepts in Biometry and communication	SC	2	0	0	2	

Semester:II

1	Enzymology	HC	3	0	0	3	
2	Carbohydrate and lipid metabolism	HC	3	0	0	3	
3	Proteins and nucleic acid metabolism	HC	3	0	0	3	
4	Experimental methods and presentation in metabolism and enzymology	HC	0	1	5	6	
5	Plant biochemistry and bioenergetics	SC	4	0	0	4	
6	Clinical Biochemistry	SC	4	0	0	4	
7	Clinical research methods	SC	2	0	0	2	
8	Lipids and Health	OE	3	1	0	4	
Semester:III							
1	Membrane biology	HC	3	0	0	3	
2	Molecular biology	HC	3	0	0	3	
3	Experimental methods and presentation in molecular cell biology	HC	0	1	5	6	
4	Genomics, and gene regulation	SC	4	0	0	4	
5	Cells, proteins and proteomics	SC	2	0	0	2	
6	Hormones and cell signaling	SC	4	0	0	4	
7	Venom Pharmacology	OE	3	1	0	4	
8	Fitness Physiology	OE	3	1	0	4	
Semester:IV							
1	Immunology	HC	3	0	0	3	
2	Genetic engineering and biotechnology	HC	3	0	0	3	
3	Techniques in molecular biology	HC	0	0	3	3	
4	Project work and paper presentation	HC	0	1	3	4	
5	Genetics and evolution	SC	4	0	0	4	
6	Biostatistics and research methodology	SC	2	0	0	2	
7	Behavioral biology and ecology	SC	4	0	0	4	
8	Clinical Diagnosis in health and disease	OE	3	1	0	4	

**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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
<b>SOFTCORE (Choose any ONE from the below listed)</b>							
	Enzymology and Metabolism	SC	3	1	0	4	
	Cancer Biology	SC	3	1	0	4	

**Semester: II**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
<b>SOFTCORE (Choose any ONE from the below listed)</b>							
	Molecular Marker Technology	SC	3	1	0	4	
	Molecular Genetics	SC	3	1	0	4	
	Applied Biotechnology	OE	3	1	0	4	

**Semester: III**

Paper Code	Title of the Course	HC/SC/E	L	T	P	Credit	Name of the faculty
	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	
	Select one from List of Elective Papers	OE	2	1	1	4	

**Semester: IV**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	Plant Biotechnology	HC	2	1	1	4	
	Animal Biotechnology	HC	2	1	1	4	
	Project work	Pr	0	0	0	8	

**Name of the Department: BOTANY**

**Course: M.Sc.,**

**Course Coordinator: Prof.G.R.Janardhana**

**Semester: I**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1.1	Microbiology and Plant Pathology-Theory & Practical	HC	2	1	1	4	
1.2	Algae, Bryophytes, Pteridophytes and Gymnosperms-Theory & Practical	HC	2	1	1	4	
1.3	Taxonomy of Angiosperms and Economic Botany – Theory & Practical + Field Study/Tour	HC	2	1	3	6	
1.1	Any <b>TWO</b> of the Soft Core subjects to be selected by the candidate 1) Mycology 2) Phycology 3) Plant Pathology	SC	2	1	1	4	
1.2		SC	2	1	1	4	

**Semester: II**

2.1	Reproductive Biology of Angiosperms and Plant Morphogenesis-Theory & Practical	HC	2	1	1	4	
2.2	Genetics, Plant Breeding and Evolutionary Biology – Theory & Practicals	HC	2	1	1	4	
2.1	Any <b>TWO</b> of the Soft Core subjects to be selected by the Candidate 1) Plant Anatomy & Histochemistry 2) Ethnobotany and IPR 3) Economic Botany	SC	2	1	1	4	
2.2		SC	2	1	1	4	
2	Plant Diversity and Human Welfare-Theory & Practical	OE	2	1	1	4	

**Semester: III**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
3.1	Plant Physiology and Biochemistry Theory & Practical	HC	2	1	1	4	
3.2	Molecular Biology- Theory & Practical	HC	2	1	1	4	
3.1	Any <b>TWO</b> of the Soft Core subjects to be selected by the Candidate 1) Plant Molecular Genetics 2) Evolutionary Biology 3) Plant Biotechnology	SC	2	0	1	3	
3.2		SC	2	0	1	3	
3	Plant Propagation Techniques – Theory & Practicals	OE	2	1	1	4	

**Semester: IV**

4.1	Ecology, Conservation Biology and Phytogeography- Theory & Practical	HC	2	1	1	4	
4.2	Project Work	HC				8	

4.1	Any ONE of the Soft Core subjects to be selected by the Candidate 1) Molecular Plant Pathology 2) Biodiversity and Conservation Biology 3) Seed Technology 4) Plant Genetic Engineering	SC	2	1	1	4	
4	Plant Biotechnology <b>OR</b> Medicinal Botany	OE	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
13	Fundamentals of Isolation, Separation, Purification and Characterization Techniques	OE	2	0	0	2	
14	Basic Principles of Chemistry	OE	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	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	
11	Separation Techniques of Biochemistry and Biology	OE	2	0	0	2	
12	Biological Inorganic Chemistry	OE	2	0	0	2	
13	Basic Concepts in Organic Chemistry	OE	2	0	0	2	
14	General Aspects of Physical Chemistry	OE	2	0	0	2	

\***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	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	
11	Separation Techniques of Biochemistry and Biology	OE <sup>a</sup>	2	0	0	2	
12	Biological Inorganic Chemistry	OE <sup>a</sup>	2	0	0	2	
13	Basic Concepts in Organic Chemistry	OE <sup>a</sup>	2	0	0	2	
14	General Aspects of Physical Chemistry	OE <sup>a</sup>	2	0	0	2	
15	Dissertation	-	4	0	0	4	

<sup>a</sup>**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.

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

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1.1	Advanced separation techniques	HC	3	0	0	3	
1.2	Principles of Inorganic Chemistry	HC	3	0	0	3	
1.3	Stereochemistry & Reaction mechanism	HC	3	0	0	3	
1.4	Principles of Physical Chemistry	HC	3	0	0	3	
1.5	Analytical Chemistry Practical	HC	0	0	3	3	
1.6	Inorganic Chemistry Practical	HC	0	0	3	3	
<b>Soft Core Papers (any One)</b>							
1.71	Peptides & Nucleic acids	SC	2	0	0	2	
1.72	Carbohydrates & Vitamins	SC	2	0	0	2	
1.73	Steroids and alkaloids	SC	2	0	0	2	

Semester II

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
2.1	Spectroscopy	HC	2	2	0	3	
2.2	Reagents and Synthesis	HC	3	0	0	3	
2.3	Synthetic Organic Chemistry	HC	3	0	0	3	
2.4	Organometallics and nonmetalligcs	HC	3	0	0	3	
2.5	Organic Chemistry Practical	HC	0	0	3	3	
2.6	Physical Chemistry Practicals	HC	0	0	3	3	
<b>Soft Core Papers (any One)</b>							
2.71	Bioanalytical Chemistry	SC	2	0	0	2	

2.72	Bio-Inorganic Chemistry	SC	2	0	0	2	
2.73	Bio-Organic Chemistry	SC	2	0	0	2	
2.74	Bio-Physical Chemistry	SC	2	0	0	2	
<b>Open Electives</b>							
2.81	Basic concepts in organic chemistry	OE	2	0	0	2	
2.82	Life style chemicals	OE	2	0	0	2	

Semester III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
3.1	Molecular rearrangements and Heterocyclic chemistry	HC	3	0	0	3	
3.2	Bonding, Photochemistry & Pericyclic reactions	HC	3	0	0	3	
3.3	Organic chemistry practicals – Multistep synthesis	HC	0	0	3	3	
<b>Soft Core Papers (any two)</b>							
3.41	Organic Chemistry Practical – Isolation of natural products	SC	0	0	3	3	
3.42	Lipids, Porphyrins, anthocyanins and flavonoids	SC	2	1	0	3	
3.43	Polymer chemistry	SC	2	1	0	3	
<b>Open Electives</b>							
3.51	Role of chemistry in animal health and growth	OE	2	0	0	2	
3.52	Chemistry of natural products	OE	2	0	0	2	

Semester IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
4.1	Medicinal Chemistry I	HC	3	0	0	3	
4.2	Dissertation	HC	0	0	4	4	
<b>Soft Core Papers (any two)</b>							
4.31	Organic Chemistry Practical - Estimation	SC	0	0	3	3	
4.32	Medicinal Chemistry-II	SC	2	1	0	3	
4.33	Dyes & Insecticides	HC	2	1	0	3	
<b>Open Electives</b>							
4.41	Application of synthetic products	OE	2	0	0	2	
4.42	Chemistry of soil and fertilizers	OE	2	0	0	2	

**Name of the Department: COMMERCE**

**Course: M.Com.**

**Course Coordinator: Dr. B.Mahadevappa**

Semester: I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Retail Banking	OE	3	1	0	4	

Semester: III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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					
	Personal Financial Planning	OE	3	1	0	4	

Semester: IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Financial Accounting	OE	3	1	0	4	

**Course: M.F.M.**

**Course Coordinator: Dr. B.Mahadevappa**

Semester: I

Paper Code	Title of the Course	HC/SC/E/Pr./etc.	L	T	P	Credit	Name of the faculty
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Retail Banking	OE	3	1	0	4	

Semester: III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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					
	Personal Financial Planning	OE	3	1	0	4	

Semester: IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Financial Accounting	OE	3	1	0	4	

**Course:M.B.I(TECH)**

**Course Coordinator: Dr.B.Mahadevappa**

Semester: I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Retail Banking	OE	3	1	0	4	

Semester: III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	

	Personal Financial Planning	OE	3	1	0	4	
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Semester: IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Financial Accounting	OE	3	1	0	4	

**Name of the Department: CMMUNICATION AND JOURNALISM**

**Course: MCJ**

**Course Coordinator: Dr.Niranjana.**

Semester: I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	0	3	4	

Semester: II

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
2.1	Basics of Radio and TV Production	HC	1	0	3	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	3	1	0	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	
2.1	Communication Skills	OE	2	0	0	2	
2.2	Public Relations	OE	2	0	0	2	

Semester: III

Paper Code	Title of the Course	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	Dr. CK Puttaswamy
3.7	Political Communication	SC	4	0	0	4	
3.1	Media and Social Concerns	OE	2	0	0	2	
3.2	Marketing Communication	OE	2	0	0	2	

Semester: IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
4.1	Media and Environment	OE	1	1	0	2	
4.2	Kannada Press	SC	2	0	0	2	

**Name of the Department: Criminology and Forensic Science, Maharaja's College, Mysore.**

**Course: M.Sc**

**Course Coordinator: Prof. Limbya Naik L**

**Semester: I**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1	Criminalities	HC	3	1	0	4	
2	Forensic Medicine	HC	3	1	0	4	
3	Practical Criminalistics and Forensic Medicine	HC	0	0	4	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	Advanced Criminalistics	HC	2	1	1	4	
2	Forensic Prints and Impressions	HC	2	1	1	4	
3	Cyber Crime and Forensics	SC	3	1	0	4	
4	Criminal Major Acts	SC	3	1	0	4	
5	Researches in Criminology and Forensic Science	SC	0	2	2	4	
6	Forensic Science	OE	2	0	0	2	
7	Forensic Medicine and Toxicology	OE	2	0	0	2	

**Semester: III**

1	Police Administration	HC	3	1	0	4	
2	Research methodology and Statistical Methods	HC	3	1	0	4	
3	Term Work(Institutional Vistis, Study Tour and Block Placement)	HC	0	2	4	6	
4	Correctional Administration	SC	3	1	0	4	
5	Forensic Toxicology	SC	3	1	0	4	
6	Cyber Crime and Cyber Law	OE	2	0	0	2	
7	Police Organisation	OE	2	0	0	2	

**Semester: IV**

1	Security and Vigilance	HC	3	1	0	4	
2	Term Work(Dissertation)	HC	0	3	9	12	
3	Advanced Police Science	SC	2	0	0	2	
4	Forensic Psychology	SC	2	0	0	2	
5	Forensic Document Examination	SC	1	0	1	2	
6	Law of Prints and Impressions	OE	2	0	0	2	
7	Advanced Forensic Science	OE	2	0	0	2	

**Name of the Department: ECONOMICS AND COOPERATION**

**Course: M.A. ECONOMICS**

**Course Coordinator: Prof.D.S.Leelavathi**

**Semester I**

Paper Code	Title of the Course	HC/SC / OE	L	T	P	Credit	Name of the faculty
1	Advanced Micro Economics	HC	3	1	0	4	
2	Advanced Macro Economics	HC	3	1	0	4	
3	Mathematics and Statistics for Economists	HC	3	1	0	4	
4	Indian Economy	HC	3	1	0	4	
<b>Soft Core(any two)</b>							
5	Banking and Finance	SC	2	1	0	3	
5	Economics of Health	SC	2	1	0	3	
5	Agricultural Economics I	SC	2	1	0	3	
5	Labor Economics I	SC	2	1	0	3	
<b>Semester : II</b>							
1	Development Economics	HC	3	1	0	4	
2	Public Economics	HC	2	2	0	3	
3	Monetary Economics	HC	2	2	0	3	
<b>Soft Core(any two)</b>							
4	Management Accounting	SC	2	1	0	3	
4	Research Methodology		2	1	0	3	
4	Agricultural Economics II	SC	2	1	0	3	
4	Labor Economics II	SC	2	1	0	3	
5	Indian Economy	OE	1	1	0	3	
<b>Semester: III</b>							
	Methodology and Data analysis	HC	2	1	0	3	
	International Trade - Theory and Policy	HC	3	1	0	4	
	Theory of Econometrics	HC	3	1	0	4	
<b>Soft Core(any two)</b>							
	Infrastructural Economics I	SC	2	1	0	3	
	Gender Economics – I	SC	2	1	0	3	
	Environmental Economics I	SC	2	1	0	3	
	Rural Development in India	OE	3	1	0	4	
<b>Semester: IV</b>							
	International Finance & Business	HC	2	1	0	3	
	Managerial Economics	HC	2	1	0	3	
	Welfare Economics	HC	2	1	0	3	
	Major Project continued from IIISem.(term Project)	HC				4	
<b>Soft Core(any two)</b>							
	Infrastructural Economics II	SC	2	1	0	3	
	Gender Economics – II	SC	2	1	0	3	
	Environmental Economics II	SC	2	1	0	3	
	Applied Econometrics	SC	2	1	0	3	
	Computer Applications	SC	2	1	0	3	

**Name of the Department: Economics & Cooperation, MGM.**

**Course: MA in Cooperation**

**Course Coordinator: Prof.D.S.Leelavathi**

Paper Code	Title of the Course	HC/SC/ OE	L	T	P	Credit	Name of the faculty
1	Economic Analysis	HC	3	1	0	4	

2	Business Mathematics	HC	3	1	0	4	
3	Theory of Co-operation	HC	3	1	0	4	
4	Co-operative Movement in India	HC	3	1	0	4	
<b>Soft Core (any two)</b>							
5	Third Sector and the Economy	SC	2	1	0	3	
5	Rural Development and Panchayat Raj	SC	2	1	0	3	
5	Agricultural Economics	SC	2	1	0	3	
<b>Semester: II</b>							
1	Cooperative Management	HC	3	1	0	4	
2	Management of Credit cooperatives	HC	3	1	0	4	
3	Cooperative Law	HC	3	1	0	4	
<b>Soft Core (any two)</b>							
4	Business Statistics	SC	2	1	0	3	
4	Managerial Economics	SC	2	1	0	3	
4	Indian Economy	SC	2	1	0	3	
5	Cooperative Management	OE	3	1	0	4	
<b>Semester: III</b>							
1	Cooperative 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	
<b>Soft Core (any two)</b>							
4	Human Resource Management	SC	2	1	0	3	
4	Cooperation and Rural development	SC	2	1	0	3	
4	Cooperative Governance	SC	2	1	0	3	
5	Cooperative Banking	OE	3	1	0	4	
<b>Semester: IV</b>							
1	Financial Management of Cooperatives	HC	3	1	0	4	
2	Cooperative Auditing	HC	2	1	0	3	
3	Computer - Tally	HC	3	1	0	4	
<b>Soft Core (any two)</b>							
4	Management Information	SC	2	1	0	3	

	System						
4	Comparative Cooperative Systems of Selected Countries	SC	2	1	0	3	
4	Management of Dairy Cooperatives	SC	2	1	0	3	
5	Institution for Rural Development	OE	3	1	0	4	

Name of the Department: **ECONOMICS** Sir M.V.PG Centre, Mandya

Course: MA

Course Coordinator:

*I & II Semester*

Paper Code	HC/SC/E/OE Pr./etc	Subject	L	T	Total Credits	Name of the Faculty
A-1	HC	Advanced Micro Economics	3	1	4	
A-2	HC	Advanced Macro Economics	3	1	4	
A-3	HC	Mathematics and Statistics for Economists	2	2	4	
A-4	HOC	Development Economics	3	1	4	
A-5	HC	Indian Economics	3	1	4	
A-6	HC	Managerial Economics	2	1	3	
A-7	HC	International Trade and Politics	2	1	3	
A-8	HC	Research Methodology	2	1	3	

B-1	SC	Banking and Finance	2	1	3	
B-2	SC	Economics of Health	2	1	3	
C-1	E	Management Accounting	3	1	4	

Open Electives

Paper Code	HC/SC/E/OE Pr./etc	Subject	Credits		Total Credits	Name of the Faculty
			L	T		
	OE	Indian Economy	01	01	03	
	OE	Rural Development in India	01	02	03	

**Name of the Department: RIE Mysore**

**Course: M.Ed. (RIEM)**

Course Coordinator:

Semester: I

Paper Code	Title of the Course	HC/SC/E/Pr./etc.	L	T	P	Credit	Name of the faculty
	Perspectives on Education	HC				3	
	Psychological Foundations of Education-I	HC				3	
	Methodology of Educational Research	HC				3	
	Statistical Methods for Data Analysis	HC				3	
	Elementary Education	SC				4+4	
	Teacher Education	SC				4+4	
	Curriculum Studies	SC				4+4	
	Guidance and Counseling	SC				4+4	
	Inclusive Education	SC				4+4	
	Educational Technology & ICT in Education	SC				4+4	
	Language Education	SC				4+4	
	Dissertation Proposal	D				2	

Name of the Department: AIIISH

Course: M.S.Ed (HI)

Semester: I

Paper Code	Title of the Course	HC/SC/E/Pr./etc.	L	T	P	Credit	Name of the faculty
	Advanced Educational Psychology I	HC	2	2	0	3	
	Educational Thoughts and Practices	HC	2	2	0	3	
	Research Methodology and Data Analysis I	HC	2	2	0	3	
	Audiological Intervention for Children with Hearing Impairment	SC	2	0	2	3	
	Special Intervention Services for Children with Hearing	SC	2	0	2	3	

	Impairment						
	Education Practicum I: Evaluation & Intervention	Pr	0	0	4	1	
	Dissertation Proposal	D	0	0	0	2	
	Early Identification and Management of Children with Hearing Impairment OR Inclusive Education for Children with Communication Disorders	DCE	2	0	0	2	

Semester: li

Paper Code	Title of the Course	HC/SC/E/Pr,/ etc.	L	T	P	Credit	Name of the faculty
	Advanced Educational Psychology II	HC				3	
	Education – System, Policies and Programmes	HC				3	
	Research Methodology and Data Analysis II	HC				3	
	Management of Communication Skills	SC				3	
	Organisation of Programmes for Individuals with Hearing Impairment	SC				3	
	Education Practicum II: Evaluation & Intervention	Pr	0	0	1	1	
	Teacher Education Practicum	Pr	0	0	2	2	
	Dissertation Report and Viva	D				4	

Name of the Department: AIISH

Course: PG Diploma in Clinical Linguistics for Speech – Language Pathology

Semester: I

Paper Code	Title of the Course	HC/SC/E/Pr,/ etc.	L	T	P	Credit	Name of the faculty
	Fundamental of Clinical Linguistics	HC	3	1	0	4	
	Readings in Psycho and Neuro Linguistics	HC	3	1	0	4	
	Multilingualism in Indian Context	HC	3	1	0	4	
	Research Methods and statistics	SC	3	1	0	4	

Semester: II

Paper Code	Title of the Course	HC/SC/E/Pr,/ etc.	L	T	P	Credit	Name of the faculty
	Linguistic analysis and child language disorders	HC	3	1	0	4	
	Linguistic analysis and Adult language disorders	HC	3	1	0	4	
	Clinical Practicals	Pr	0	6	0	6	
	Independent Project	P	2	4	0	6	
	Computers or  Speech Sciences	OE	2	1	1	4	

Name of the Department: AIISH  
 Course: PG Diploma in Neuro - Audiology

Semester: I

Paper Code	Title of the Course	HC/SC/E/Pr,/ etc.	L	T	P	Credit	Name of the faculty
	Anatomy and Physiology of the Auditory and Vestibular system	SC	2	0	2	4	
	Overview of the Behavioral Assessment of ANS	SC	2	0	2	4	
	Behavioral Assessment of the auditory system - Observation	HC	0	0	5	5	
	Evaluation of Auditory Processing – Observation	HC	0	0	5	5	
	Open Electives	DCE	0	0	2	2	

Semester: II

Paper Code	Title of the Course	HC/SC/E/Pr,/ etc.	L	T	P	Credit	Name of the faculty
	Psychological tests of the Auditory Nervous system	HC	3	0	2	5	
	Disorders and functional correlates of the Auditory and vestibular systems	HC	3	0	2	5	
	Psychological and electrophysiological assessment of the Auditory system - Observation	HC	0	0	5	5	
	Project	P	0	0	5	5	

Name of the Department: AIISH  
 Course: M.Sc. in Audiology

S. No.	Paper No.	Credit L:T:P:C	Credits	Total Credits	No. of Hrs (Hr x Cr = Hr)	No. of Hrs/wk	Total hrs/Wk	HC/SC /OE	Title of the paper
I	1.1	2:0.5:0.5:0	3	20	L=1x2=2 T=2x0.5=1 P=2x0.5=1	4	40	HC	Research methods and Statistics in Speech-Language & Hearing
	1.2	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Auditory Physiology
	1.3	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Basics in Auditory Perception
	1.4	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Physiological Assessment of the Auditory System
	1.5	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		SC	Technology for Speech-Language & Hearing OR Clinical Counseling OR Speech Production OR Diseases of the ear and auditory pathway
	1.6*	0:0:0:4	4		C=4x4=16^	16		HCC	Clinical Practicum I
	1.7*	0:0:0:1	1		C=4x1=4^	4		SCC	Clinical Practicum II
II	2.1	2:0.5:0.5:0	3	20	L=1x2=2 T=2x0.5=1 P=2x0.5=1	4	39	HC	Neurophysiology of Hearing
	2.2	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Psychophysics of Audition
	2.3	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Electrophysiological Assessment of the Auditory System
	2.4	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		SC	Vestibular system: assessment & management OR Clinical Neuropsychology OR Clinical Behaviour Analysis
	2.5	(3 credits)	3			3		OE	
	2.6*	0:0:0:4	4		C=4x4=16^	16		HCC	Clinical Practicum I
	2.7*	0:0:0:1	1		C=4x1=4^	4		SCC	Clinical Practicum II

S. No.	Paper No.	Credit L:T:P:C	Credits	Total Credits	No. of Hrs (Hr x Cr = Hr)	No. of Hrs/wk	Total hrs/Wk	HC/SC /OE	Title of the paper
	3.1	2:0.5:0.5:0	3		L=1x2=2	4		HC	Psychophysics of

III				20	T=2x0.5=1 P=2x0.5=1		40		Audition in hearing impaired
	3.2	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Implantable Devices for individuals with hearing impairment
	3.3	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Speech Perception
	3.4	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Seminars in assessment of hearing impairment
	3.5	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Seminars in Rehabilitative Audiology
	3.6*	0:0:0:4	4		C=4x4=16^	16		HCC	Clinical Practicum III
	3.7	D	1		D=4x1=4^	4		HC	Dissertation
IV	4.1	2:0.5:0.5:0	3	20	L=1x2=2 T=2x0.5=1 P=2x0.5=1	4	38	HC	Assessment and Management of Central Auditory Processing Disorders
	4.2	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Audiology in Practice
	4.3	2:0.5:0.5:0	3		L=1x2=2 T=2x0.5=1 P=2x0.5=1	4		HC	Speech Perception in Clinical Population
	4.4*	0:0:0:4	4		C=4x4=16^	16		HCC	Clinical Practicum III
	4.5*	0:0:0:1	1		C=4x1=4^	4		SCC	Clinical Practicum IV
	4.6	D	6		D=1x6=6	6		HC	Dissertation
					80				

\*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.

^ One hour each would be used for Clinical Conference /Journal Club

HCC: Hard core clinical; SCC: Soft core clinical: Examination of ear with different pathology, LD evaluation and therapy, Clinical Counseling, repair of hearing devices, Neuropsychological evaluation speech synthesis.

Please note:-

L: One hour of lecture = 1 credit

T: Two hours of tutorials = 1 credit

P: Two hours of practicals = 1 credit

C: Four hours of clinical practicum = 1 credit

Name of the Department: AIISH

Course: M.Sc. in Speech Language Pathology

Sem.	Paper No.	Credit L:T:P:C	Total Credits	No. of Hrs (Hr x Cr)	Credits	No. of Hrs/wk	Total hrs/Wk	HC/SC /OE	Title of the paper
I	1.1	2:0.5:0.5:0	20	L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4	40	HC	Neurobiology of speech and language
	1.2	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Language, Cognition and Brain
	1.3	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Speech Production
	1.4	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Clinical Linguistics & Multilingual Issues in Communication
	1.5	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		SC	Technology for speech language and hearing/ assessment and management of CAPD/
	1.6*	0:0:0:4		C=4x4=16	4	15+1^		HCC	Clinical Practicum I
	1.7*	0:0:0:1		C=4x1=4	1	3+1^		SCC	Clinical Practicum II
II	2.1	2:0.5:0.5:0	20	L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4	39	HC	Research methods & Statistics in Speech-Language & Hearing
	2.2	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Maxillofacial anomalies and phonological disorders
	2.3	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Child Language Disorders
	2.4	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		SC	Clinical Neuropsychology/Clinical Counseling/ Clinical Behavior analysis/Endoscopic evaluation of benign lesions of the larynx
	2.5	(3 credits)			3	3		OE	Any paper offered by the UOM
	2.6*	0:0:0:4		C=4x4=16	4	15+1^		HCC	Clinical Practicum I
	2.7*	0:0:0:1		C=4x1=4	1	3+1^		SCC	Clinical Practicum II

Sem	Paper No.	Credit L:T:P:C	Total Credits	No. of Hrs (Hr x Cr)	Credits	No. of Hrs/wk	Total hrs/Wk	HC/SC /OE	Title of the paper
III	3.1	2:0.5:0.5:0	20	L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4	40	HC	Fluency and its Disorders
	3.2	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Speech and Language Processing
	3.3	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Aphasia
	3.4	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Voice and its Disorders
	3.5	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1	3	4		HC	Motor speech disorders
	3.6*	0:0:0:4		C=4x4=16	4	15+1^		HCC	Clinical Practicum I
	3.7	0:0:0		D=4x1=4	1	3+1^		HC	Dissertation
IV	4.1	2:0.5:0.5:0	20	L=1x2=2 T=1x0.5=1 P=1x0.5=1		4	38	HC	Adult Language disorders
	4.2	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1		4		HC	Augmentative and Alternative Communication
	4.3	2:0.5:0.5:0		L=1x2=2 T=1x0.5=1 P=1x0.5=1		4		HC	Suprasegmentals & Music acoustics
	4.4*	0:0:0:4:0		C=4x4=16		15+1^		HCC	Clinical Practicum I
	4.5*	0:0:0:1		C=4x1=4		3+1^		SCC	Clinical Practicum II
	4.6	0:0:0		D=1x6=6		6		HC	Dissertation
	Total credits			80					

\*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.

^ One hour each would be used for Clinical Conference /Journal Club

HCC: Hard core clinical; SCC: Soft core clinical: Counseling & guidance, Neuropsychological evaluation, Clinical Behavioural analysis, clinical management of carcinoma of larynx.

Note:-

L: One hour of lecture = 1 credit

T: Two hours of tutorials = 1 credit

P: Two hours of practicals = 1 credit

C: Four hours of clinical practicum = 1 credit

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

Paper Code	Title of the Course	HC/SC/ E/Pr./ etc.	L	T	P	Cr edi t	Name of the faculty
	English Literature from Chaucer to Milton; Drama from Marlowe to Johnson	HC	3	1	0	4	
	Restoration and 18 <sup>th</sup> century English Literature; Literary Criticism part-I	HC	3	1	0	4	
	Cross Cultural Women Writers Caribbean Literature	SC	2	2	0	4	
	Indian Classics in Translation Indian Thought	SC	3	1	0	4	
	Introduction to Australian Literature Feminist Theory-I South Asian Immigrant Literature in Canada Introduction to Canadian Literature	SC	3	1	0	4	
	Dalit Literature-I Recent Indian Poetry in English Dalit Literature-II Women writings from the Margins	SC	3	1	0	4	
	English Essayists Humour in Indian Writing in English Post 1990 Indian Women Narratives Indian Novels in English: 2000 and after	SC	3	1	0	4	
	History Fiction Interface in Indian Fiction in English Twentieth Century Indian Poets in English Contemporary Indian Regional Poetry in English Translation Realism and Fiction	SC	3	1	0	4	
	Indian Women Novelists African Fiction in English Jewish American Fiction	SC	3	1	0	4	
	PROJECT WORK	Pr				4	
	Course in Written and spoken English, An Introduction to English Literature	OE	3	1	0	4	

**Semester II**

Paper Code	Title of the Course	HC/SC/ E/Pr./ etc.	L	T	P	Cre dit	Name of the faculty
	Nineteenth Century English Literature (Poetry and Drama)	HC	3	1	0	4	
	Indian Writing in English (Part-I) and Literary Criticism Part-I	HC	3	1	0	4	

**Semester III & IV**

Paper Code	Title of the Course	HC/SC/ E/Pr./ etc.	L	T	P	Cr edi t	Name of the faculty
	Poetry from W.B. Yeats to Ezra Pound ; Drama from Aeschylus	HC	3	1	0	4	

	to Chekhov						
	American Literature; New Literatures in English	HC	3	1	0	4	
	European Classics ;	HC	3	1	0	4	
	Indian Writing in English-II	HC	3	1	0	4	
	Folklore & Literature I Folklore & Drama-I Myth and Drama-I Myth and Drama-II	SC	3	1	0	4	
	Cultural Theory Canada and the world Feminist Theory-2 Australian Poetry	SC	3	1	0	4	
	Folk Epics of Karnataka Postcolonial Theory Writers from the African Diaspora	SC	3	1	0	4	
	Travel Writing Canadian Science Fiction by Women Theories on Culture: An Introduction Postcolonial Criticism	SC	3	1	0	4	
	Travel Literature Popular Culture and Censorship Adventure Novels Novels and the Metropolis	SC	3	1	0	4	
	Short Fictions of Russia and USA Contemporary Indian Novels in English Regional Short Fictions in English Translation	SC	3	1	0	4	
	Novels of Childhood Hybrid Muse and Fiction	SC	3	1	0	4	
	PROJECT WORK	Pr				4	

**Name of the Department: School of Foreign Languages**  
**Course coordinator: K Ravindranath Rai**

The following Open Elective courses are offered by School of Foreign Languages for III and IV Semester students of all Post Graduate Courses.

**Semester III**

**FRENCH**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Cr edit	Name of the faculty
1	French for Communication Level-I	OE	3	1	0	4	

**Semester III**

**GERMAN**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Cr edit	Name of the faculty

1	Communicative German for Beginners – Level A I / I	OE	2	1	1	4	
2	Scientific German for Beginners – Level A I / I	OE	2	1	1	4	

#### Semester IV

#### GERMAN

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Cr edit	Name of the faculty
1	Communicative German for Beginners – Level A I / 2*	OE	2	1	1	4	
	Scientific German for Beginners – Level A I / 2**	OE	2	1	1	4	
	Communicative German for Beginners – Level A I / I	OE	2	1	1	4	
	Scientific German for Beginners – Level A I / I	OE	2	1	1	4	

\*Those who have successfully completed communicative German for Beginners A 1/1 are eligible to join level A 1 /2.

\*\* Those who have successfully completed Scientific German for Beginners A 1/1 are eligible to join Level A ½.

#### Semester IV

#### FRENCH

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Cr edit	Name of the faculty
1	French for Communication Level-I	OE	3	1	0	4	
2	French for Communication Level – II *	OE	3	1	0	4	

\* Those who have completed French for Communication Level – I are eligible to join French for Communication Level - II

**Name of the Department : EDUCATION**

**Course: M.ED**

**Co-ordinator: Dr.G.Sheela**

**SEMESTER: I**

<b>TITLE OF THE COURSE</b>	<b>HC/SC/E/PR,ETC.</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>	<b>NAME OF THE FACULTY</b>
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	
Education : Assessment and Evaluation	OE	3	1	0	4	
Personality Development and Communication Skills	OE	3	1	0	4	

## SEMESTER : II

TITLE OF THE COURSE	HC/SC/E/PR,ETC.	L	T	P	CREDIT	NAME OF THE FACULTY
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	
Higher Education	OE	3	1	0	4	
Peace Education	OE	3	1	0	4	
Life Long Education	OE	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	<b>Any two papers:</b>						
	1. Energy and Green Technologies	SC-1	2	1	1	4	
	2. Water and Waste Water Management	SC-2	2	1	1	4	
	3. Environmental Biotechnology	SC-3	2	1	1	4	
Semester: II							
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 Environmental Impact Assessment and Environmental Audit	SC SC	2 3	1 1	1 0	4 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 Management	SC SC	3 3	1 1	0 0	4 4	
4	Open Elective*	OE	3	1	0	4	

Open Elective Papers\*

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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 offered 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	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
	<b>To choose 4 out of 8 credits</b>						
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		2	-	-	2	
<b>II Semester</b>							
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	
<b>To choose 4 out of 10 credits</b>							
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	
10	Healthy Life style and Nutrition	OE	2	0	0	2	
<b>III Semester</b>							
1	Food Preservation	HC	2	1	2	5	
2	Functional properties of foods	HC	2	3	0	5	
<b>To choose 6 out of 14 credits</b>							
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	
9	Culinary Science – Principles and Techniques	OE	2	-	4	6	
<b>IV Semester</b>							
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	
7	Foods in Indian Tradition	OE	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Basic Genetics	OE	3	1	0	4	

Any one of the two softcore courses can be opted by the M.Sc.Genetics students.

## Semester: III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Drosophila Genetics	OE	3	1	0	4	

Any one of the two softcore courses can be opted by the M.Sc.Genetics students.

## Semester: IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
	Applied genetics	OE	3	1	0	4	

Any one of the two softcore courses can be opted by the M.Sc.Genetics students.

**Name of the Department: GEOGRAPHY**

**Course: MSc**

**Course Coordinator: Dr.B.N.Shivalingappa**

## Semester: I

Paper Code	Title of the course	HC/S C/OE	L	T	P	Credit	Name of the faculty
	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	HC/S C/OE	L	T	P	Credit	Name of the faculty
	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	HC/S C/OE	L	T	P	Credit	Name of the faculty
	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	SC	2	1	0	3	

	Assessment						
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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 selected	To be		
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**

**Semester: I**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1.	Fundamentals of Geographical Information Systems and Global Positioning Systems	SC	3	1	0	4	
2.	Manual and cyber cartography	HC	3	1	0	4	
3.	Maps and Mapping Techniques	HC	0	1	3	4	
4.	Computer Applications in Geography	SC	3	1	0	4	
5.	Applied Geomorphology	SC	3	1	0	4	
6.	Land Use and Land Evaluation	SC	3	1	0	4	

Among the two Soft Core courses, students have the option to choose any two of the three Soft Core Courses.

**Semester: II**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	Remote Sensing Analysis and Interpretation	HC	3	1	0	4	
	Advancing Remote Sensing Analysis	HC	0	1	3	4	
	Minor Project (Compulsory)	HC	0	1	2	3	
	Geography of Networks Analysis	SC	3	1	0	4	
	Qualitative and Quantitative research Methods	SC	3	1	0	4	
	Participatory Urban Planning and Development	SCI	3	1	0	4	
	Fundamentals of GIS	OE	3	1	0	4	

Among the three soft cores, students have the option to choose any two.

**Semester: III**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1.	Geographical Information Systems and Global Positioning	HC	3	1	0	4	
2.	Climate Change and Geo informatics	HC	2	1	1	4	
3.	Advanced GIS and GPS Applications	HC	0	1	2	3	
4.	Natural Resources Management and Conservation	SC	3	1	0	4	
5.	Developing Sustainability Research	SC	3	1	0	4	
6.	Research methodology for a Sustainable Development Expert	OE	3	1	0	4	

Among the three soft cores, students have the option to choose any two.

**Semester: IV**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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1.	Internship- Compulsory for 8 weeks at an appropriate Government or private corporate institution	HC		1	3	4	
2.	Project-(one term Major Research)	HC		1	5	6	
3.	ECOTOURISM	OE	3	1		4	

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

#### FIRST SEMESTER

Code	Title of the Course	HC/SC/OE	L	T	P	Credits	Name of the Faculty
	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	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						Credits	
	Advanced 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	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	
	Physical Geology	OE	2	0	0	2	
	Basics of Nano Technology	OE	2	0	0	2	
	Minerals and Rocks	OE	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	
	Applied Nanotechnology	OE	2	0	0	2	
	Geohazards and Mitigation Methods	OE	2	0	0	2	
	Historical Geology	OE	2	0	0	2	

#### FOURTH SEMESTER

Code						Credits	
	Geochemistry and Thermodynamics	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	OE	1	1	0	2	
	Mineral Resources of India	OE	2	0	0	2	
	Gemology and Decorative stones	OE	1	1	0	2	
	Ground water exploration	OE	2	0	0	2	

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

**Name of the Department: Earth Science**

**Course: MSc in GEOLOGY**

**Course coordinator: Prof.B.Basavalingu**

#### FIRST SEMESTER

Code		HC/SC/OE	L	T	P	Credits	Name of the Faculty
	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	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	

	---- Nil ---	OE					
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### 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	
	Physical Geology	OE	2	0	0	2	
	Basics of Nano Technology	OE	2	0	0	2	
	Minerals and Rocks	OE	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	
	Applied Nanotechnology	OE	2	0	0	2	
	Geohazards and Mitigation Methods	OE	2	0	0	2	
	Historical Geology	OE	2	0	0	2	

### FOURTH SEMESTER

Code						Credits	
	Hydrogeology	HC	2	0	2	4	
	Remote Sensing and GIS	HC	2	0	2	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	OE	1	1	0	2	
	Mineral Resources of India	OE	2	0	0	2	
	Gemology and Decorative stones	OE	1	1	0	2	
	Ground water exploration	OE	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		HC/SC/OE	L	T	P	Credits	Name of the Faculty
	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			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	
	Physical Geology	OE	2	0	0	2	
	Basics of Nano Technology	OE	2	0	0	2	
	Minerals and Rocks	OE	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	
	Applied Nanotechnology	OE	2	0	0	2	
	Geohazards and Mitigation Methods	OE	2	0	0	2	
	Historical Geology	OE	2	0	0	2	

### FOURTH SEMESTER

Code					LTP	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	OE	1	1	0	2	
	Mineral Resources of India	OE	2	0	0	2	
	Gemology and Decorative stones	OE	1	1	0	2	
	Ground water exploration	OE	2	0	0	2	

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

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

Paper Code	Title of the Course	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	
<b>Soft Core Papers</b>							
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	
<b>Soft Core Papers</b>							
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	
<b>Soft Core Papers</b>							
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	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
<b>Soft Core Papers</b>							
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	
<b>Soft Core Papers</b>							
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	
	<b>OPEN ELECTIVE</b>						
5	Problems of Medieval Indian History	OE	3	1	0	4	

#### Semester III

Paper Code	Title of the Course	HC/SC/OE.	L	T	P	Credit	Name of the faculty
1	Historical Method( Hard Core)	HC	4	2	0	6	
2	Problems of Modern Indian History(Hard Core)	HC	3	1	0	4	
	<b>SOFT CORE PAPERS</b>						
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	
	<b>SOFT CORE PAPERS</b>						
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	
	<b>OPEN ELECTIVE</b>						
5	Colonialism and Nationalism in Modern India	OE	3	1	0	4	

#### Semester IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
	<b>SOFT CORE PAPERS</b>						
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	
	<b>SOFT CORE PAPERS</b>		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	
	<b>OPEN ELECTIVE</b>						
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 & II

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	
<b>Semester: II</b>							
	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	
	Childhood Behavioral Problems	OE	1	1	-	2	
	Early Childhood – Health, Nutrition and Education	OE	2	1	-	3	
<b>Semester: III</b>							
	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	
	Adolescence – Problems and Guidance	OE	3	1	-	4	
Semester: IV							
	Children with Special Needs	HC	1	1	2	4	
	Dissertation Work	HC	-	5	-	5	
	Genetic Disorder and Counseling	SC	3	1	-	4	
	Mental Health of Adolescents and Adults	SC	3	1	-	4	
	Mental Health of Children	SC	1	1	-	2	
	Human Rights from Child and Woman's Perspective	SC	1	1	-	2	
	Family Stress, Coping and adaptation	SC	-	1	-	1	
	Parenting in Childhood Years	OE	3	1	-	4	

**Name of the Department: Jainology & Prakrit**

**Course: M.A**

**Course Coordinator: Dr.N.Suresh Kumar.**

I Semester

Sl.no	Subject	HC/SC/OE	L	T	P	Total Credits	Faculty
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 Semester

Sl.no	Subject	HC/SC/OE	L	T	P	Total Credits	Faculty
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	3	1	0	4	
6	Jainism in Tamilnadu	OE	3	1	0	4	

III Semester

Sl.no	Subject	HC/SC/OE	L	T	P	Total Credits	Faculty
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	3	1	0	4	
6	Study of Ratnatrayas	OE	3	1	0	4	

IV Semester

Sl.no	Subject	HC/SC/OE	L	T	P	Total Credits	Faculty
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	Apabhramsha Language and Literature OR Narrative Literature of Prakrit	SC	3	1	0	4	
5	Contribution of Jainism to Kannada Literature	OE	3	1	0	4	
6	Contribution of Jainism to Sanskrit Literature	OE	3	1	0	4	

**Name of the Department: Law**

**Course: LLM**

**Course Coordinator: Dr.M.D.Krishna.**

Semester: I

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

Semester II

1	Research methodology (Compulsory Paper)	3	1	-	4	
2	Comparative Constitutional Law-II (Federalism)	3	1	-	4	
3	Indian Constitutional Law-I (other than part III, IV & IV A)	3	1	-	4	
4	International Economic Law and Law of the Sea	3	1	-	4	
5	International Organisation	3	1	-	4	
6	Human Resource Development	3	1	-	4	
7	Intellectual Property Rights-I (Copyrights and patents)	3	1	-	4	

Semester III

1	Jurisprudence-II(Compulsory Paper)	3	1	-	4	
2	Comparative Constitutional Law-III (Rights and Liberties)	3	1	-	4	

3	Indian Constitutional Law-II (other than part III, IV & IV A)	3	1	-	4	
4	Private International Law	3	1	-	4	
5	International Human Rights Law	3	1	-	4	
6	Intellectual Property Rights-II (Trade marks, Design etc.,)	3	1	-	4	
7	Law on Human Rights and Duties (CBCS)	3	1	-	4	
Semester IV						
Sl No	Title of the course paper	L	T	P	No Credits	Name of the Faculty
1	Environmental Law (Compulsory Paper)	3	1	-	4	
2	Law of writs & Service Matters	3	1	-	4	
3	Comparative Administrative Law	3	1	-	4	
4	International Humanitarian Law and Reg=fugee Law	3	1	-	4	
5	Air & Space Law	3	1	-	4	
6	Information Technology Law	3	1	-	4	

Dissertation – 4 credits

Tutorial – 4

**Name of the Department: Library and Information Science**

**Course: M.L.I.Sc.**

**Course Coordinator: Dr.Chandrashekar M.**

Paper Code	Title of the Course	HC/SC/ E/Pr./ etc.	L	T	P	Credit	Name of the faculty
	Library, Information and Society	HC	3		1	4	
	Management of Libraries and Information Centers	HC	3		1	4	
	Information Sources	HC	2		2	4	
	Fundamentals of Classification	HC	2		2	4	
	Fundamentals of Cataloguing	HC	2		2	4	
	Information Retrieval	HC	3		1	4	
	Digital Libraries and E-publishing	HC	2		2	4	
	Users and User Studies	HC	2		2	4	
	Search and Search Strategies	HC	1	1	2	4	
	Library Networks	HC	3		1	4	
	Research Methods	HC	3		1	4	
	Information Technology and Libraries	E	2		2	4	
	Public libraries and community knowledge centers	E	2		2	4	
	Academic libraries and institutional repositories	E	2		2	4	
	Bio-medical libraries and information centres	E	2		2	4	
	Engineering and technology libraries	E	2		2	4	
	Corporate and business librarianship	E	2		2	4	
	Universal Decimal Classification	E	1	1	2	4	
	Metadata standard	E	1	1	2	4	
	Children Librarianship	E	1	1	2	4	

	Library Automation Process and Products	E	1	1	2	4	
	Marketing of Information Products and Services	E	3		1	4	
	Major Project	E				4	
	Digital Library Software	E	1	1	2	4	
	Data Mining	E	2		2	4	
	Museums and Archives	E	2		2	4	
	Data structures and Programming (From other department )	OE				4	
	Introduction to statistics (From other department)	OE				4	
	Date networks (From other department)	OE				4	
	E-Publishing	OE	2		2	4	
	Information Literacy	OE	2		2	4	
	Web 2.0	OE	2		2	4	
	Information Systems	OE	3		1	4	
	Personality Development & Soft Skills	OE	2		2	4	
	Intellectual Property Right	OE	3		1	4	
	Right to Information Act	OE	3		1	4	
	Content Management Systems	OE	1	1	2	4	
	Markup languages	OE	1	1	2	4	
	Webometrics, Informetrics & Scientometrics	OE	2		2	4	

**Name of the Department: Mathematics**

**Course: Mathematics**

**Course coordinator: Prof. D.D.Somashekar**

**Semester I**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	HC/SC/E	L	T	P	Credit	Name of the faculty
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	
6	Discrete Mathematics	OE	3	1	0	4	

**Semester III**

	Elements of Functional Analysis	HC	3	1	0	4	
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	Topology I	HC	3	1	0	4	
	Commutative Algebra	SC	3	1	0	4	
	Theory of Numbers	SC	3	1	0	4	
	Algebraic Number Theory	SC	3	1	0	4	
	Galois Theory	SC	3	1	0	4	
	Differential equations and its applications	OE	3	1	0	4	
<b>Semester IV</b>							
	Measure and Integration	HC	3	1	0	4	
	Topology II	HC	3	1	0	4	
	Differential Geometry	SC	3	1	0	4	
	Advanced Graph Theory	SC	3	1	0	4	
	Theory of Partitions	SC	3	1	0	4	
	Advanced Functional Analysis	SC	3	1	0	4	
	Algorithms and computations	OE	3	1	0	4	

**Name of the Department: WEST ASIAN STUDIES**

**Course: M.A**

**Course Coordinator: Sri.Gurusiddaiah. C.**

**Semester: I**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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 8 <sup>th</sup> century)	SC	3	1	0	4	
	West Asia and Europe in The 19 <sup>th</sup> and 20 <sup>th</sup> 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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	History of the Ottoman Empire (1258-1800.A.D)	HC	3	1	0	4	
	Economic Development of West	HC	3	1	0	4	

	Asia-(Iran, Turkey- Israel)						
	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	HC/SC/OE	L	T	P	Credit	Name of the faculty
	History of Turkey in 19 <sup>th</sup> and 20 <sup>th</sup> 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.Chandrashekhara**

**Semester I**

Paper Code	Title of the Course	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	
<b>Semester: II</b>							
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	OE	3	1	0	4	

	Vivekananda						
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	Contemporary 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

Paper Code	Title of the Course	HC/SC/ OE.	L	T	P	Credit	Name of the faculty
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/	Optics Lab/ Electronics Lab	HC	0	0	4	4	

PHY-107							
<b>Semester: II</b>							
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 / Optics Lab	HC	0	0	4	4	
<b>PHY-211</b>	<b>Modern Physics</b>	OE	3	1	0	4	
<b>Semester: III</b>							
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	
<b>Students are permitted to choose any one of the following (Special Subjects) and corresponding Practical Coupled to Special Subject.</b>							
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	
<b>Students are permitted to choose any one of the following. (Elective Subjects)</b>							
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	
<b>PHY-320</b>	<b>Energy Science</b>	<b>OE</b>	3	1	0	4	

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	
<b>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.</b>							
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	
PHY-415	Radiation Physics & Dosimetry	OE	3	1	0	4	
<b>Students are permitted to choose any one of the following for extra credit (Elective Subjects ) not compulsory</b>							
PHY-416	Nuclear Spectroscopy Methods	SC	3	0	0	3	
PHY-417	Modern Optics	SC	3	0	0	3	

Name of the Department: Polymer Science,P.G.Centre, Mandya

Course: M.Sc.,

Course Coordinator: Dr.R.L.Jagadish

I Semester

Paper Code	HC/SC/E/OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	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	Flocculants and Dispersants	2	2	0	4	

### II Semester

Paper Code	HC/SC/E/OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	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	

### (For Non-Polymer Students Only)

Paper Code	HC/SC/E/OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	OE	Fundamentals of Polymer Science	1	1	0	2	
	OE	Biodegradable Polymers	1	1	0	2	

### III Semester

Paper Code	HC/SC/E/OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	HC	Polymer Testing	2	0	2	4	
	HC	Specialty & Functional Polymers	2	2	0	4	
	HC	Smart Polymers	2	2	0	4	
One of the below;							
	SC	Polymer Blends & Composites	2	0	2	4	
	SC	Nano Science	2	2	0	4	
	SC	Adhesive materials	2	2	0	4	
						16	

<b>Credits to be gained from the other departments</b>	04	
<b>Total Credits</b>	20	

**OPEN-ELECTIVES  
(For Non-Polymer Students Only)**

Paper Code	HC/SC/E/ OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	OE	Introduction to Polymer Composites	1	1	0	2	
	OE	Industrial Polymers	1	1	0	2	
<b>Total Credits</b>						04	

**IV Semester**

Paper Code	HC/SC/E/ OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	HC	Principles of Polymer Processing	2	2	0	4	
	HC	Project Work	0	1	7	8	
One of the below;							
	SC	Surface Coatings & Adhesion Technology	2	2	0	4	
	SC	Polymer Membrane & Drug Delivery	2	2	0	4	
	SC	Rubber Technology	2	2	0	4	
						16	
<b>Credits can be gained from the other departments (not mandatory)</b>						04	
<b>Total Credits</b>						20	

**OPEN-ELECTIVES  
(For Non-Polymer Students Only)**

Paper Code	HC/SC/E/ OE Pr./etc.	Subject	Credits			Total Credits	Name of the Faculty
			L	T	P		
	OE	Basics of Polymer Processing	1	1	0	2	
	OE	Latex and Foam Technology	1	1	0	2	
<b>Total Credits</b>						04	

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

Paper Code	Title of the Course	HC/SC/OE.	L	T	P	Credit	Name of the faculty
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	
<b>Semester: II</b>							
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	
<b>Semester: III</b>							
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	
<b>Semester: IV</b>							
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: I**

Paper Code	Title of the Course	HC/S C/ OE	L	T	P	Credit	Name of the faculty
	Sanskrit Poetry Text: <i>Kiratarjuniyam</i> (I & II Cantos)	HC	2	1	1	4	

	Sanskrit Drama Text: <i>Uttararamacharitam</i> (I to III Acts)	HC	2	1	1	4
	Sanskrit Grammar Text : <i>Siddhanta Kaumudi</i> (Karaka Prakarana only)	HC	2	1	1	4
	Veda Text: <i>Vedic Reader for students --</i> A.A.Macdonell (Selected 10 Hymns)OR <i>Rgvedasuktamanjari</i> By M.N.Joshi (Selected 10 hymns)	SC	2	1	1	4
	Upanishad & Gita Text: a. <i>Kathaka Upanishad</i> <i>b.Bhagavadgita</i> (16 th & 17th Adhyayas)	SC	3	1	0	4
<b>Semester: II</b>						
	Manuscriptology Text: <i>Essentials of</i> <i>Manuscriptology</i> Ed.Dr.Shivaganeshamurthy	HC	2	1	1	4
	Alankara Shastra - I Text: <i>Kavyamimamsa of</i> <i>Rajashekhara</i> (I-V Chapters)	HC	2	1	1	4
	Nyaya Darshana Text: <i>Nyaya Darshana</i> <i>with Vatsyayana</i> <i>bhashya</i> (I & II Adhyayas)	HC	3	1	0	4
	Sanskrit Prose Text: <i>Bana's Kadambari</i> (Selected Portions)	SC	2	1	1	4
<b>Students have to choose any one out of three</b>						
	Nitikathasahitya Text: <i>Mitralabha</i> (from Hitopadesha)	OE	3	1	0	4
	Arogyasubhashitani Text: <i>Arogyasubhashitani</i> Ed: Dr. M.N.Joshi	OE	3	1	0	4
	Grammar & Translation Text: <i>Sanskrit Translation</i> <i>Book I</i> by R.G.Bhandarkar	OE	3	1	0	4
<b>Semester: III</b>						
	History of Classical Sanskrit Literature <i>Ramayana,</i> <i>Mahabharata, Pancha -</i> <i>Mahakavyas</i> <i>and kinds of other Kavyas</i>	HC	3	1	0	4
	Sanskrit Grammar	HC	3	1	0	4

	Text: <i>Siddhanta Kaumudi</i> ( <i>Samasa prakarana</i> )					
	Darshana – I Text: <i>Sarvadarshana of</i> <i>Sayana Madhava</i> (Selected portions)	HC	2	1	1	4
	Alankara Shastra II Text: <i>Appayya Dikshita's</i> <i>Kuvalayananda</i> (1 to 32 Alankaras)	SC	2	1	1	4
<b>Students have to choose any one out of three</b>						
	Stotra-Kavyas Text: <i>Bhajagovindam of</i> <i>Shankara &amp;</i> <i>Adityahrdaya</i>	OE	3	1	0	4
	Selections from Sanskrit Literature Text: <i>Sanskritasahitya</i> <i>Vangmaya</i> by Dr. K.B.Archak	OE	3	1	0	4
	Sanskritamahakavyam Text: <i>Raghuvamsha of</i> <i>Kalidasa (II Canto)</i>	OE	3	1	0	4
<b>Semester: IV</b>						
	Smriti Literature Text: <i>Yajnavalkya Smriti-</i> <i>Vyavahara Adhyaya</i> (1 to 6 Prakaranas) (Selected Portions)	HC	3	1	0	4
	Arthashastra Text: <i>Arthashastra of</i> <i>Kautilyas</i> (Vinayadhikarana only)	HC	3	1	0	4
	Project Work	HC	2	1	1	4
	Sanskrit Etymology Text: <i>Yaska's Nirukta</i> (I to II Chapters only)	SC	2	1	1	4
	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**

Semester I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
SERBT-1.1	Mulberry Biology and Production	HC	3	0	1	4	
1.2	Silkworm Biology and Egg Production	HC		0	1	4	
1.3	Silkworm Physiology and Biochemistry	HC	3	0	1	4	
1.4	Silkworm Rearing Technology	HC	3	0	1	4	
1.5	Science of Sericulture	SC	3	1	0	4	
1.6	Computer Application and Biostatistics	SC	3	1	0	4	

Semester II

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
SERBT – 2.1	Silkworm Genetics and Breeding	HC	3	0	1	4	
2.2	Mulberry and Silk worm Crop Protection	HC	3	0	1	4	
2.3	Term Work(Minor Project	HC	3	0	1	4	
2.4	Molecular Biology and Immunology	SC	3	0	1	4	
2.5	Cell Biology and Genetics	SC	3	1	0	4	
2.6	Mulberry Biology, Production and Protection	OE	3	1	0	4	

Semester III

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
SERBT-3.1	Mulberry Physiology, Cytogenetics and Breeding	HC	3	0	1	4	
3.2	Proteomics, Genomics and Bioinformatics	HC	3	1	0	4	
3.3	Silk technology, Sericulture Extension and Economics.	HC	3	0	1	4	
3.4	Entrepreneurship Development in Sericulture	SC	3	1	0	4	
3.5	Applied Entomology	SC	3	1	0	4	
3.6	Silkworm Biology, Cocoon Production and Protection	OE	3	0	1	4	

## Semester IV

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
SERBT - 4.1	Mulberry & Silkworm Biotechnology	HC	3	0	1	4	
4.2	Project Work	HC	0	2	6	8	
4.3	Textile Technology	SC	3	1	0	4	
4.4	Vanya Sericulture	SC	3	1	0	4	
4.5	Silk Technology and Entrepreneurship Development	OE	3	1	0	4	

**Name of the Department: Social Work Course:**

**MSW**

**Course coordinator: Sri.Chandramouli.**

Semester: I

Compulsory additional papers for non BSW students

Paper Code	Title of the Course	HC/SC/E/Pr/ etc.	L	T	P	Credit	Name of the faculty
NSW-1	Social Science Perspectives for Social Work Practice.	HC	2	1	0	3	
NSW-2	Term Project	TP	0	1	2	3	

Core papers for odd semesters

Paper Code	Title of the Course	HC/SC/E/Pr/ etc.	L	T	P	Credit	Name of the faculty
SW-1	Social Work - History and Ideologies	HC	2	1	0	3	
SW-2	Work with Individuals and Families	HC	2	1	0	3	
SW-3	Work with Groups	HC	2	1	0	3	
SW-4	Work with Communities	HC	2	1	0	3	
SWE 1/SWE 2/ SWE 3/SWE4	Elective	OE	2	1	0	3	
SW-5	Social Work Practicum-1	SWP-1	0	1	2	3	

Name of the Department: Social Work Course: MSW

Semester: II

Course coordinator:

Core papers for even semesters

Sl. No	Code No.	Paper title	L	T	P	Credits	Name of the Faculty
1	SW-6	Management of Developmental and Welfare Services	2	1	0	3	

2	SW-7	Communication and Counseling	2	1	0	3	
3	SW-8	Personal and Professional Growth	2	1	0	3	
4	SW-9	Social Work Research and Statistics	2	1	0	3	
5	SWE 1/SWE 2/ SWE 3/SWE 4	Elective	2	1	0	3	
6	SW-10	Social Work Practicum - II Social Work Camp	0	0	2	2	
7	SW-11	Social Work Practicum - III	0	1	2	3	
8	SW-12	Social Work Practicum - IV: Summer Placement	0	0	2	2	
		Total Credits				22	

**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)	Name of teacher (s)
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	
<b>Semester - II</b>				
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	
13	XXX- Probability Tehory & Math. Stat	OE	4+0+0 =4	
<b>Semester - III</b>				
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	
<b>Semester - IV</b>				
20	XX. Stochastic Processes	HC	4+0+0= 4	
	XIV. Multivariate Analysis	HC	4+0+0 = 4	
	XVI. Reliability Analysis OR XVII – Nonparam. & Semipar.Methods OR XXVII- Computational Statistics	SC SC SC	3+0+1= 4 3+0+1 =4 2+0+2 =4	
16	XXVIII Project Work	SC	0+0+4 = 4	

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

SEMESTER: I

Paper Code	Title of the Course	HC/SC/OE	L	T	p	Credit	Name of the Faculty
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(Pr.)	2	0	0	2	
7	Sugar Technology Practical -I	HC(Pr.)	0	0	2	2	

II SEMESTER

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(Pr)	0	0	2	2	
6	Sugar Technology Practical -II	HC(Pr)	0	0	2	2	
7	General Aspects of Sugar Manufacturing	OE	3	1	0	4	

III SEMESTER

1	Manufacture-III	HC	3	1	0	4	
2	Equipment Capacity	HC	3	1	0	4	
3	Chemical EngineeringII	SC	3	1	0	4	
4	Industrial Management	SC	3	1	0	4	
5	Equipment Design & Drawing	HC(Pr.)	0	2	2	4	
6	General Aspects of Sugarcane Agriculture	OE	3	1	0	4	

IV SEMESTER

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(Pr.)	0	2	2	4	
6	Industrial Biochemistry	OE	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	HC/SC/OE/Pr	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

**OPEN ELECTIVE**

	Introduction to Women's Studies	OE	3	1	0	4
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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	HC				
	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, Science and Technology	SC	3	1	0	4
	Minor Project	Pr				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	Computer Applications in Women's Studies	HC	2	0	2	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
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**OPEN ELECTIVE**

6	Gender and Development	OE	3	1	0	4
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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.				6

**OPEN ELECTIVE**

1	Feminist Perspectives in Management	OE	3	1	0	4
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Note: Out of the two Softcore courses offered the student has to select one course during the fourth semester

**Name of the Department: Zoology**

**Course: M.Sc., Zoology**

**Course coordinator: Prof. S.R.Ramesh**

Semester I

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
1	Non-Chordata	HC	2	0	2	4	
2	Genetics & Cytogenetics	HC	2	1	1	4	
3	Biological Chemistry	HC	2	1	1	4	
4	Animal Physiology	HC	2	0	2	4	
5	Biodiversity	SC	3	1	0	4	
6	Histology & Histopathology	SC	3	1	0	4	
7	Molecular Cytogenetics	SC	3	1	0	4	

Any of of the soft core papers may be opted

II Semester

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	Chordata	HC	2	1	1	4	
	Reproductive Biology	HC	2	1	1	4	
	Minor Project	HC	0	1	3	4	
	Evolutionary Biology	SC	3	1	0	4	
	Ethology	SC	3	1	0	4	

	Gene Regulation	SC	3	1	0	4	
	Principles of Animal Science (For Life science students)	OE	3	1	0	4	
	Animal World (For students other than life science subjects)	OE	3	1	0	4	
Any one of the soft core papers may be opted							

### III Semester

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	Molecular Biology	HC	2	2	0	4	
	Applied Zoology	HC	2	1	1	4	
	Developmental Biology	SC	3	1	0	4	
	Advanced cell biology	SC	3	1	0	4	
	General and molecular endocrinology	SC	3	1	0	4	
	Medical and Environmental implications of Developmental Genetics	SC	3	1	0	4	
	Reproductive health	OE	3	0	1	4	

Any one of the soft core papers may be opted

### IV Semester

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
	Environmental biology	HC	2	0	2	4	
	Advanced Genetics	SC	3	1	0	4	
	Wildlife biology	SC	3	1	0	4	
	Immunology and Cancer Genetics	SC	3	1	0	4	
	Project Wrok – Hard Core 2 & 3	HC	0	6	2	8	
	Vectors & Communicable diseases	OE	3	1	0	4	

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	HC/SC/ELE OP ELE/ TW	Lecture	Tutorial	Practical	Credit	Name of the Faculty
<b>FIRST SEMESTER</b>							
1	Perspectives of Folklore	HC	3	1	-	04	
2	Folk Literature (Genres)	HC	3	1	-	04	
3	Folklore & Communication	HC	3	1	-	04	
<b>SOFT CORE(ANY TWO)</b>							
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	
<b>SECOND SEMESTER</b>							
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	
<b>SOFT CORE(ANY ONE)</b>							
4	A) The Study of Indian Folklore	SC	3	1	-	04	
	B) Rural Folk And Rural Economy	SC	3	1	-	04	
<b>OPEN ELECTIVE</b>							
5	Folk Culture : An Introduction	OE	3	1	-	04	

M. A. FOLKLORE (III & IV SEMESTER)

Paper Code	Title of the Paper	HC/SC/OE/ TW	Lecture	Tutorial	Practical	Credit	Name of the Faculty
1	Folk Theories-II	HC	3	1	-	04	
2	Folklore Research Methodology	HC	3	1	-	04	
3	Folklore in the Changing Work	HC	3	1	-	04	
<b>SOFT CORE(ANY ONE)</b>							
4	A) Karnataka Folk Theatre	SC	3	1	-	04	
	B) Gender And Folklore	SC	3	1	-	04	
<b>OPEN ELECTIVE</b>							
5	Folklore: An introduction	OE	3	1	-	04	
<b>FOURTH SEMESTER</b>							
1	Folk Technology	HC	3	1	-	04	
2	Applied Folklore	HC	3	1	-	04	
3	Minor Project	HC	1	0	3	04	
<b>SOFT CORE (ANY ONE)</b>							
4	A) Folklore Archives Museum	SC	3	1	-	04	
	B) Triballore of South India	SC	3	1	-	04	
<b>OPEN ELECTIVE</b>							
5	Karnataka Folk Culture: and Introduction	OE	3	1	-	04	



Κατηγορία	Περιγραφή	Μορφή	Ποσοστά		Συνολικά	Παρατηρήσεις
			Θεωρητική	Πρακτική		
1	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	HC	03	01	04	
2	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	HC	03	01	04	
3	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	HC	02	01	03	
4	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	HC	02	01	03	
5	<b>ΕΠΙΛΕΞΙΜΑ : (SOFT CORE)</b> «Επιλογή μαθημάτων από το πεδίο της πληροφορικής, σύμφωνα με τις προτάσεις του προγράμματος σπουδών»					
5.1	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
5.2	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
5.3	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
5.4	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
5.5	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
5.6	«Εισαγωγή στην Επιστήμη των Υπολογιστών»	SC	03	01	04	
6	<b>«ΑΠΕΡΙΟΡΙΣΤΑ» (OPEN ELECTIVE)</b>					
	«Επιλογή μαθημάτων (επιλογής)»	OE	03	01	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**

**SEMESTER: I**

Course Coordinator: Prof.C.S.Ramachandra

Paper Code	Title of the Course	HC/S C/OE	L	T	P	Credits	Name of the faculty
HDL-1	Advanced Phonetics and Phonemics	<b>HC</b>	03	01	0	04	
HDL-2	Advanced Morphology and Syntax	<b>HC</b>	03	01	0	04	
HDL-3	Advanced Semantics	<b>HC</b>	03	01	0	04	
<b>SOFT CORE COURSES (ANY TWO)</b>							
HDL-4	Dialectology	<b>SC</b>	03	01	0	04	
HDL-5	Bi-Multilingualism	<b>SC</b>	03	01	00	04	
HDL-6	Anthropological Linguistics	<b>SC</b>	03	01	00	04	

**SEMESTER: II**

Paper Code	Title of the Course	HC/S C/OE	L	T	P	Credits	Name of the faculty
HDL-6	Advanced Historical and Comparative Linguistics	<b>HC</b>	03	01	0	04	
HDL-7	Lexicography	<b>HC</b>	03	01	0	04	
HDL-8	Advanced Language Teaching Methods OR Language Curriculum, Testing and Evaluation	<b>HC</b>	03	01	0	04	
<b>SOFT CORE COURSES (ANY TWO)</b>							
HDL-9	Stylistics	<b>SC</b>	03	01	0	04	
HDL-9	Language Planning	<b>SC</b>	03	01	0	04	
HDL-9	Linguistics and Literacy	<b>SC</b>	03	01	0	04	
HDL-9	TERM WORK	<b>SC</b>	01	0	03	04	
HDL-10	Culture : An Introduction	<b>OE</b>	03	01	0	04	

**SEMESTER :III**

Paper Code	Title of the Course	HC/S C/OE	L	T	P	Credits	Name of the faculty
MAL-1	Schools of Linguistics	<b>HC</b>	03	01	0	04	
MAL-2	Contrastive Linguistics and Error Analysis	<b>HC</b>	03	01	0	04	
MAL-3	Research Methodology &	<b>HC</b>	03	01	00	04	

	Field Linguistics						
<b>SOFT CORE COURSES (ANY ONE)</b>							
MAL-04	Introduction to Indo – Aryan Languages	<b>SC</b>	02	01	00	03	
MAL-04	<b>SELF STUDY – COURSES</b> – a). Studies in Kannada linguistics b). Dravidian linguistics : An Introduction c), A Linguistic Study of Kannada Dictionaries d). Kannada Dialects : A Linguistic study	<b>SC</b>	01	0	03	04	
MAL-05	General Linguistics : An Introduction	<b>OE</b>	03	01	0	4	

#### SEMESTER :IV

Paper Code	Title of the Course	HC/S C/OE	L	T	P	Credits	Name of the faculty
MAL-6	Mass Communication and Media Language OR Computational Linguistics	<b>HC</b>	03	01	0	04	
MAL-7	Sociolinguistics	<b>HC</b>	03	01	0	04	
MAL-8	MINOR PROJECT	<b>HC</b>	01	0	03	04	
<b>SOFT CORE COURSES (ANY ONE)</b>							
MAL-9	Linguistic Theory of Translation	<b>SC</b>	03	01	00	04	
MAL-9	Psycholinguistics	<b>SC</b>	03	01	00	04	
MAL-10	Applied Linguistics : An Introduction	<b>OE</b>	03	01	00	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	HC/SC/OE	L	T	P	Credits	Name of the faculty
<b>HARD CORE COMPULSORY PAPERS</b>							
1	Kannada Language & Literature	HC	03	01	0	04	
2	Political History of South India -I	HC	03	01	0	04	
3	Comparative Dravidian Linguistics	HC	03	01	0	04	
<b>SOFT CORE (ANY TWO)</b>							
4	Study of Kannada Texts	SC	03	01	0	04	
5	Religious Movements in South India	SC	03	01	0	04	
6	Political & Cultural History of Vijayanagara Dynasty	SC	03	01	0	04	

**SEMESTER: II**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credits	Name of the faculty
<b>HARD CORE COMPULSORY PAPERS</b>							
1	Tamil Language & Literature	HC	03	01	0	04	
2	Political History of South India -2	HC	03	01	0	04	
3	South Indian Epigraphy	HC	03	01	0	04	
<b>SOFT CORE (ANY ONE)</b>							
4	Study of Tamil Texts	SC	03	01	0	04	
4	South Indian Numismatics	SC	03	01	0	04	
<b>OPEN ELECTIVE</b>							
5	South Indian Literature	OE	03	01	0	04	

**SEMESTER :III**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credits	Name of the faculty
<b>HARD CORE COMPULSORY PAPERS</b>							
1	Telugu Language & Literature	HC	03	01	0	04	
2	South Indian Art and Architecture-1	HC	03	01	0	04	
3	Research Methodology	HC	03	01	0	04	
<b>SOFT CORE (ANY ONE)</b>							
4	Study of Telugu Texts	SC	03	01	0	04	
4	Freedom Movement in South India	SC	03	01	0	04	
<b>OPEN ELECTIVE</b>							
	Cultural History of South India	OE	03	01	0	04	

**SEMESTER :IV**

Paper Code	Title of the Course	HC/SC/OE	L	T	P	Credits	Name of the faculty
<b>HARD CORE COMPULSORY PAPERS</b>							

1	Malayalam Language & Literature	HC	03	01	0	04	Dr. S. Renuka [GL]
2	South Indian Art and Architecture -2	HC	03	01	01	04	
3	Minor Project / Term work	HC	01	03	0	04	
<b>SOFT CORE (ANY ONE)</b>							
4	Study of Malayalam Texts	SC	03	01	0	04	
4	History of South Indian Paintings	SC	03	01	0	04	
<b>OPEN ELECTIVE</b>							
5	Tourism in South India	OE	03	01	0	04	

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

**Semester-I**

**Credits: 20**

No	Paper Code	Title of the course paper	Credit pattern in L:T:P	Credits
1.	<b>Hard Core</b> MB- 1.1	Bacteriology and Virology - Theory & Practical	2:2:1	4
2	<b>Hard Core</b> MB- 1.2	Mycology - Theory & Practical	2:2:1	4
3	<b>Hard Core</b> MB- 1.4	Microbial Genetics- Theory & Practical	2:2:1	4
		<b>Choose two among the three Soft Core</b>		
5	<b>Soft Core</b> SMB-1.1	Microbial Diversity- Theory & Practical	2:2:1	4
6	<b>Soft Core</b> SMB-1.2	Techniques in Microbiology Theory & Practical	2:2:1	4
7	<b>Soft Core</b> SMB-1.3	Applied Microbiology Theory & Practical	2:2:1	4
			<b>Total</b>	<b>20</b>

**Semester-II**

**Credits: 20**

No	Paper Code	Title of the course paper	Credit pattern in L:T:P	Credits
	<b>Hard Core</b> MB- 2.1	Microbial Physiology- Theory & Practical	2:2:1	4
1.	<b>Hard Core</b> MB- 2.2	Immunology- Theory & Practical	2:2:1	4
		<b>Choose two among the three Soft Core</b>		
2				
3	<b>Soft Core-1</b> MB- 2.1	Food Microbiology – Theory & Practical	2:2:1	4
4	<b>Soft Core-2</b> SMB-2.2	Dairy Microbiology- Theory & Practical	2:2:1	4
5	<b>Soft Core -3</b> SMB-2.3	Fermentation Technology- Theory & Practical	2:2:1	4
7	<b>Open Elective</b> OMB-2.1	Microbial Techniques- Theory & Practical	2:2:1	4
			<b>Total</b>	<b>20</b>

**Semester-III**

**Credits :16**

No	Paper Code	Title of the course paper	Credit pattern in L:T:P	Credits
1.	<b>Hard Core</b> MB- 3.1	Medical microbiology - Theory & Practical	2:2:1	4
2	<b>Hard Core</b> MB- 3.2	Industrial Microbiology-Theory & Practical	2:2:1	4
3	<b>Hard Core</b> MB- 3.3	Agricultural Microbiology - Theory & Practical	2:2:1	4
		<b>Choose one among the three Soft Core</b>		
4	<b>Soft Core</b> SMB- 3.2	Soil Microbiology- Theory & Practical	2:2:1	4
	<b>Hard Core</b>	Environmental Microbiology - Theory & Practical	2:2:1	4

	MB- 2.2			
	<b>Soft Core</b> SMB- 3.3	Aerobiology- Theory & Practical	2:2:1	4
5	<b>Open Elective</b> OMB-3.1	General Microbiology	2:1:1	4
			<b>Total</b>	<b>20</b>

**Semester-IV**

**Credits :16**

No	Paper Code	Title of the course paper	Credit pattern in L:T:P	Credits
1.	<b>Hard Core</b> MB-4.1	Molecular Biology -Theory & Practical	2:2:1	4
2	<b>Hard Core</b> PW MB- 4.2	Project Work	0:2:6	8
		<b>Choose one among the three Soft Core</b>		
3	<b>Soft Core</b> SMB- 4.1	Clinical& Diagnostic Microbiology- Theory & Practical	2:2:1	4
4	<b>Soft Core</b> SMB- 4.2	Genomics and Proteomics - Theory & Practical	2:2:1	4
5	<b>Soft Core</b> SMB- 4.3	Genetic Engineering- Theory& Practical	2:2:1	4
			<b>Total</b>	<b>16</b>

**Grand Total Credits:76**

**Name of the Department: College of Fine Arts for Women, MGM**

**Name of the Course:M.Music**

Course Coordinator:

I Semester

Paper Code	Title of Paper	HC/SC/OE	L	T	P	Total Credits	Name of the Faculty
1	Samudaya Krithies	HC	0	1	3	04	
2	Madyamakala Krithies	HC	0	1	3	04	
3	Distinctive feature of Karnataka Music	HC	4	0	0	04	
4	Instruments – (Any one) a) Flute <b>or</b> b) Violin <b>or</b> c) Veena	SC	0	1	3	04	
5	Opera of Karnataka Music (Any One): a) Geeta Govinda b) Krishna leela tarangini c)Pralhada Bhakti vijaya d) Nowka Charitre e)Pallakki Seva Prabandha f) Geet Gopala	SC	3	1	0	04	

II Semester

Paper Code	Title of Paper	HC/SC/OE	L	T	P	Total Credits	Name of the Faculty
1	Compositions	HC	0	1	3	04	
2	Pallavis	HC	0	1	3	04	
3	Theory of Music	HC	4	0	0	04	
4	Instruments –(Any one)	SC	0	1	3	04	

	Flute or Violin or Veena						
5	Karnataka Music OR Bharatanatya OR Theatre Arts	OE	3	1	0	04	

### III Semester

Paper Code	Title of Paper	HC/SC /OE	L	T	P	Total Credits	Name of the Faculty
1	Kritis in Scholarly Ragas	HC	0	1	3	04	
2	Kritis in Pratimdyama Ragas	HC	0	1	3	04	
3	Music in Different Periods	HC	4	0	0	04	
4	Instrumental Music(Any One) a) Flute b) Violin c) Veena	SC	0	1	1	02	
5	Study of a Musical Treatise(any one): a) Natyashastra b) Brihaddesi c) Sangeetha Ratnakara d) Mansollasa e) Chturdandi Prakashika	SC	2	0	0	02	
	Karnataka Music OR Bharatanatya OR Theatre Arts	OE	3	1	0	04	

### IV Semester

Paper Code	Title of Paper	HC/SC /OE	L	T	P	Total Credits	Name of the Faculty
1	Raga Tana Pallavi	HC	0	1	3	04	
2	Theory & History of Music	HC	4	0	0	04	
3	<b>Project:</b> Planning & Presenting a concert	HC	0	2	2	04	
4	Instrumental Music(Any One) a) Flute b) Violin c) Veena	SC	0	1	1	02	
5	A study of Western Music or Hindustani Music	SC	2	0	0	02	
	Karnataka Music OR Bharatanatya OR Theatre Arts	OE	3	1	0	04	

**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	HC/SC/ OE	L	T	P	Credit	Name of the faculty
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	
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Semester : II

Paper code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
06	Ambedkar and Deprived Caste Movement	OE	3	1	0	04	

Semester : III

Paper code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
06	Political Sociology of India	OE	3	1	0	04	

Semester : IV

Paper code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
06	Globalization	OE	3	1	0	04	

**Course: MA, Public Administration**

Course Coordinator: Sri.M.Jameel Ahmed

Semester : I

Paper code	Title of the Course	HC/SC/E/Pr./etc.,	L	T	P	Credit	Name of the faculty
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	HC/SC/E/Pr./etc.,	L	T	P	Credit	Name of the faculty
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	
06	Globalization & Public Policy	OE	3	1	0	04	

Semester : III

Paper code	Title of the Course	HC/SC/E/Pr./etc.,	L	T	P	Credit	Name of the faculty
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	
06	Development Politics And Administration	OE	3	1	0	04	

Semester : IV

Paper code	Title of the Course	HC/SC/OE	L	T	P	Credit	Name of the faculty
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	
06	Public Policy	OE	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 <sup>1</sup>	T <sup>2</sup>	P <sup>3</sup>	C <sup>4</sup>	Name of the Faculty
<b>CORE PAPERS</b>						
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		
<b>PROJECT WORK</b>						
MTURP.1.6.	Planning Studio-I: Micro-Planning			16(8)	8	
	<b>Total</b>				<b>24</b>	

### Semester II

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>CORE PAPERS</b>						
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	
<b>PROJECT WORK</b>						
MTURP.2.5.	Planning Studio-II:			16(8)	8	
	a. Research Methodology b. Preparation of Master Plan for Town/City					
	<b>Total</b>				<b>24</b>	

### Semester III

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>CORE PAPERS</b>						
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		
<b>PROJECT WORK</b>						
MTURP 3.5	Planning Studio-III:			16(8)	8	
	a. Preparation of District Development Plan					
	b. Preparation and presentation of Synoptic Note					
	c. Internship*(8 Weeks) Training					
	<b>Total</b>				<b>24</b>	

#### Semester IV

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>CORE PAPERS</b>						
MTURP.4.1.	Metropolitan Planning	3	2(1)	0	4	
MTURP.4.2.	<b>ELECTIVE (DISCIPLINE CENTRIC):</b> Any <b>ONE</b> 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					
<b>4.2.4.</b>	Systems Analysis and GIS in Planning	3	2(1)	0		
<b>PLANNING THESIS</b>						
MTURP.4.3.	Planning Thesis Part- II	0	0	24(12)	12	
	<b>Total</b>				<b>20</b>	

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	Name of the Faculty
<b>HARD CORE PAPERS</b>						
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	
	<b>Soft Core</b> (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	
	<b>Total</b>				<b>20</b>	

**Second Semester**

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>HARD CORE PAPERS</b>						
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	
	<b>Soft Core</b>					
1.4	PROJECT WORK <b>OR</b>	0	2	2	4	
1.4	Research Methods in Development Studies	3	1	0	4	

1.5	<b>Open Electives</b>					
	Civil Society and Development	3	1	0	4	
	<b>Total</b>				<b>16</b>	

### Third Semester

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>HARD CORE PAPERS</b>						
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	
<b>SOFTCORE (any One of the following)</b>						
1.4	Planning and Programming Techniques	3	1	0	4	
1.4	Project Work	0	2	2	4	
1.5	<b>OPEN ELECTIVE</b> Human Development	3	1	0	4	
	<b>Total</b>				<b>16</b>	

### Fourth semester

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>CORE PAPERS</b>						
1.1.	Emerging Issues in Development	3	1	0	4	
1.2.	Sustainable Development and Environment Planning	3	1	0	4	
<b>SOFT CORE (Any TWO of the Following)</b>						
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	<b>Open Electives</b> Issues in Urban Development	3	1	0	4	
	<b>Total</b>				<b>24</b>	

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	Name of the Faculty
<b>HARD CORE PAPERS</b>						
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	
	<b>Soft Core</b> (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	
	<b>Total</b>				<b>20</b>	

**Second Semester**

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>HARD CORE PAPERS</b>						

1.1	Rural Settlement and Infrastructure	3	1	0	4	
1.2	Rural Development Programmes in India(Perspectives and Policies)	0	2	2	4	
	<b>Soft Core(Any two of the following)</b>					
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	
1.6	<b>Open Electives</b> Social Assistance and Empowering Rural Poor	3	1	0	4	
	<b>Total</b>				<b>20</b>	

### Third Semester

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>HARD CORE PAPERS</b>						
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	
<b>SOFTCORE (any One of the following)</b>						
1.4	Rural Industries and Resource Management	3	1	0	4	
1.4	Project Work	0	2	2	4	
1.5	<b>OPEN ELECTIVE</b> Project and Policies for Rural	3	1	0	4	

	Development					
	<b>Total</b>				<b>20</b>	

#### Fourth semester

Paper Code	Title of the Paper	L	T	P	C	Name of the Faculty
<b>CORE PAPERS</b>						
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	
<b>SOFT CORE (Any One of the Following)</b>						
1.4.	Cooperatives and Micro Credits	3	1	0	4	
1.4	Project Work	0	2	2	4	
1.4	<b>Open Electives</b> Issues in Rural Development	3	1	0	4	
	<b>Total</b>				<b>20</b>	

**Name of the Department: Hindi, MGM**

**Name of the Course: M.A.**

**Name of the Coordinator: Dr.Prathiba Mudliar**

I Semester

Paper Code	Title of the Papers	HC/E/OE/Proj/TW	L	T	P	Credit	Name of the Teachers
HIN C 0101	Hindi Sahitya Ka Itihas - I	HC	3	1	-	4	
HIN C 0102	Aadhunik Hindi Kavita	HC	3	1	-	4	
HIN E 0115	Prayojanmulak Hindi	SC	3	1	-	4	
HIN E O111	Anuvaad siddhant aur prayog	SC	3	3	-	4	
HIN E O113	Nibandhakar Ramchandra Shukla	SC	3	1	-	4	
HIN OE O124	Upanyaskar Agney	SC	3	1	-	4	

Note-Students has to Choose3 (three) Soft Core out of 4 (four)

### II Semester

Paper Code	Title of the Papers	HC/E/OE/Proj/TW	L	T	P	Credit	Name of the Teachers
HIN C 0101	Hindi Sahitya Ka Itihas - II	HC	3	1	-	4	
HIN C 0102	Aadhunik Hindi Gadhya Sahitya	HC	3	1	-	4	
HIN E 0115	Bharatiya Sahitya	SC	3	1	-	4	
HIN E O111	Vishesh Kavi Naresh Mehata	SC	3	1	-	4	
HIN E O113	a) Hindi Vyakaran OR b) Natak Tatha Rangmanch	OE	3	1	-	4	
HIN OE O124	Dissertation	HC	1	-	3	4	

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

### III Semester

Paper Code	Title of the Papers	HC/E/OE/Proj/TW	L	T	P	Credit	Name of the Teachers
HIN C 0201	Bhasha Vigyan	HC	3	1	-	4	
HIN C 0202	Bhasha Ka Itihas	HC	3	1	-	4	
HIN E 0205	Vishesh Kavi Kabeerdas	HC	3	1	-	4	
HIN E O206	Madhya Kaaleen Hindi Kavita	SC	3	1	-	4	
HIN E O208	Hindi Patrakarita	SC	3	1	-	4	
	Adhunik katha sahitya OR Vyavharik Hindi	OE	3	1	-	4	

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

### IV Semester

Paper Code	Title of the Papers	HC/E/OE/Proj/TW	L	T	P	Credit	Name of the Teachers
HIN C 0203	Bhartiya Kavya Shashtra	HC	3	1	-	4	
HIN C 0204	Paschatya Kavya Shastra	HC	3	1	-	4	
HIN E 0209	Hindi Aalochana	SC	3	1	-	4	
HIN E O210	Samkaleen Hindi Kahani	SC	3	1	-	4	
HIN E O211	Aadhunik Hindi Sahitya ki Ek Vishesh vidha (prabandha kavya)	SC	3	1	-	4	

HIN P 0215	Anuvaad sidhaant aur prayog OR Aadhunuik Hindi Gadhya	OE	3	1		4	
	Dissertation	HC	1	-	4	4	

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

2) Students has to opt 1 (One) Open Elective out of 2 (two)

**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	HC/SC/E /OEProf./TU	L	T	P	Credit	Name of the Teacher
URDC101	Urdu Adab 1857 Tak	HC	3	1	-	4	
URDC102	Classiki Nazm-o-Nasar	HC	3	1	-	4	
URDE105	Adabiyath Shinasi	E	3	1	-	4	
URDE106	Urdu Shairi	E	3	1	-	4	
URDE107	Urdu Mein Sawneeh Nigari	E	3	1	-	4	
URDE108	Urdu Masnaavi	E	3	1	-	4	
URDOE 115	Urdu Gazal	OE	3	1	-	4	
URDOE 116	Arabic-Zaban-o-Adab	OE	3	1	-	4	

II Semester

Paper Code	Title of the Paper	HC/SC/E /OEProf./TU	L	T	P	Credit	Name of the Teacher
URDC101	Urdu Adab 1857 Tak	HC	3	1	-	4	
URDC102	Classiki Nazm-o-Nasar	HC	3	1	-	4	
URDE109	Urdu Sahafath	E	3	1	-	4	
URDE110	Dakhani Adab	E	3	1	-	4	
URDE112	Tareekh Zaban-e-Urdu	E	3	1	-	4	
URDE108	Urdu Masnaavi	E	3	1	-	4	
URDOE 115	Urdu Gazal	OE	3	1	-	4	
URDOE 116	Arabic-Zaban-o-Adab	OE	3	1	-	4	
URDP/T 117	Term Work/Project	Term work/Project	1	3	-	4	

**Name of the Department: Christianity, MGM**

**Course: M.A.**

**Course Coordinator: Valindin Rajendra Kumar**

I Semester

Paper Code	Title of the Paper	HC/ SC/ OE	L	T	P	Credit	Names of the Lectures
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	
	<i>Any two Soft Core</i>						
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	HC /SC/ O E	L	T	P	Credit	Names of the Lectures
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	
	<i>Any One Soft Core</i>						
4	Church in the Modern world	SC	3	1	0	4	
5	Samskaras and God Experience	SC	3	1	0	4	
6	Globalization & Ecosophy	OE	3	1	0	4	

#### III Semester

Paper Code	Title of the Paper	HC/ SC/OE/	L	T	P	Credit	Names of the Lectures
1	Theology of Liberation	HC	3	1	0	4	
2	Pauline theology and Spirituality	HC	3	1	0	4	
	<i>Any two Soft Core</i>						
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	
6	Communication, Media and Values	OE	3	1	0	4	

#### IV Semester

Paper Code	Title of the Paper	HC/S C/OE	L	T	P	Credit	Names of the Lectures
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1	Christianity and Inter - Religious Dialogue in India	HC	3	1	0	4	Guest Faculty
2	Social Concerns of Christianity	HC	3	1	0	4	
3	Major Project	HC	1	0	5	6	
	<i>Any One Soft Core</i>						
4	Indian Christian Theology	SC	3	1	0	4	
5	Enculturation In India	SC	3	1	0	4	
6	Feminism and Social Leadership	OE	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	Name of the Teacher
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.Mahadevapasad**

**I Semester**

CORE PAPER	Title of the Pager	HC/SC/ OE	L	T	P	Credits	Name of the Teacher
ELE. 101	<b>Analog Circuit Design</b>	HC	3.0	0.0	0.0	3.0	

ELE. 102	<b>Digital Circuit Design</b>	HC	3.0	0.0	0.0	3.0	
ELE. 104	<b>Analog and Digital Circuit Design Lab</b>	HC	0.0	0.0	4.0	4.0	
ELE. 105	<b>Programming in C Lab</b>	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	<b>Programming in C</b>	SC	3.0	0.0	0.0	3.0	
ELE. 106	<b>Computer Organisation</b>	SC	3.0	0.0	0.0	3.0	
ELE. 107	<b>Network Analysis</b>	SC	3.0	0.0	0.0	3.0	
ELE. 108	<b>Microwave Communication</b>	SC	3.0	0.0	0.0	3.0	

### II Semester

CORE PAPER	Title of the Paper	HC/SC/OE	L	T	P	Credits	Name of the Teacher
ELE. 201	<b>Advanced Microprocessors</b>	HC	3.0	0.0	0.0	3.0	
ELE. 202	<b>Signals and Systems</b>	HC	3.0	0.0	0.0	3.0	
ELE. 204	<b>Advanced Microprocessor Lab</b>	HC	0.0	0.0	4.0	4.0	
ELE. 205	<b>Digital Communication Lab</b>	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	<b>Computer Networks</b>	SC	3.0	0.0	0.0	3.0	
ELE. 207	<b>Optical Fibre Communication</b>	SC	3.0	0.0	0.0	3.0	
ELE. 108	ELE. 208 <b>Satellite Communication</b>	SC	3.0	0.0	0.0	3.0	
ELE. 209	<b>Fundamentals of Electronics</b>	OE	2.0	1.0	0.0	3.0	

### III Semester

CORE PAPER	Title of the Paper	HC/SC/OE	L	T	P	Credits	Name of the Teacher
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	
A candidate 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 Paper	HC/SC/OE	L	T	P	Credits	Name of the Teacher
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**

I Semester

**\*Softcore-Any 3 out of 5 at minimum level.**

Sl. No	Title of the Paper	HC/ SC/ OE	L	T	P	Credit	Names of the Lectures
1	Introduction to Electronic Media	HC	3	1	0	4	
2	Radio Production	HC	3	1	0	4	
3	Videography	HC	3	1	0	4	
4	Digital Imaging	SC	0	0	2	2	
5	Editing Digital Audio	SC	0	0	2	2	
6	Editing Digital Video	SC	0	0	2	2	
7	Web Designing	SC	0	0	2	2	
8	History of Radio						

**II Semester**

**\*Softcore-Any 2 out of 5 at minimum level.**

Sl. No	Title of the Paper	HC/ SC/ OE	L	T	P	Credit	Names of the Lectures
1	Script Writing	HC	3	1	0	4	
2	2-D Animation	HC	2	0	2	4	
3	Video Production	HC	2	0	2	4	
4	Production Planning	SC	2	0	0	2	
5	Managing Digital Assets	SC	2	0	0	2	
6	Image Processing	SC	0	0	2	2	
7	Internet Technology	SC	2	0	0	2	
8	History of TV	SC	2	0	0	2	
9	Multimedia TEchnologies	OE	3	1	0	4	

### III Semester

**\*Softcore-Any 3 out of 5 at minimum level.**

Sl. No	Title of the Paper	HC/ SC/ OE	L	T	P	Credit	Names of the Lectures
1	Media in Advertising & Public Relation	HC	2	1	1	4	
2	3-D Animation	HC	2	0	2	4	
3	Special Effects & Creativity	HC	2	0	2	4	
4	TV News Casting	SC	1	0	1	2	
5	Writing & Presenting News	SC	0	0	2	2	
6	Web Portal Development	SC	2	0	0	2	
7	Web Casting	SC	2	0	0	2	
8	E-Content Development	SC	1	0	1	2	
9	TV Presentation Skills	OE	3	1	0	4	

### IV Semester

**\*Softcore – Any 1 out of 3 at minimum level.**

Sl. No	Title of the Paper	HC/ SC/ OE	L	T	P	Credit	Names of the Lectures
1	Documentary Production	HC	4	0	0	4	
2	Project	HC	0	0	8	8	
3	Media Research	HC	4	0	0	4	

4	Telefilm Production	SC	2	0	0	2	
5	Pod Casting	SC	2	0	0	2	
6	Media Ethics & Law	SC	2	0	0	2	
7	E-Learning	OE	3	1	0	4	

**Name of the Department: Gandhian Studies**

**Course: Peace and Conflict Resolution in Gandhian Studies**

**Course Coordinator:**

I Semester

Paper	Title of the paper	HC/SC/ OE	L	T	P	Total Credits	Nature of Faculty
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 from Soft core (SC)

II Semester

	Title of the paper		L	T	P	Total Credits	Nature of Faculty
1	Peace Movements at the Global Level I	HC	03	01	0	04	
2	Peace Movements at the Global Level II	HC	03	01	0	04	
3	Globalization and Growing Conflict	SC	03	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	0	04	
6	Gandhi world order and Global Peace	OE	03	01	0	04	

Any Two from Soft core (SC)

III Semester

	Title of the paper		L	T	P	Total Credits	Nature of Faculty
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	SC	03	01	0	04	

	Programme						
6	Peace Issues in Indian Philosophy	OE	03	01	0	04	

Any One from Soft core (SC)

IV Semester

	Title of the paper		L	T	P	Total Credits	Nature of Faculty
1	Gandhian Understanding of Peace	HC	03	01	0	04	
2	Gandhian Techniques of Conflict Resolution	HC	03	01	0	04	
3	Minor Project Work	HC	03	01	0	04	
4	Gandhi Ecology and Peace	SC	03	01	0	04	
5	Application of Gandhian Techniques Case Studies	SC	03	01	0	04	
6	India after Gandhi	OE	03	01	0	04	

Any One from Soft core (SC)

**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	Nature of Faculty
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	

## 1. EXPLANATION OF ACADEMIC TERMS

<b>Academic Calendar:</b>	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 vacations, summer vacation and dates of declaration of results.
<b>Academic Year:</b>	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.
<b>Action learning:</b>	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.
<b>Active Learning:</b>	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.
<b>Case Studies :</b>	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. <b>Case studies are used</b> 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.
<b>Component:</b>	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.
<b>Cooperative Learning :</b>	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.

	<p>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.</p>
<b>Course :</b>	<p>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.</p>
<b>Creative Problem Solving:</b>	<p>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.</p>
<b>Credit:</b>	<p>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.</p>
<b>Curriculum:</b>	<p>Contents of a course or program.</p>
<b>Degree:</b>	<p>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.</p>
<b>Diploma :</b>	<p>A qualification awarded after successful completion of a course in Higher Education.</p>
<b>Directed Study:</b>	<p>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.</p>
<b>Dissertation:</b>	<p>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.</p>
<b>Doctorate :</b>	<p>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.</p>
<b>Electives:</b>	<p>A defined set of specialized courses for a diploma or degree from which a student may make a choice.</p>
<b>Enroled:</b>	<p>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.</p>
<b>Enrolment:</b>	<p>The process by which a student, having gained admission to the University and to a qualification, selects and gains entry to courses and classes.</p>
<b>Examination:</b>	<p>Formal assessment under supervision occurring after the teaching in a course has been completed.</p>

<b>Experiential learning:</b>	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.
<b>Faculty (Academic):</b>	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.,
<b>Fieldwork:</b>	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.
<b>Grade Point Average (GPA):</b>	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: <b>Cumulative GPA:</b> calculated from all grades achieved by a student. Used for selection purposes unless an alternative has been indicated by the Faculty. <b>Satisfactory Progress GPA:</b> calculated from the grades achieved by a student in the last two semesters of enrolment.
<b>Grade Point Equivalent (GPE):</b>	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.
<b>Independent Study :</b>	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. <b>Possible Methods :</b> <u>Essays /Computer Assisted Instruction / Journals /Learning Logs /Reports /Learning Activity Packages /Correspondence Lessons /Learning Contracts /Homework /Research Projects /Assigned Questions /Learning Centers.</u>
<b>Instructional methods:</b>	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
<b>Instructional Skills :</b>	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. <u>Explaining / Demonstrating / Questioning / Questioning Techniques /Levels of Questions .</u>
<b>Instructional Strategies:</b>	<b>Direct Instruction : Possibilities include</b> <u>Structured Overview / Lecture /Explicit Teaching / Drill &amp; Practice / Compare &amp; Contrast / Didactic Questions / Demonstrations /Guided &amp; Shared - reading, listening, viewing, thinking.</u> <b>Interactive Instruction : Possibilities include</b> <u>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.</u> <b>Indirect Instruction : Possibilities include</b> <u>Problem Solving / Case Studies / Reading for Meaning / Inquiry / Reflective Discussion / Writing to Inform /</u>

	<p><u>Concept Formation</u> / <u>Concept Mapping</u> / <u>Concept Attainment</u> / <u>Cloze Procedure</u> .  <b>Independent Study</b> : <b>Possibilities include</b> Essays / <u>Computer Assisted Instruction</u> / <u>Journals</u> / <u>Learning Logs</u> / Reports / Learning Activity Packages / Correspondence Lessons / <u>Learning Contracts</u> / Homework / <u>Research Projects</u> / <u>Assigned Questions</u> / Learning Centers.  <b>Experiential Learning</b> : <b>Possibilities include</b> <u>Field Trips</u> / <u>Narratives</u> / <u>Conducting Experiments</u> / <u>Simulations</u> / <u>Games</u> / <u>Storytelling</u> / <u>Focused Imaging</u> / <u>Field Observations</u> / <u>Role-playing</u> / <u>Synecotics</u> / <u>Model Building</u> / <u>Surveys</u>  <b>Instructional Skills</b> ; <b>Possibilities include</b> <u>Explaining</u> / <u>Demonstrating</u> / <u>Questioning</u> / <u>Questioning Technique</u> / <u>Wait Time</u> / <u>Levels of Questions</u></p>
<b>Interactive Instruction :</b>	<p>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.  <b>Possible Methods</b> include <u>Debates</u> / <u>Role Playing</u> / <u>Panels</u> / <u>Brainstorming</u> / <u>Peer Partner Learning</u> / <u>Discussion</u> / <u>Laboratory Groups</u> / <u>Think, Pair, Share</u> / <u>Cooperative Learning</u> / <u>Jigsaw</u> / <u>Problem Solving</u> / <u>Structured Controversy</u> / <u>Tutorial Groups</u> / <u>Interviewing</u> / <u>Conferencing</u> .</p>
<b>Internship:</b>	Supervised practical training period for a student or recent graduate.
<b>Key Skills :</b>	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.
<b>Learning Environment:</b>	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.
<b>Lecture:</b>	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 impart knowledge. This is a formal instructive talk given by a subject specialist to a group of students.
<b>Master's degree:</b>	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.
<b>Module</b>	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.
<b>Multimedia:</b>	The use of several media, such as movies, slides, music, and lighting in combination normally for the purpose of education or entertainment
<b>Orientation:</b>	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.
<b>Practical: Practical:</b>	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.
<b>Prerequisites:</b>	Courses necessary to successfully complete before taking specific higher level courses.
<b>Problem Solving :</b>	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.
<b>Program:</b>	A program (degree) is a combination of courses undertaken at university to obtain a degree, certificate or diploma.
<b>Project:</b>	A piece of investigative written work on a topic approved by the relevant Head of Department and supervisor.
<b>Reflective Discussion :</b>	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 .
<b>Reflective Problem Solving :</b>	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.
<b>Research essay:</b>	A research-based essay on a topic approved by the relevant Head of Department and supervisor.
<b>Semester :</b>	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
<b>Seminar:</b>	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.
<b>Student Identification Number:</b>	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.
<b>Study periods:</b>	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.
<b>Thesis and Viva-Voce:</b>	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.
<b>Timetable:</b>	A schedule, listing all courses, and applicable practicals, tutorials and labs, in which one is enrolled.
<b>Tutorial:</b>	<p>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.</p> <p>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:</p> <ul style="list-style-type: none"> <li>• explore and clarify a topic by asking questions;</li> <li>• try out new ideas;</li> <li>• interact with other students;</li> <li>• develop your active listening and speaking skills;</li> <li>• hear a range of opinions; and</li> <li>• go further into particular topics or questions.</li> </ul> <p>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:</p> <ul style="list-style-type: none"> <li>• take the form of practical sessions in laboratories or workshops;</li> <li>• provide opportunities for the tutor to explain aspects of the lecture; and/or</li> <li>• provide an opportunity for students to talk about the subject to broaden their understanding.</li> </ul>
<b>Workshop:</b>	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.

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**Nodal Officers:** a) **Dr.D.S.Guru, DoS in Computer Science, MGM.**  
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