	Introduction			
2	Pattern Recognition and machine Learning	Chirstopher Bishop		2007.

20MCA HCT4.2	Project Work (16 Weeks)
Credits:16	Max.Marks:300 **C1:30; C2:30; C3:30 C4: 210**

PROJECT WORK, SEMINAR AND VIVA-VOCE: Project work will be carried out either in the department or in any Institution / Industry under the supervision of guide(s) approved by the Department Computer Science.

- Each student shall carry out the project work individually.
- The students are required to submit three copies of project report(dissertation) based on the work done by her during the project period.
- The Project topics should be based on syllabus or beyond.

ANNEXURE-I FORMAT OF THE PROJECT REPORT
1. Cover page as per format
2. Certificate of the project
3. Conference/Seminar/Workshop Attended Certificate
4. Acknowledgement
5. Index
6. Abstract of the project
7. Main Report

7.1 Introduction
7.2 Problem statement
7.3 Literature survey
7.4 System analysis & design
7.5 Hardware & software Requirements
7.6 ERD, DFD
7.7 System Planning(Charts)
7.8 Implementation
7.9 Integration
7.9.1 Unit Testing
7.9.2 Integration Testing
7.9.3 Functional Testing
7.10 Results & Discussion
7.11 Advantages & Disadvantages
7.12 Applications
7.13 Future Scope
7.14 Conclusion
7.15 References
7.16 Soft copy of the project on CD/Floppy

20PG OE04 Open Elective	Artificial Intelligence
Credits: L: 4 Teaching: 4Hrs/week Total Teaching Hours : 52	Max. Marks: 100 C1: 15; C2: 15; C3: 70

Course Objectives:
- Gain a historical perspective of AI and its foundations.
- Become familiar with basic principles of AI toward problem solving, inference, perception, knowledge representation, and learning.
- Experience AI development tools such as an 'AI language', expert system shell, and/or data mining tool.
- Experiment with a machine learning model for simulation and analysis.
- Explore the current scope, potential, limitations, and implications of intelligent systems

Course Learning Outcomes:
- Demonstrate fundamental understanding of the history of artificial intelligence (AI) and its foundations.
- Apply basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation, and learning
- Demonstrate awareness and a fundamental understanding of various applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models.
- Demonstrate proficiency in applying scientific method to models of machine learning.

Unit–I   14 hrs
Overview of AI: Definition of Artificial Intelligence, Philosophy of AI, Goals of AI, Elements of AI system, Programming a computer without and with AI, AI Techniques, History of AI.
Intelligent Systems: Definition and understanding of Intelligence, Types of Intelligence, Human Intelligence vs Machine Intelligence.

Unit- II   14hrs
AI Applications: Virtual assistance, Travel and Navigation, Education and Healthcare, Optical character recognition, E-commerce and mobile payment systems, Image based searchand photo editing.AI Examples in daily life:Installation of AI appsandinstructions to use AIapps.

Unit-III   12 hrs
Fuzzy Logic Systems: What is Fuzzy Logic? Why Fuzzy Logic? Fuzzy Logic Systems Architecture, Example of a Fuzzy Logic System, Application Areas of Fuzzy Logic, Advantages of FLSs, Disadvantages of FLSs

Unit-IV   12 hrs
Natural Language Processing: Components of NLP, NLP Terminology, Steps in NLP.
Robotics: What is Robotics? Difference in Robot System and Other AI Program, Components of a Robot.

TextBooks:
- WolfgangErtel,"IntroductiontoArtificialIntelligence",SecondEdition,SpringerInternat

20MCA SCT3.5	Internship
6 Week internship completed during the vacation of IInd Semester	Max.Marks:100 **C1:15;C2:15;C3:70**

20MCA OE3.6	Digital Technology
Credits: L: 4	Max. Marks: 100
Teaching: 4Hrs / week Total Teaching Hours: 52	**C1: 15; C2: 15; C3: 70**

Course Outcomes (COs):

After completing this course satisfactorily, a student will be able to:

- To perform and get knowledge about applications, virtual learning and internet fundamentals.

- Developholisticallybylearningessentialskillssuchaseffectivecommunication,problem-solving, design thinking, and teamwork.

Unit–I   14 hrs

Security Aspects: Threats and Prevention, Malware-virus, Worms, Ransomware, Trojan, Spyware, adware, key loggers, Modes of Malware distribution, Antivirus, HTTP vs HTTPS, Firewall, Cookies, Hackers and Crackers

Unit- II   14hrs

E-Commence: Advantages and Disadvantages of E-commerce, Basic Web Commerce Concept, The E-Commerce Environment, Electro Marketplace Technologies, B2B, B2C and C2C.

Electronic Data Interchange: Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI Agreements, EDI Security.

Activity: Sign in and create account e-learning platforms such as Swayam and MOOC.

Unit-III   12 hrs

CLUSTERING: Cluster Partition, Sequential, Prototype-Based, Relational, Cluster Validity and Self Organizing Map.

12 hrs

UNIT – IV:

MATHEMATICAL MODELING AND SPATIAL DATA: Introduction to Multi-criteria Decision Making, Using Numerical Methods in Data Science, Mathematical Modeling with Markov Chains. Modeling Spatial

DATA WITH STATISTICS: Getting predictive surfaces from special point data, Using trend surface analysis on spatial data.

VISUALIZATION: Principles of Visualization - Understanding the type, Design Style, Data Graphic Type, Web-based Applications for Visualization Design, Best practices in dashboards, Making maps for Spatial Data.   **14 hrs**
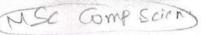
TEXT BOOKS:
1. Runkler, Thomas. A, Data Analytics: Models and Algorithms for Intelligent Data Analysis,
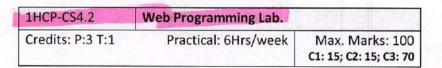Springer, 2012.

REFERENCES BOOKS:

1. Lillean Pearson, Data Science For Dummies, John Wiley and Sons, 2015.

2. Jain P and Sharma P, Behind Every Good Decision: How Anyone Can Use Business Analytics to Turn Data into Profitable Insight, Amacom, 2014.

3. John W Foreman, Data Smart: Using Data Science to Transform Information into Insight,

Wiley, 2013.

MSc Comp Scien

Karnataka State Akkamahadevi Women's
University, Vijayapura

[MSc(Comp. Sc.)
Syllabus, 2018-19]

1.1.3

New Course added

1HCP-CS4.2	**Web Programming Lab.**	
Credits: P:3 T:1	Practical: 6Hrs/week	Max. Marks: 100 **C1: 15; C2: 15; C3: 70**

Assignments based on the paper **2HCT-CS-4.1** shall be implemented.

1HCP-CS4.3	**Project Work**	
Credits: P:3 T:1	Practical: 6Hrs/week	Max. Marks: 100 **C1: 15; C2: 15; C3: 70**

Students shall carry out individual project work under the supervision of guide allotted to them. Two copies of the Project work documentation shall be submitted to the Department at the end of the semester.

1SCT-CS4.4	**Elective Paper**	
Credits: L:4	Teaching: 4Hrs/week Total Teaching Hours : 52	Max. Marks: 100 **C1: 15; C2: 15; C3: 70**
Elective (any one) 4.4.1. Big Data Analytics 4.4.2. Cloud Computing 4.4.3. Embedded Systems		

2SCT-CS4.4.1	**Big Data Analytics**	
Credits: L: 4	Teaching: 4Hrs/week Total Teaching Hours : 52	Max. Marks: 100 **C1: 15; C2: 15; C3: 70**

Unit I   **10 Hrs**
Introduction to big data: Data, Characteristics of data and Types of digital data: Unstructured, Semi-structured and Structured, Sources of data, Working with unstructured data, Evolution and Definition of big data, Characteristics and Need of big data, Challenges of big data, Data environment versus big data environment

Unit II   **10 Hrs**
Big data analytics: Overview of business intelligence, Data science and Analytics, Meaning and Characteristics of big data analytics, Need of big data analytics, Classification of analytics, Challenges to big data analytics, Importance of big data analytics, Basic terminologies in big data environment

Unit III   **12 Hrs**
Big data technologies and Databases: Introduction to NoSQL, Uses, Features and Types, Need, Advantages, Disadvantages and Application of NoSQL, Overview of NewSQL, Comparing SQL, NoSQL and NewSQL, Introduction to MongoDB and its needs, Characteristics of MongoDB, Introduction of apache cassandra and its needs, Characteristics of Cassandra

Unit IV   **10 Hrs**

Hadoop foundation for analytics: History, Needs, Features, Key advantage and Versions of Hadoop, Essential of Hadoop ecosystems, RDBMS versus Hadoop, Key aspects and Components of Hadoop, Hadoop architectures

Unit V   **10 Hrs**

HadoopMapReduce and YARN framework: Introduction to MapReduce, Processing data with Hadoop using MapReduce, Introduction to YARN, Components, Need and Challenges of YARN, Dissecting YARN, MapReduce application, Data serialization and Working with common serialization formats, Big data serialization formats.

References

1. Text Book Seema Acharya and Subhashini Chellappan, "Big Data and Analytics", Wiley India Pvt. Ltd., 2016
2. Boris lublinsky, Kevin t. Smith, Alexey Yakubovich, "Professional Hadoop Solutions", Wiley, ISBN: 9788126551071, 2015.
3. Chris Eaton, Dirk deroos et al. , "Understanding Big data ", McGraw Hill, 2012.
4. Tom White, "HADOOP: The definitive Guide" , O Reilly, 2012.
5. Vignesh Prajapati, "Big Data Analytics with R and Haoop", Packet Publishing 2013.
6. Tom Plunkett, Brian Macdonald et al, "Oracle Big Data Handbook", Oracle Press, 2014.
7. http://www.bigdatauniversity.com/
8. Jy Liebowitz, "Big Data and Business analytics",CRC press, 2013.
9. "Big Data" by Judith Hurwitz, Alan Nugent, Dr. Fern Halper and Marcia Kaufman, Wiley Publications, 2014.
10. ."Big Data Imperatives : Enterprise Big Data Warehouse, BI Implementations and Analytics" by Soumendra Mohanty, Madhu Jagadeesh and Harsha Srivatsa, Apress Media, Springer Science + Business Media New York, 2013

2SCT- CS4.4.2	**Cloud Computing**	
Credits: L: 4	Teaching: 4Hrs/week Total Teaching Hours : 52	Max. Marks: 100 C1: 15; C2: 15; C3: 70

Unit I   **10 Hrs**

FOUNDATIONS : Introduction to Cloud Computing : Cloud Computing in a Nutshell – Roots of Cloud Computing – Layers and types of Clouds – Desired features of a Cloud – Cloud Infrastructure Management – Challenges and Risks – Migrating into a Cloud: - Introduction – Broad Approaches – The Seven step model – Enriching the 'Integration as a Services' Paradigm for the Cloud Era: - Introduction – The Evolution of SaaS – The Challenges of SaaS Paradigm – Approaching the SaaS Integration Enigma – New Integration Scenarios – The Integration Methodologies – SaaS Integration Services – The Enterprise Cloud Computing Paradigm: - Introduction – Background – Issues – Transition Challenges – The Cloud Supply Chain.

Unit II   **10 Hrs**

INFRASTRUCTURE AS A SERVICE : Virtual Machine Provisioning and Migration Services: Introduction – Background – Manageability – Migration Services – Management of Virtual Machines for Cloud Infrastructures: - Anatomy of Cloud Infrastructures – Distributed Management of Virtual Infrastructures – Scheduling techniques for Advance Reservation of Capacity – Enhancing Cloud Computing Environments Using a Cluster as a Service: - Introduction – Related Work – RVWS

PHP-4.4: PROJECT WORK – 100 MARKS

Project work can be carried out in industries/R&D Organization/IITs/IISc/Any Universities. Project shall be conceptualized soon after the completion of the II Semester; Students shall work for the project during the mid-term vacation of III semester examinations and IV Semester.

Note: Any new experiments can be introduced by the staff member in all the practical papers depending upon the availability of equipment and other facilities.

POE-4.5: Atmospheric Science

Unit – I   13 Hours

Meteorology: Atmospheric composition, laws of thermodynamic of the atmosphere. Adiabatic process, potential temperature. The Clausis Clapyeron equation, laws of black body radiation, solar and terrestrial radiation, albedo Green house effect, Heat balance of earth atmosphere system.

Dynamic meteorology: Fundamental forces, non-inertial reference frames and apparent forces, structure of static atmosphere. Momentum, continuity and energy equations. Thermodynamics of the dry atmosphere, elementary applications of the basic equations. The circulation theorem, voracity, potential vorticity, vorticity and potential vorticity equations.

Unit – II   13 Hours

Monsoon dynamics: Wind, temperature and pressure distribution over India in the lower, middle and upper atmosphere during pre, post and mid-monsson season, monsoon circulation in the meridonal (Y-Z) and zonal (X-Y) planes, energy cycle of monsoon. Dynamics of monsoon depressions and easterly waves. Intra seasonal and internal variability of monsoon. Quasi- bc weekly and 30-60 day oscillations. Enso and dynamical mechanism for their existances.

Unit – III   13 Hours

Numerical methods for atmospheric models: Flitering of sound and gravity waves, filtered forecast equations, basic concepts of quasi geostropic and primitive equation models, one level and multi level models. Basic concepts of initialization and objective analysis for wave equation, advection equation and diffusion equation.

Atmospheric pollution: Role of meteorology on atmospheric pollution atmospheric boundary layer, air stability, local wind structure, Ekman spiral, turbulence boundary layer scaling, residence time and reaction rates and of pollutants, sulphur compounds, nitrogen compounds, carbon compounds, organic compounds, acrosols, toxic gases and radio active particles trace gasses.

Unit – IV   13 Hours

Atmospheric instrumentation systems: Ground based instruments for the measurement of temperature. Pressure, humidity wind and rainfall rate. Air borne instruments-radisonde, rawinsode, rockestsonde-satelite instrumentation (space borne instruments)

Radar meteorology: Basic meteorology radar principles and technology radar signal processing and display -weather radar observation of precipitating systems estimation of precipitation radar observation of tropical cyclones, use of weather radar in aviation, clear in air radars-observation of clear in phenomena- other radar systems and applications.

References:
1) The Atmosphere by Frederick K I Utgens and Edward K Turbuk (for chapter I and VI)
2) The Physics of Monsoons by R V Keshwamurthy and M Shankar Roy: Allied publishers, 1992(for chapter 3)
3) Dynamic meteorology by Holton J R edition 3rd academic press N.yf 1992.
4) Numerical weather prediction by G J Haltiner and R T Villians, John Wiley and Sons. 1980 (for chapter 4)
5) Principles of Air pollution meteorology by Tom Layons and Prillscott, CBS publishers and distributors (P) Ltd Radar Meteorology by Henry Sangagcot

MHP-4.3: Project Work

Project work can be carried out in industries/R&D Organization/IITs/IISc/Any Universities. Project shall be conceptualized soon after the completion of the II Semester; Students shall work for the project during the mid-term vacation of III semester examinations and IV Semester.

MST-4.4(a): GRAPH THEORY-II

Planar Graph: Oprations on graphs, Combinatorial and Geometric graph, planna graph, plane graph, Maximal planar graph, Detection of planarity, subdivision of graph, inner vertex set, inner vertex number, outer plannar, minimally non outer plannar graph, Geometric dual and its properties, crossing number and thichness of a graph.

(20 Hours)

Colouring, Covering and Independence: Coloring, Colour class, Chromatic number of graph, Bichromatic graph, Vertex coloring algorithm, Simple sequential algorithm, Welsh and Powell Algorithm, The smallest-last sequential algorithm, edge-coloring, n-edge coloring graph of graph, coloring of plane map, uniqyely colorable graphs, four colour problem, edge covering number, vertex covering number, edge covering number, vertex independence number, edge independence number.

(20 Hours)

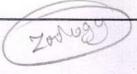**Factorization:** Factor of G, n-factorization, 2-factorization.
NP-Completeness: Representing graph in a computer. Adjacency matrix of graph, **Domination:** Dominating Numbers, Dominating sets, and total dominating sets, total dominating numbers, winner index, hyper winner index graph labeling, graceful labeling.

(20 Hours)

Reference Books:
1. F, Harary. Graph Theory. Addison-Wesley, Reading Mass. (1969)
2. M. Behzndal, C. Chajrtran. Introduction to theory of graphs. All Allyn and Bacon inc. Mass. (1971)
3. G. Chartrand and O.R. Ollermann. Applied and algorithmic graph theory, Mc.Graw-Hill, Inc. (1993)
4. L.W. Beineke and R.J. Wilson, Selected topics in Graph theory 3 Academic press Ltd. (1988)
5. E.J. Henley and R.A. Williams, Graph theory in Modern Engineering, Academic press, New York and London (1973)

HCT-4.2: PROJECT WORK AND SUBMISSION OF DISSERTATION

HCT- 4.3: APPLIED ANIMAL BIOTECHNOLOGY   48 hrs

Course Objective :
This is a practical based course focussing on providing students with a theoretical, practical and applied understanding of animal biotechnology. The course covers cell & tissue cultures, animal molecular biology, recombinant DNA technology, production of transgenic animals, reproductive biotechnology, animal cloning, recombinant vaccines ,histochemical techniques and ethics. The course also emphasises in detail about the biophysical, biochemical and separation techniques that are currently the basics of any molecular biology lab and research work.

Course Learning Outcomes(CLO): After learning the course the student will be :
- Able to handle and culture animal cells & tissues in the laboratory conditions.
- Able to take up a job as embryologist in the Infertility centres.
- Aware about the animal cloning & its ethical concerns and patenting.
- Able to take up the knowledge of biochemical, biophysical and separation techniques in research and development of animal sciences.

Able to describe advancement in vaccination and DNA derived products for therapeutics.

Unit 1:   02
 Introduction: Concept and Scope of Biotechnology, Current Status and Future

Unit 2:   06
Animal Cell and Tissue Culture: Definition, Principles of cell and tissue culture; cell lines. Requirement: Equipments, Culture media, Application of cell culture.
Stem Cell Technology: Definition, types and properties of stem cells, Differentiation of stem cells, Advantages and Disadvantages of Stem cell technology.

Unit 3:   06
Gene Cloning and Gene Transfer Techniques: Somatic cell nuclear transfer; Recombinant DNA Technology- Molecular tools, Cloning vectors: Gene transfer methods- Microinjection, Electroporation, Polycations, Lipofection, Retroviral infection.
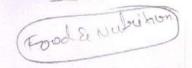
Unit 4:   06
Invitro-fertilization, Embryo transfer and cloning in Mammals: Procedure and limitations of IVF, Embryo Transfer Technique, Cloning of different Mammals.

Unit 5:   06
Trangenic animals and Gene Therapy: Production of transgenic animals, Gene targeting, Knock-out and Knock-in Technology. Transgenic animals- Ethical concerns and Patenting.
Gene therapy: Somatic versus- germ line therapy, Gene therapy in animals.

Unit 6:   08

FPN – HCP: 4.3: DISSERTATION

Total No. of units: 8 hours

Examination pattern

Total Marks: 100
Internal Marks: 30
External Marks: 70

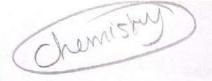**Objectives:**

To enable the students:

11. To know the basic concepts in research
12. To gain practical knowledge in research design
13. To gain the experience in research methodology

Assessment of the course is as follows

Assessment criteria	Internal Assessment (Max. Marks - 30)	External Evaluation (Max. Marks – 70)
Attendance	05	05
Conducting research		
Selection of topic	10	10
Selection of objectives		
Collection of review of literature		
Sampling and data collection	05	05
Analysis of data	05	05
Reporting the results	05	05
Viva including final presentation		
Use of audio visual teaching aids	-	10
Communication skills	-	10
Involvement in discussion	-	10
Meeting the purpose	-	10

1) Quantitative analysis of drugs. P.D. Sethi, 3rd edition. CBS publishers, New Delhi
2) The Quantitative analysis of drugs. 3rd edition D.C.Garrat, Sceince paperbacks.
3) A first course in food analysis. A.Y. Sathe, New Age International.
4) The chemical analysis of foods and food products. 3rd edition. Morrison B Jacobs, Robert E Krieger publishing co.
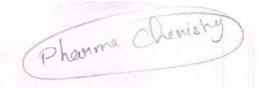5) British Pharmacopoeia vol. I and II

MAJOR PROJECT

Subject Code	CHMP 4.5	IA Marks	
No. of Lecture Hrs./Week		Exam Hours	
Total No. of Lecture Hours		Exam Marks	

The Project work may include training in industries/short term work in the department/other department or institution/R and d organization / review of current literature/theoretical method computer applications/experimental work may involve studies on synthesis of novel and known organic compounds, metal complexes and their characterization by physical and chemical methods/drug analysis/biological activity of reported or unreported research work/water, air and soil analysis / pollution studies/estimation of food adulterants.

In case of students working outside the campus the supervisor/staff member in charge visit the place of work during the period and may be eligible for TA and DA as per university rules.

Books Recommend:

1. Applications of computers in chemistry – Raman
2. Computers and their applications to chemistry – Ramesh kumar , narosa publishing house 2002
3. Laboratory experiments in organic chemistry-arun sethi, new age international ltd. New Delhi
4. A hand book of organic chemistry – H.T.Clarke
5. Vogels text book of practical organic chemistry, revised 5th edn addition Wesley longman Ltd, UK 1997.

M.Sc. IV semester Pharmaceutical Chemistry
Paper PCHCP-4.8:- Major project

Candidates are expected to work on assigned research project and submit the result at the end of the semester in the form of a dissertation which will be for 8 credits. Project work involving multistage synthesis or isolation of active molecules present in medicinal plants or pharmacokinetic studies or evaluation of biological activities

BOOKS:

1. Comprehensive medicinal chemistry- corwin and Hansch
2. Medicinal chemistry-Burgers (Vol-I-VI)
3. Principles of medicinal chemistry-William O Foye
4. Text book of medicinal chemistry- vol-I&II- Surendra N Pandey
5. Principles of medicinal chemistry- S S Kadam, K R Mahadika and K G Bothara
6. Introductory medicinal chemistry- Kennewell and Taylor
7. Wilson and Giswold's Twext book of Organic medicinal and Pharmaceutical chemistry- Jaimes N Delgado and William A Remere
8. Fundamentals of microbiology- Forpischer
9. Genetics of antibiotics producing microorganisms- G Sermouti
10. Principles of industrial microbiology- A. Rhodes and D L Fletcher
11. Industrial Pharmcey-Lachman
12. Industrial fermentation- Koflu and Hickey
13. Rhemingtons Pharmaceutical sciences, Vol-I and II- A Osol
14. Bentley's textbook of pharmaceutics- P A Rowling
15. Pharmcological basics of therapeutics-Goodman and Gillman
16. Pharmacologuy and pharmacotherapeutics- R S satosker and S D Bhandarkar
17. Biopharmaceutics and Pharmacokinetics- G R Chatwal

(Biotech)

Scheme of Teaching, Examination and Credit points of
M.Sc. Biotechnology Programme w.e.f. 2021-22

Semester	Paper No. and Title	Teaching Hrs/week	Internal Assessment	Exam Hrs	Exam Marks	Total Marks
I	HCT-1.1: Cell Biology	04	30	03	70	100
	HCT-1.2: Biochemistry	04	30	03	70	100
	HCT-1.3: Biophysical and Biochemical techniques	04	30	03	70	100
	SCT-1.4: a: **Computational Biology** SCT-1.4: b: Biostatistics SCT-1.4: c: Enzymology	04	30	03	70	100
	HCP-1.1: Cell Biology	04	30	04	70	100
	HCP-1.2: Biochemistry	04	30	04	70	100
	HCP-1.3: Biophysical and Biochemical techniques	04	30	04	70	100
	SCP-1.4: Based on soft core paper - SCT 1.4	04	30	04	70	100
	OET -1.5: Offered by dept. Of Women's studies OET -1.6: Entrepreneurship and startups	04	30	03	70	100
	Total		270		630	900
II	HCT-2.1: Molecular Biology	04	30	03	70	100
	HCT-2.2: Microbiology	04	30	03	70	100
	HCT-2.3: Immunology	04	30	03	70	100
	SCT-2.4: a. **Bioinformatics** SCT-2.4: b. Immunotechnology SCT-2.4: c. Enzyme Technology	04	30	03	70	100
	HCP-2.1: Molecular Biology	04	30	03	70	100
	HCP-2.2: Microbiology	04	30	03	70	100
	HCP-2.3: Immunology	04	30	03	70	100
	SCP-2.4: Based on soft-core paper – SCT 2.4	04	30	03	70	100
	OET-2.5: Offered by the Department of Women's Studies OET-2.6: Research Methodology	04	30	03	70	100
	Total		270		630	900
III	HCT-3.1: Genetic Engineering	04	30	03	70	100
	HCT-3.2: Plant Biotechnology	04	30	03	70	100
	SCT-3.3: a. **Animal Biotechnology, Bioethics and IPR** SCT-3.3: b. Industrial Biotechnology SCT-3.3: c. Bio Separation technique	04	30	03	70	100
	HCP-3.1: Genetic Engineering	04	30	03	70	100
	HCP-3.2: Plant Biotechnology	04	30	03	70	100
	SCP-3.3: Based on soft-core paper – SCT 3.3	04	30	03	70	100
	HCP-3.4: Entrepreneurship and Startup Studies *	04	--	--	50	50
	OET-3.5: General Biotechnology	04	30	03	70	100
	Total		210		540	750
IV	HCT-4.1: Medical Biotechnology and Nanotechnology	04	30	03	70	100
	SCT-4.2: a. Environmental Biotechnology SCT-4.2: b. Microbial Biotechnology SCT-4.2: c. Food Technology	04	30	03	70	100
	HCPW-4.3: Project work*	06	50	--	100	150
	HCP-4.1: Medical Biotechnology and Nanotechnology	04	30	03	70	100
	SCP-4.2. Based on soft-core paper – SCT 4.2	04	30	03	70	100
	OET 4.4 Bioinstrumentation	04	30	03	70	100
	Total		200		450	650
	Total Marks: 3200					

HCT: Hard Core Theory; SCT: Soft Core Theory; HCP: Hard Core Practical, HCPW: Project Work and Dissertation, OET: Open Elective Theory

KARNATAKA STATE AKKAMADEVI WOMEN'S UNIVERSITY, VIJAYAPURA
COMPONENTS OF MASTER'S PROGRAM
(UNDER CBCS & CAGP SCHEME)
DEPARTMENT OF BIOTECHNOLOGY

2021-22

Sem	Paper No	Title of Paper	L	T	P
I	**Hard Core**				
	HCT-1.1	Cell Biology			
	HCT-1.2	Biochemistry	04		
	HCT-1.3	Biophysical and Biochemical techniques	04		
	HCP-1.1	Cell Biology	04		
	HCP-1.2	Biochemistry			02
	HCP-1.3	Biophysical and Biochemical techniques			02
	Soft Core (Student have to chose any one of the following)				02
	SCT-1.4	a. Computational Biology b. Biostatistics c. Enzymology	04		
	SCP-1.4	Based on soft core paper SCT-1.4			
	Mandatory Course/Open Elective				02
	OET 1.5 OET 1.6	Offered by dept. Of Women's studies Entrepreneurship and startups	04		
II	**Hard Core**				
	HCT-2.1	Molecular Biology			
	HCT-2.2	Microbiology	04		
	HCT-2.3	Immunology	04		
	HCP-2.1	Molecular Biology	04		
	HCP-2.2	Microbiology			02
	HCP-2.3	Immunology			02
	Soft Core (Student have to chose any one of the following)				02
	SCT-2.4	a. Bioinformatics b. Immunotechnology c. Enzyme technology	04		
	SCP-2.4	Based on soft core paper SCT 2.4			
	Mandatory Course/Open Elective				02
	OET 2.5 OET 2.6	Women and Health Research Methodology	04		
III	**Hard Core**				
	HCT-3.1	Genetic Engineering			
	HCT-3.2	Plant Biotechnology	04		
	HCP-3.1	Genetic Engineering	04		
	HCP-3.2	Plant Biotechnology			02
	HCP-3.4	Entrepreneurship and Start-up Studies *			02
	Soft Core (Students have to choose any one of the following)				02
	SCT-3.3	a. Animal Biotechnology, Bioethics and IPR b. Industrial Biotechnology c. Bio separation techniques	04		
	SCP-3.3	Based on soft core paper SCT 3.3			02

		Open Elective			
IV	OET 3.5	General Biotechnology	04		
	HCT 4.1	Medical Biotechnology and Nanobiotechnology	04		
	HCP-4.1	Medical Biotechnology and Nanobiotechnology			02
	HCPW-4.3	Project work*			06
	Soft Core (Students have to choose any one of the following)				
	SCT-4.2	a. **Environment Biotechnology** b. Microbial Biotechnology c. Food technology	04		
	SCP-4.2	Based on the soft core paper SCT-4.2			02
	Open Elective				
	OET 4.4	Bioinstrumentation	04		

COMPONENTS OF OPEN ELECTIVE COURSES OFFERED BY THE DEPARTMENT
(UNDER CBCS & CAGP SCHEME)

Semester	Paper Code	Title of the paper	L	T	P
I	OET 1.5 OET 1.6	Offered by dept. Of Women's studies Entrepreneurship and startups	04		
II	OET 2.5 OET 2.6	Women and Health Research Methodology	04		
III	OET 3.5	General Biotechnology	04		
IV	OET 4.4	Bioinstrumentation	04		

HARD CORE – 18 + 18 + 14 + 12 = 62 CREDITS
SOFT CORE – 06 + 06 + 06 + 06 = 24 CREDITS
MANDATORY SUBJECT/OPEN ELECTIVE PAPER = 16 CREDITS
TOTAL CREDITS = 102

* Entrepreneurship and Startup Studies Report is Mandatory in 3rd Semester

L- Lecture, T- Tutorial, P- Practical

HCT- Hard Core Theory, SCT- Soft Core Theory, OE- Open Elective, HCP- Hard Core Practical, SCP- Soft Core Practical.

HCPW- Hard Core Project Work/Dissertation.
*The project evaluation marks 150 are a total of 100 marks for dissertation, 25 marks for presentation and 25 marks for viva.

M.Sc Bioinformatics (CBCS) Syllabus-2020-21

M.Sc (Bioinformatics) IV Semester Syllabus Under CBCS (w.e.f. 2018-19 and onwards)

Course Code	Subject Title	Credits	Teaching Scheme Hrs/week			Examination				Total Marks
						Continuous Assessment		Semester End Examination (C3)		
			Lecture	Tutorial	Practical	C1	C2	Exam. Duration (Hrs)	Theory/ Practical	
BI- HCT-4.1	Chemo informatics and drug designing	04	4	0	0	15	15	3	70	100
BI- HCP-4.2	Practical-I: Chemo-informatics and drug designing	02	--	0	4	15	15	4	70	100
BI- SCT-4.3	Elective soft-core 4.3.1: Perl and CGI 4.3.2 Medical Bioinformatics and Big Data Analytics 4.3.3: Molecular simulations	04	04	--	--	15	15	3	70	100
BI- SCP-4.4	Practical II: Based on soft core paper	02	--	0	4	15	15	4	70	100
*BI-HCPW-4.5	Project Work	06	--	--	6	15	15	4	** 120	150
BI-OE-4.6	Open Elective Biological databases and Tools (for other Dept. Students) and Bioinformatics students can choose the other OE	04	04	--	--	15	15	4	70	100
	Total Credits	22	12		14					650

Total Credits for All four Semester: 102 credits and Marks: 3250

*HCPW- Hard Core Project Work

** Dissertation shall be evaluated for 70 Marks, Presentation and Viva Voce carries 50 Marks

M.Sc Bioinformatics (CBCS) Syllabus-2020-21

M.Sc (Bioinformatics) IIIrd Semester Syllabus Under CBCS (w.e.f. 2018-19 and onwards).

Course Code	Subject Title	Credits	Teaching Scheme Hrs/week			Continuous Assessment		Examination Semester End		Total Marks
			Lecture	Tutorial	Practical	C1	C2	Exam. Duration (Hrs)	Examination (C3) Theory/ Practical	
BI-HCT-3.1	Genomics, Proteomics and System Biology	04	4	0	0	15	15	3	70	100
BI-HCP-3.2	Practical-I: Genomics, Proteomics and System Biology	02	--	0	4	15	15	4	70	100
BI-HCT-3.3	Multivariate Techniques	04	4	0	0	15	15	3	70	100
BI-HCP-3.4	Practical-II: Multivariate Techniques	02	--	0	4	15	15	4	70	100
BI-SCT-3.5	Elective soft-core 3.5.1: DBMS 3.5.2: Molecular Modeling and Molecular Dynamics 3.5.3: IPR, Entrepreneurship and Bioethics	04	04	--	--	15	15	3	70	100
BI-SCP-3.6	Practical IV: Based on soft core paper	02	--	0	4	15	15	4	70	100
#BI-ESS-3.7	Entrepreneurship and Start-up Studies *	02	--	--	4	15	15	4	70**	100
BI-OE-3.8	Open Elective Biological databases and Tools (for other Dept. Students) and Bioinformatics students can choose the other OE	04	04	--	--	15	15	4	70	100
	Total Credits	24	16							800

#ESS- Entrepreneurship and Start-up Studies * Entrepreneurship and Startup Studies Report is mandatory in 3rd Semester, **In C3 evaluation 70 marks is been distributed as 50 marks for report submission and 20 marks for presentation and Viva-Voce

Enclosure – 2

DEPARTMENT OF BOTANY

Karnataka State Akkamahadevi Women's University, Vijayapura

Syllabus

For

P.G. Studies in

BOTANY

Choice Based Credit System
2021-22 onwards

Enclosure-2

Karnataka State Akkamahadevi Women's University, Vijayapura

M.Sc. Botany Programme - Choice Based Credit System (CBCS) Syllabus

CORE SUBJECT: BOTANY – [Post Graduate]

Course code	Course name	Credits				Marks										Remark
						C1			C2			C3			Total	
		L	T	P	Total	L	T	P	L	T	P	L	T	P		
Semester I																
HCT-1.1	Phycology, Mycology, Bacteriology and Virology	04			04	15			15			70			100	
HCT-1.2	Bryophytes and Pteridophytes	04			04	15			15			70			100	
HCT-1.3	Gymnosperms and Palaeobotany	04			04	15			15			70			100	
SCT-1.1*	Plant Pathology / Phytogeography and Evolution / Biostatistics and Bioinformatics *(One of the above SOFT CORE subjects shall be selected by the candidate/ as per the decision of the Departmental Council one SC may be offered)	04			04	15			15			70			100	
HCP-1.1	Phycology, Mycology, Bacteriology and Virology			02	02			15			15			70	100	
HCP-1.2	Bryophytes and Pteridophytes			02	02			15			15			70	100	
HCP-1.3	Gymnosperms and Palaeobotany			02	02			15			15			70	100	
SCP-1.1*	*Based on Soft Core Paper offered			02	02			15			15			70	100	
O.E-1.1	Offered by Department of Women's Studies	04			04	15			15			70			100	
Total		20		08	28	75		60	75		60	350		280	900	
Semester II																
HCT-2.1	Ecology and Environmental Biology	04			04	15			15			70			100	
HCT-2.2	Cell and Molecular Biology	04			04	15			15			70			100	

Semester II (continued)

Code	Title of the Paper	Credits (Theory)	Credits (Practical)	Total Credits	I.A.	I.A.	Exam (Theory)	Exam (Practical)	Total
HCT-2.3	Genetics and Evolution	04		04	15	15	70		100
SCT-2.1*	Plant Biotechnology / Biodiversity and Conservation / Nutraceuticals *(One of the above SOFT CORE subjects shall be selected by the candidate/ as per the decision of the Departmental Council one SC may be offered)	04		04	15	15	70		100
HCP-2.1	Ecology and Environmental Biology		02	02	15	15		70	100
HCP-2.2	Cell and Molecular Biology		02	02	15	15		70	100
HCP-2.3	Genetics and Evolution		02	02	15	15		70	100
SCP-2.1*	*Based on Soft Core paper offered		02	02	15	15		70	100
OE-2.1	Offered by Department of Women's studies	04		04	15	15	70		100
Total		**20**	**08**	**28**	**75**	**60**	**350**	**280**	**900**

Semester III

Code	Title of the Paper	Credits (Theory)	Credits (Practical)	Total Credits	I.A.	I.A.	Exam (Theory)	Exam (Practical)	Total
HCT-3.1	Systematic Botany of Angiosperms	04		04	15	15	70		100
HCP-3.2	Botanical Tour and Herbarium preparation 1. The candidate shall undertake compulsorily field work outside the campus area/District, a minimum of 3 to 4 days to understand floristic diversity of Angiosperms and to collect specimens from various agro-climatic conditions for the preparation of the Herbarium. 2. The University shall encourage the Department by providing required funds to undertake field studies by the students, since it is hard core subject required for the completion of the M.Sc. Botany programme.		02	02					50
HCT-3.3	Reproductive Biology of Angiosperms and Plant Anatomy	04		04	15	15	70		100
SCT-3.1*	Economic Botany	04		04	15	15	70		100

Code	Subject	Credits	Hrs (T)	Hrs (P)	IA (T)	IA (P)	Exam	Total
	Medicinal Plants and Phytochemistry Plant Genetic Engineering *(One of the above SOFT CORE subjects shall be selected by the candidate/ as per the decision of the Departmental Council one SC may be offered)							
HCP-3.1	Systematic Botany of Angiosperms		02	02	15	15	70	100
HCP-3.3	Reproductive Biology of Angiosperms and Plant Anatomy		02	02	15	15	70	100
SCP-3.1*	*Based on Soft Core paper offered		02	02	15	15	70	100
OE-3.1*	Plant Diversity and Human Welfare Principles and Practices of Organic Farming *(One of the above OPEN ELECTIVE subjects shall be selected by the candidate/ as per the decision of the Departmental Council one OE may be offered)	04		04		15	70	100
	Total	16	06	24	45	45	210	750
				75	75	350		

Semester IV

Code	Subject	Credits	Hrs (T)	Hrs (P)	IA (T)	IA (P)	Exam	Total
HCT-4.1	Plant Physiology	04		04	15	15	70	100
HCPW-4.2	Project work*		06	06				100
SCT-4.1*	Plant Breeding Methods in Plant Science Ethnobotany and IPR *(One of the above SOFT CORE subjects shall be selected by the candidate/ as per the decision of the Departmental Council one SC may be offered)	04		04	15	15	70	100
HCP-4.1	Plant Physiology		02	02	15	15	70	100
SCP-4.1*	*Based on Soft Core paper offered		02	02	15	15	70	100
O.E-4.1*	Medicinal Botany Aesthetic Botany *(One of the above OPEN ELECTIVE subjects	04		04		15	70	100

shall be selected by the candidate/ as per the decision of the Departmental Council one OE may be offered)										
Total	12	08	20	45	45	30	30	210	140	600
Programme total										3150

L- Lecture, T- Tutorial, P- Practical.

HCT- Hard Core Theory; SCT- Soft Core Theory; OE- Open Elective; HCP- Hard Core Practical; SCP- Soft Core Practical.

HCPW- Hard Core Project Work/Dissertation.

*The Project work shall be evaluated for 100 marks (50 marks for dissertation, 20 marks for presentation and viva-voce examination by inviting external examiner along with internal examiner and 30 marks for internal Assessment).

4

Board of Studies Members

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3. Dr. H.R. Raveesha, Professor, Dept. of Botany, Bangalore University — Member
4. Dr. Prashanth S J, Associate Professor, Coordinator, Dept. of Botany — Member and Convener

Sd/-

Chairman/ Co-ordinator
Board of Studies (BOS) in Botany
Dept. of Botany, Karnataka State Akkamahadevi Women's University
Vijayapura – 586 108, Karnataka

Scheme of Teaching, Examination and Credit points of M.Sc. Botany Programme w.e.f. 2021-22

Semester	Paper No. and Title	Teaching Hrs/week	Internal Assessment	Exam Hrs	Exam Marks	Credits
I	HCT-1.1: Phycology, Mycology, Bacteriology and Virology	04	30	03	70	04
	HCT-1.2: Bryophytes and Pteridophytes	04	30	03	70	04
	HCT-1.3: Gymnosperms and Palaeobotany	04	30	03	70	04
	SCT-1.1: Plant Pathology	04	30	03	70	04
	SCT-1.1: Phytogeography and Evolution					
	SCT-1.1: Biostatistics and Bioinformatics					
	HCP-1.1: Phycology, Mycology, Bacteriology and Virology	04	30	04	70	02
	HCP-1.2: Bryophytes and Pteridophytes	04	30	04	70	02
	HCP-1.3: Gymnosperms and Palaeobotany	04	30	04	70	02
	SCP-1.1: Based on Soft Core Paper offered	04	30	04	70	02
	OE-1.1: Offered by Department of Women's Studies	04	30	03	70	04
II	HCT-2.1: Ecology and Environmental Biology	04	30	03	70	04
	HCT-2.2: Cell and Molecular Biology	04	30	03	70	04
	HCT-2.3: Genetics and Evolution	04	30	03	70	04
	SCT-2.1: Plant Biotechnology	04	30	03	70	04
	SCT-2.1: Biodiversity and Conservation					
	SCT-2.1: Nutraceuticals					
	HCP-2.1: Ecology and Environmental Biology	04	30	04	70	02
	HCP-2.2: Cell and Molecular Biology	04	30	04	70	02
	HCP-2.3: Genetics and Evolution	04	30	04	70	02
	SCP-2.1: Based on Soft Core Paper offered	04	30	04	70	02
	OET-2.1: Offered by Department of Women's Studies	04	30	03	70	04
III	HCT-3.1: Systematic Botany of Angiosperms	04	30	03	70	04
	HCP-3.2: Botanical Tour and Herbarium preparation	04	14	--	36	02
	HCT-3.3: Reproductive Biology of Angiosperms and Plant Anatomy	04	30	03	70	04
	SCT-3.1: Economic Botany	04	30	03	70	04
	SCT-3.1: Medicinal Plants and Phytochemistry					
	SCT-3.1: Plant Genetic Engineering					
	HCP-3.1: Systematic Botany of Angiosperms	04	30	04	70	02
	HCP-3.3: Reproductive Biology of Angiosperms and Plant Anatomy	04	30	04	70	02
	SCP-3.1: Based on Soft Core Paper offered	04	30	04	70	02
	OET-3.1: Plant Diversity and Human Welfare	04	30	03	70	04
	OET-3.1: Principles and Practices of Organic Farming					
IV	HCT-4.1: Plant Physiology	04	30	03	70	04
	HCPW-4.2: Project Work	06	30	--	70	06
	SCT-4.4: Plant Breeding	04	30	03	70	04
	SCT-4.4: Methods in Plant Science					
	SCT-4.4: Ethnobotany and IPR					
	HCP-4.1: Plant Physiology	04	30	04	70	02
	SCP-4.1: Based on Soft Core Paper offered	04	30	04	70	02
	OET-4.1: Medicinal Botany	04	30	03	70	04
	OET-4.1: Aesthetic Botany					

Total Marks (I to IV Semester) = 2750 + 400 (OET)

**HCT: Hard Core Theory; SCT: Soft Core Theory; HCP: Hard Core Practical
SCP: Soft Core Practical; HCPW: Project Work and Dissertation, OET: Open Elective Theory**

Karnataka State Akkamahadevi Women's University, Vijayapura
M. Sc. Botany, Choice Based Credit System (CBCS) Syllabus,
CORE SUBJECT: Botany – [Post Graduate]

Semester I	Hrs/week	Credits
HCT-1.1: Phycology, Mycology, Bacteriology and Virology	04	04
HCT-1.2: Bryophytes and Pteridophytes	04	04
HCT-1.3: Gymnosperms and Palaeobotany	04	04
SCT-1.1: Plant Pathology	04	04
SCT-1.1: Phytogeography and Evolution		
SCT-1.1: Biostatistics and Bioinformatics		
HCP-1.1: Phycology, Mycology, Bacteriology and Virology	04	02
HCP-1.2: Bryophytes and Pteridophytes	04	02
HCP-1.3: Gymnosperms and Palaeobotany	04	02
SCP- 1.1: Based on Soft Core Paper offered	04	02
OE-1.1: Offered by Department of Women's Studies	04	04
	Sub. Total:28	

Semester II		
HCT-2.1: Ecology and Environmental Biology	04	04
HCT-2.2: Cell and Molecular Biology	04	04
HCT-2.3: Genetics and Evolution	04	04
SCT-2.1: Plant Biotechnology	04	04
SCT-2.1: Biodiversity and Conservation		
SCT-2.1: Nutraceuticals		
HCP-2.1: Ecology and Environmental Biology	04	02
HCP-2.2: Cell and Molecular Biology	04	02
HCP-2.3: Genetics and Evolution	04	02
SCP-2.1: Based on Soft Core Paper offered	04	02
OET-2.1: Offered by Department of Women's Studies	04	04
	Sub. Total:28	

Semester III		
HCT-3.1: Systematic Botany of Angiosperms	04	04
HCP-3.2: Botanical Tour and Herbarium preparation	04	02
HCT-3.3: Reproductive Biology of Angiosperms and Plant Anatomy	04	04
SCT-3.1: Economic Botany	04	04
SCT-3.1: Medicinal Plants and Phytochemistry		
SCT-3.1: Plant Genetic Engineering		
HCP-3.1: Systematic Botany of Angiosperms	04	02
HCP-3.3: Reproductive Biology of Angiosperms and Plant Anatomy	04	02
SCP-3.1: Based on Soft Core Paper offered	04	02
OET-3.1: Plant Diversity and Human Welfare	04	04
OET-3.1: Principles and Practices of Organic Farming		
	Sub. Total:24	

Semester IV		
HCT-4.1: Plant Physiology	04	04
HCPW-4.2: Project Work	04	04
SCT-4.4: Plant Breeding	04	04
SCT-4.4: Methods in Plant Science		
SCT-4.4: Ethnobotany and IPR		
HCP-4.1: Plant Physiology	04	02
SCP-4.1: Based on Soft Core Paper offered	04	02
OET-4.1: Medicinal Botany	04	04
OET-4.1: Aesthetic Botany		
	Sub. Total:20	

Total Credits: 64+04 (Theory + Project) +32 (Practical + Field study or Study tour) = 100 credits

Note:
1. There shall be 30 marks as internal assessment (IA) for each theory paper and practical paper
2. There shall be 70 marks for each theory paper and practical final examination at the end of each semester.
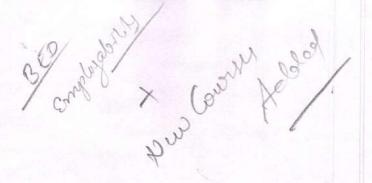3. The project work carries 100 marks (Dissertation-50, Presentation and Viva voce- 20 and Internal Assessment - 30).

Open Elective Papers for other Department students:

	Hrs/Week	Credits
Semester- I		
OET 1.1 – Offered by the Department of Women's Studies	04	04
Semester- II		
OET 2.1 – Offered by the Department of Women's Studies	04	04
Semester-III		
OET-3.1 - Plant Diversity and Human Welfare	04	04
Principles and Practices of Organic Farming		
Semester-IV		
OET-4.1- Medicinal Botany	04	04
Aesthetic Botany		

OET Total Credits: 16

Note:
1. There shall be 30 marks as internal assessment (IA) for each theory paper
2. There shall be 70 marks for each theory paper

SEMESTER – III

Theory

Sl. No.	Paper Code No. and Title	Credits	No. of Hrs / Week Theory / Practical	Duration of Exam Hrs Theory / Practical	Internal Assessment Marks Theory / Practical	Exams Marks	Total Mark
1.	STCT: 3.1: Multivariate Analysis	4	4	3	20	80	100
2.	STCT: 3.2: Testing of Hypotheses	4	4	3	20	80	100
3.	STCT: 3.3: Biostatistics	4	4	3	20	80	100
4.	STCT: 3.4: Computational Statistics	4	4	3	20	80	100

Practical

Sl. No.	Paper Code No. and Title	Credits	No. of Hrs / Week	Duration of Exam Hrs	Internal Assessment Marks	Exams Marks	Total Mark
1.	STCP: 3.1: (Based on STCT 3.1)	2	3	3	10	40	50
2.	STCP: 3.2: (Based on STCT 3.2)	2	3	3	10	40	50
3.	STCP: 3.3: (Based on STCT 3.3)	2	3	3	10	40	50
4.	STCP: 3.4: (Based on STCT 3.4)	2	3	3	10	40	50

SEMESTER – IV

Theory

Sl. No.	Paper Code No. and Title	Credits	No. of Hrs / Week Theory / Practical	Duration of Exam Hrs Theory / Practical	Internal Assessment Marks Theory / Practical	Exams Marks	Total Marks
1.	STCT: 4.1: Design of experiments	4	4	3	20	80	100
2.	STCT: 4.2: SQC & Reliability Theory	4	4	3	20	80	100

Optionals (Any two)

Sl. No.	Paper Code No. and Title	Credits	No. of Hrs / Week	Duration of Exam Hrs	Internal Assessment Marks	Exams Marks	Total Marks
3.	STET: 4.3: Demography	4	4	3	20	80	100
4.	STET: 4.4: Operations Research	4	4	3	20	80	100
5.	STET: 4.5: Survival Analysis	4	4	3	20	80	100
6.	STET: 4.6: Actuarial Statistics	4	4	3	20	80	100
7.	STET: 4.7: Financial Statistics	4	4	3	20	80	100
8.	STET: 4.8: Statistical Genetics	4	4	3	20	80	100

Practical

Sl. No.	Paper Code No. and Title	Credits					Total Marks
1.	Project (12 hrs / week)	8	Dissertation - 100	Presentation - 50	Viva - 50	--	200

2

COURSE STRUCTURE FOR THE TWO-YEAR B.Ed. PROGRAMME
SEMESTER WISE DISTRIBUTION OF THE COURSE

Semester 1

Sl.No.	code	Papers	Credit 14	Internal Marks		External Marks		Total
				Max	Min	Max	Min	
Course 1	Ed-1	Childhood and Growing up	04	20	08	80	32	100
Course 2	Ed-2	Contemporary India and Education	04	20	08	80	32	100
Course 3A	Ed-3A	Knowledge and Curriculum - Part-1 (½)	02	10	05	40	15	50
Course 4	Ed-4	Assessment for Learning	04	20	08	80	32	100
	1) EPC-I	: Reading and Reflecting on Texts (½) (Activities based Assignments)		50	20	--	--	50
	2)	Pre – Internship: I Semester		25	10	--	--	25
		Total		145		280		425

(Engagement with the Field: Tasks and Assignments for Courses 1, 2, 3A, & 4)

Semester 2

Sl.No.	code	Papers	Credit 14	Internal Marks		External Marks		Total
				Max	Min	Max	Min	
Course 5	Ed-5	Learning and Teaching	04	20	08	80	32	100
Course 3B	Ed-3B	Knowledge and Curriculum - Part II (½)	02	10	05	40	15	50
Course 6	Ed-6	Understanding Disciplines and Subjects (½)	02	10	05	40	15	50
Course 7	Ed-7	Language across the Curriculum (½)	02	10	05	40	15	50
Course 8A	Ed-8A	Pedagogy of School Subject 1 –Part-1(½)	02	10	05	40	15	50
Course 9A	Ed-9A	Pedagogy of School Subject 2 –Part-1(½)	02	10	05	40	15	50
	1) EPC-2	Drama and Art in Education (½) (Activities based Assignments)		50	20	--	--	50
	2)	Pre - Internship-II Semester		25	10	--	--	25
		Total		145		280		425

*Engagement with the Field: Tasks and Assignments for Courses Ed- 5, 3B, 6, 7, 8A & 9A) **Total= 425***

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Karnataka State Akkamahadevi Women's University
Jnana Shakti Campus,
Vijayapura-586105.

Semester – I : Pre-Internship for Two Weeks

Assessment is based on the following activities –	
* Micro Teaching (5 Skills) (Both Teaching Subjects) (Each Skill of 1 Mark)	5
* Lesson plan, Unit Plan and year plan format & Demonstration lessons	5
* One week, regular observation of regular teacher (at the beginning of practice teaching.)	5
* Content Analysis and mode of transaction (Assignment in each teaching subject, 2 X2.5)	5
* Creating and maintaining teaching learning material for the school (which can become valuable resource for the regular teachers of the school. a) TLM in each teaching subject (2 X2.5)	5
Total Marks	**25**

* Undertaking an activity is mandatory.

Engagement with the Field: Tasks and Assignments for Courses 1, 2, 3A, & 4:

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Vijayapura-586105.

Semester-3

Sl.No.	Code	Papers Title	Cre dits	Internal Marks Max	Internal Marks Min	External Marks Max	External Marks Min	Total
Theory	Ed-12	Inclusive Education	04	20	08	80	32	100
	Ed-13	Educational Evaluation	04	20	08	80	32	100
	Ed-14	Optional Course (Any One)	04	20	08	80	32	100
	Ed-15	Pedagogy of School Subject –I	02	10	04	40	16	50
	Ed-16	Pedagogy of School Subject –II	02	10	04	40	16	50
EPC &EF	Ed-17 A	*Understanding Drama and Art in Education*	02	50	25	--	--	50
	B	*Research Project*	02	50	25	--	--	50
	C	*Field Assignment & CTC(30+20)*	02	50	25	--	--	50
	D	*School Lessons and Reflective Diary*	02	50	25	--	--	50
		Total	24	280		320		600

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Vijayapura-586105.

2

ED.17-B: RESEARCH PROJECTS

Contact Hours: 30   Marks: 50   2 Credits

Objectives: To enable the teacher trainees:

1. To familiarize with the concept of Action Research in Education and the Potential in holds for the improvement in the performance of the school.

2. To identify and formulate suitable problems for Action Research.

3. To get acquainted with the various steps of conducting Action Research.

4. To understand and use descriptive statistical techniques in Action Research and

5. To acquire the skills of planning executing evaluating and reporting of an Action Research Project.

Unit - I: Research and Education

1.1. Educational Research- Meaning, Steps and its Classification,

1.2. The Need, Nature and Importance of Educational Research in general and specifically Action Research.

1.3. Types of Action Research - Individual and Collaborative.

1.4. Action Research Methodology: Definition of the Problem, Identification of a Problem, Steps of conducting Action Research, Drafting Action Research Proposal, Reporting Action Research.

Unit - II: Descriptive Statistics

2.1. Classification and tabulation of Data,

2.2. Measures of Central Tendency-Mean, Median and Mode.

2.3. Measures of Variability - Mean Deviation, Standard Deviation and Quartile Deviation;

2.4. Measures of Correlation - Rank Difference and Product Moment Method;

2.5. Normal Probability curve - Properties and Uses.

2.6. Testing of Differences: t-test.

2.7. Graphical Representation of Data- Histogram, Bar Diagram, Pie Chart, Ogive,

Unit - III: Writing Research Report

3.1. Format of Action Research Report.

3.2. Style, Typing, Bibliography, Pagination, Tables, Figures, Graphs.

3.3. Difference between Reference and Bibliography, Appendices.

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Assignments:

Identify problem and execute Action Research in any one of the following areas and submit a Report.

(1) Staff (2) Students (3) Discipline/Subject (4) Teaching strategies/Methods (5) Community Participation (6) Parental Attitudes (7) Children with Special Needs (8) Facilities in the School, etc.

Scheme of Assessment:

Sl.No	Item	Marks
1	One test (Two hour duration of 50 marks Reduce to 10 marks)	10
2	One theory Oriented Assignment/ Seminar Presentation	10
3	Conduct of One Action research Project on any one area/ Problem at the School/ Field Level	30
	Total	50

References:

➢ Dandapani.S: Action Research Studies to improve Classroom Practice, Neelkamal Publications Pvt.Ltd, Hyderabad,2016.

➢ Best, J.W.: Research in Education. Prentice Hall of India, New Delhi, 1980.

➢ Alma Juliet Pamela.A: Strategies and Techniques for Research in Education, Neelkamal Publications Pvt.Ltd, Hyderabad, 2016.

➢ Bhatt. Dipti. P: Research Methods in Education, Neelkamal Publications Pvt.Ltd, Hyderabad, 2015.

➢ Koul Lokesh: Methodology of Educational Research, Vikas Publishing House Pvt.Ltd, New Delhi, 2002.

➢ Garrett, H.E.: Statistics in Psychology and Education. Vakil Faffer and Simon, Bombay, 1975.

➢ Good, C.V.: Essentials of Educational Research: Methodology and Designs. Appleton Century Crofts, New York, 1941.

➢ NCERT: Research in Education. New Delhi, NCERT, 1962.

➢ Pal, H.R.: Educational Research. Bhopal, M.P.Granth Academy, 2004.

➢ Rawat, D.S.: Research in Classroom. NCERT, New Delhi, 1969.

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ED.17-C: FIELD ASSIGNMENT AND CTC

Contact Hours: 30 Total Marks: (30+20): 50 Credits: 02

(Unit-Plan based Lessons: Internal Assessment)

Aims of the Course

Each trainee teacher has to practice at least 3 Unit plan based Lessons in each PSS-I&II, and conduct Unit-Test in each methods, after analysis and Interpretation of result submit a report.

Component	Details of Inputs	Marks
I) Unit- Plan based Lessons (3+3=6)	PSS-I : Unit-Plan and Unit-Test =15 Marks (at least 3 Lessons per pedagogy subject and 1period for Test) PSS-II : Unit-Plan and Unit-Test =15 Marks (at least 3 Lessons per pedagogy subject and 1period for Test)	30
II) C.T.CAMP(3 days)	3 Days Camp should be conducted in the Rural Area and Students should stay in the camp in all the 3 Days and submit the report at the end of the camp. For attendance :10 Marks For Report : 10 Marks	20
Total		**50**

Employability

ED-22-B: FIELD WORK AND IMERSION

6-Credits   **150 -Marks**

INTERNSHIP PROGRAMME DETAILS:

Following is the suggestive mode; that has been evolved keeping in the context the importance of the activity as envisaged by the NCTE. The institute should abide to the procedure to the best of its effort. It should be conducted minimum of **50 working days**.

There are 3 stages in the internship programme. They are

i. Pre-internship stage

ii. Actual internship stage &

iii. Post-internship stage

I) Pre-internship Stage

Sl. No	Activity/ Mode	Beneficiary	Requirements	Outcome	Probable month
1	Meeting	Faculty Members of GCTEM	Curriculum finalized, Roles and Responsibilities sheets		
2	Meeting	BEOs, Principals of B. Ed Colleges, DDPI(Admin), DIET Principal & DDPIPU	Two :Years B. Ed Curriculum, Roles and Responsibilities		
3	BEOs, Principals of B. Ed Colleges, DDPI(Admin), DIET Principal & DDPIPU	Two :Years B. Ed Curriculum, Roles and Responsibilities	BEOs, Principals of B. Ed Colleges, DDPI(Admin), DIET Principal & DDPIPU	Two :Years B. Ed Curriculum, Roles and Responsibilities	
4	Training of Supervisory staff	All Head Teachers of the selected schools and Principals of selected PU Colleges, Mentor Teachers and GCTEM Faculty and DIET faculty	Developed materials for internship, B. Ed Curriculum, Roles and Responsibilities	Practice to use the internship materials effectively	

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II, b) Actual Internship Stage(II Phase)

Sl. No.	Activity	Place	Process	No of Days/week	Monitoring Staff/ Agency
1.	Practice Teaching	Allotted School/ College	Actual trainee takes the class with regular allotment and getting feedback after each class	10 weeks	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
2	Innovative class		Trainee with his/her own innovations takes the class and getting feed back after each class	4 day (4 Classes)	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
3	Conducting Unit test		Trainee conducts the Unit test	1 day	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
4	Declaring the results of the Unit test and prepare for next Remedial session			1 day	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
5	Remedial classes		Trainee organizes the Remedial classes to the below average students and conducts unit test	1 week	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
6	Conducting classes with ICT		Trainee using computer with internet conducts classes which is observed by the monitoring authorities	1 week	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
7	Organizing Co-scholastic activities to the students		Trainee organizes various activities in the area of his choice including PE & HE	4 days	Head Teacher/Mentor/GCTEM Faculty / DIET Faculty
8	Conducting Action Research		Trainee during his practicing session identifies the low achievers and conducts action research	10 Days	

III) Internship Stage at GCTEM (II Phase)

Sl. No.	Activity	No. of days	Monitoring Agency
1.	Presentation by the trainee	2 day	Principal, Reader & Lecturer of GCTEM
2.	Viva voce	2 day	Reader & Lecturer of GCTEM
3.	Submission of Reports on Visits organized, Unit tests with analysis, Case study, Action Research, Co-Scholastic area report, Lesson Plan, Unit Plan,	2 day	PST Reader & Lecturer of GCTEM
4.	Reports by the Supervising authority- BEO, BRC,SI, EO, DIET faculty, DDPIPU, DDPI, Mentor, GCTEM faculty		Principal, Reader & Lecturer of GCTEM

ED-22-C: PRACTICAL EXAMNATION (2+2=4 Credits)

The university shall conduct practical examination in teaching one lesson in each of the subjects of practice teaching offered by the student under **PSS-I** and **PSS- II** at the end of the 04th semester. Each lesson shall be observed fully and assessed by two examiners preferably one internal and other external chosen on the basis of their special knowledge of the subject. Both the lessons should be presented preferably in 5E'S Lesson Plan Model. The final result shall taken into account the performance of the student assessed both internal and externals. The Practical Examination Marks should be treated as External.

Scheme of Assessment:

Sl.No	Subject	Duration	Internal	external	Average Marks
01	Pedagogy of School Subject(PSS) -I	45 Minutes	50	50	50
02	Pedagogy of School Subject(PSS) -II	45 Minutes	50	50	50
	Total				100

--: END OF 4TH SEMESTER: ------------------------------------

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Preparation & Presentation of the Proposal before DRC

(Code: M Ed 206) Course Activity I (b) INTERNSHIP IN TEACHER EDUCATION INSTITUTION   Marks 100

Objectives : After completion of the course, the student-teachers will be able to:-

- Internship will be organized with attachment to both pre service teacher education and in service teacher education setting.
- Necessary orientations to the students and mentor teacher educators from the respective institutions of teacher education need to be provided before organizing the internship.

Assessment is based on the following activities – Any Ten
Critical analysis of curriculum of B.Ed/M.Ed from various aspects like pedagogy, specialization offered etc in the light of NCFTE 2009
Mode of transaction and gives suggestive plan for improvement
Observation of day-to-day school activities and report of an in-depth study of two activities.
Participation and organization of co-curricular activities   ▪ Cultural, Literacy, Games & sports, *Shramdan*
Teaching work (Five period in any one compulsory paper of B.Ed)
Observation & Supervision of 5+5 lessons in each teaching subject
Participation in any two in-service teachers training programme for preparation of depth report on it.
Analyze nature & type of in-service teachers training programme organized by the institution.
Prepare an evaluation performa for in-service teachers training programme, apply it on at least 40 teachers and prepare a report on it.
Prepare a module for in-service teachers training programme and find its effectiveness.
Review new trends in research of teacher education and prepare a report.
Establishing new norms or quality · parameters of a teacher education institution from national /international level – study any one institution and prepare a report.

Organization and participation in community work
  • Organization of community work in educational and social awareness camp by B.Ed. students.
  • Participation in national program - Pulse Polio, Literacy campaign, Assistance Medical Camps and Yoga camp.

Training in management of different sections of the school
  ▪ Library management
  ▪ Administration and scoring of any five psychological tests.
  ▪ Science club.
  ▪ Office Records and maintenance of attendance register, teacher's diary & stock Register.
  ▪ Maintenance of technology department.

Training for evaluation process –Construction of question paper ; Pre-Preparation for Examination ; Evaluation of answer books and preparation of result

SEMESTER – III

(Code: M Ed H- 301) COURSE – 9: POLICY ECONOMICS AND PLANNING IN EDUCATION

                                        90 Periods   Marks 100

Objectives: After completion of the course, the student-teachers will be able to:-

Critical review on education management system of secondary school education

7 Conduct a survey in a school to assess quality issues, and make an action plan to resolve it.

8 Visit secondary teachers training in your district to review on types and trends of research, actual practices in the institution and prepare a report on variation, between national or international trend (if any)

9 Evaluation of assessment process in any school and write about its merit and demerits.

References

- Aggrawal, J.C. and Gupta, S. (2005) Curriculum development. New Delhi: Shipra Publisher.
- Alaxander, W.M. and Saylor, J.G. (1966) Curriculum Planning for modern schools . New York:Holt, Rinhart and Winston Inc.
- Balrara, M. (1999) Principles of Curriculum. Renewal. New Delhi: Kanishka Publishers.
- Candra, A. (1977) Curriculum. Development and Evaluation in education. New Delhi: Sterling Publishers.
- Darji, D.R. and Lulla, B.P. (1967) Curriculum development in secondary schools of Baroda.Baroda: Sadhana Press.
- Hassrin, M. (2004) Curriculum Planning for elementary education. New Delhi :Anmol Publishers.
- Herbert, J. W. and Geneva, D. H. (1990) International Encyclopedia of Education Evaluation. New York : Pergamon Press Oxford
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- Jhompson, K. and White, J.C. (1975) Curriculum development. London: Pitman Publishing House.
- Kumari, S. and Srivastava, D. S. (2005) Curriculum and Instruction. New Delhi : Shipra Publishers
- Macdonald, B. and Walker, R. (1976) Changing the Curriculum. Britain: Pitman Press.
- Musgrave, P.W. (1974) Contemporary studies in the Curriculum. Australia:Angus and Roberston Publishers.
- Nigam, B.K. and Khan, I.M. (1993) Evaluation and research in Curriculum Construction. New Delhi: Kaniska Publishers.
- Rajput, J.S. (2004) Encyclopedia of Indian Education. New Delhi: NCERT.
- Satyanarayan, P.V. (2004) Curriculum development and management. New Delhi: DPH
- Sharma, R. (2002) Modern methods of Curriculum Organisation. Jaipur: Book Enclave.
- Sharma, S.R. (1999) Issues in Curriculum Administration . Pearl Publishing house.

- Sockett, H. (1976) Designing the Curriculum. Britain: Pitman Press.
- Srivastava, H.S. (2006) Curriculum and methods of teaching. New Delhi: Shipra Publishers.
- Tata, H. (1962) Curriculum development theory & practice. New York: Harcourt, Brace & World Inc.

(Code: M Ed -305) Activity I (a): INTERNSHIP IN SPECIALIZATION   **Marks 100**

(Elementary or Secondary / Senior Secondary Level)
Any 10 Activities

Prepare a report after analysis of private/innovative/alternative schools which develop their own curricular or co-curricular activities/material or any innovation.
A journal should be maintained by the student in which he/she records one's experiences, observations, and reflections during internship.

52

Working with community based on any project of social welfare. (submission of activity report)
Preparing a suggested comprehensive plan of action for some aspects of school improvement
The student-teacher shall also maintain a portfolio, including detailing of teaching-learning plans, resources used, assessment tools, student observations and records.
Exhibition of work done by the students during the internship programme. (Seeking reactions of students, headmasters/ principals/ cooperating teachers and supervisors)
Interaction with head teacher, management, teachers and non-teaching staff for preparation of a report on school environment.
Analysis of text book from peace perspective.
Preparation, administration analysis of diagnostic test (s) followed by remedial teaching.
Make lesson plans at least 10- different methods in which 5 must involve students. Student could develop their own method (fusion based) with the help on teacher educator and deliver in school
Delivery of Four lessons in a school teaching subject (After each lesson of practice teaching student teacher need to discuss with subject teacher on their pedagogy and new practices. It must be seconded by the subject teacher.)
Learning achievement surveys (baseline, midterm and end term) would be made to track children's performance over the period.
Collect information about the background of children, their learning difficulties, challenges related to their performance along with the total number of children to be covered.
Type of materials to be developed for students. Analyze quality and prepare a suggestive report.
Identify role and functions of key personnel like teachers, CRCs, BRCs, DIETs, community and others who will implement the programme and strategies for their capacity building.
Laying down of minimum levels of learning and their incorporation in curricula, textbooks and teaching process
Monitoring learner achievement vis-à-vis diagnostic test and action for improving attainment levels in any school subject.
Analyze any one course curriculum /text book to find out whether the values enshrined in the Constitution of India and the National Policy on Education have been incorporated or not.
Analyze any one course curriculum /text book in the light of reflecting sensitivity to gender, caste and class parity, peace, health and needs of children with disabilities/ Link school knowledge in different subjects and children's everyday experiences.
Prepare a report on teacher/ community participation in material preparation and in developing a school vision with plan of action for enhancement of the participation.
Conduct a programme in school with/in association of local artisans/workmen in school activities.
On the basis of QMTs (developed by Govt of India with the help of NCERT) examine the quality aspect of a school, prepare a report with suggestion.
Development of strong resource pools by inviting resource persons from nearby teacher education institutions, NGOs, Colleges/ Universities and resourceful individuals form Resource Groups in different subject areas of school.
Regular school visits at least 5 weeks for addressing emerging pedagogic issues and issues related to school development.
On the basis of recommendations of Research Advisory Committee (RAC) at national level to discuss research issues and to suggest new studies to be undertaken in education and allied areas.

(Code: M Ed-306) Activity 1 (b): ACADEMIC WRITING   Marks 50

(Any Three)

Objectives : After completion of the course, the student-teachers will be able to:-
- Sensitize to their communicative behaviour.
- Enable to reject and improve their communicative behaviour performance
- Build capacities for self criticism and facilitate growth.

53

Mathur, S.S. (1969). Educational Administration – Principles and Practices. Jallander: Krishna Press.

Mckerinan , K. R.(1973). Realistic Educational Planning.UNESCO.

Mishra, A. (1967). The Financing of India. Bombay: Asia Publishing House.

Mineas, J.B. (2006). Organizational Behaviour I: Essential theories of motivation and leadership. New Delhi: Prentice Hall.

INTER-SEMESTER BREAK (ISB) – II
M.ED 205 Activity – 1(a) Dissertation   Marks 50

- Students will explore the areas of educational research.
- The chosen topic must be from the area of specialization.
- Identification of the problem and defining the problem in operational terms.

Semester IV

Theory Courses

Objectives:

- Formulating research questions with the help of the supervisor and elaborating the research.
- Acquiring information independently and assessing its relevance for answering the research questions. ·
- Acquiring attitude to work on scientific research in a team.
- Learning to communicate in a scientific language through collaboration with fellow students and researchers.
- Following up and analyzing developments in the chosen area, through training and by making contact with the current research in one of the areas.
- Using adequate experimental or theoretical methods and techniques.
- Critically analyzing the results and their interpretation.
- Reporting and presenting the original results in an orderly way and placing the open questions in the right perspective. Linking techniques and results from literature as well as actual research and future research lines with research.

1. A candidate shall have dissertation for M.P.Ed. – IV Semester and must submit her Synopsis and get it approved by the Head of Department on the recommendation of D.R.C. (Departmental Research Committee).

2. A candidate selecting dissertation must submit her dissertation not less than one week before the beginning of the 4th Semester Theory Examination.

3. The candidate has to face the Viva-Voce conducted by DRC, (Departmental Research Committee).

Activities:

- Scoring the data: scoring the responses based on scoring key previously prepared and as per the objectives of the study.
- Tabulate the scored data: Preparation of suitable tables in MS excel, to enter the data to the supervisor.
- Analysis of the tabulated Data: Applying the suitable statistical analysis to the tabulated data. Graphical representation of the data, calculation of descriptive measurers, Inferential analysis of the data based on objectives of the study. Identifying the major findings and discussion of the finding and a report of the same to be submitted to the supervisor.

- Reporting of research study:

Chapterization: preparation of chapter headings and sub headings

Writing of chapters:

Chapter one: Introduction

Chapter two: Review of Related Literature

Chapter three: Methodology

Chapter Four: Analysis and Interpretation of the data

Chapter Five: Summery and conclusion, Preparation of Bibliography using APA Style, Preparation of Appendices, Submission of the Final Dissertation.

4.3 SC RESEARCH METHODOLOGY/ DISSERTATION

Objectives:
1) To understand the basics of research methodology
2) To undertake minor research work
3) To equip with the art of research writing

1. Research in Humanities
   - Nature
   - Meaning
   - Scope
   - Objectives
2. Review of Literature
3. Research Methodology
   - Definition
   - Meaning
   - Types of Methods
4. Choosing the topic / title of the Dissertation / Thesis
5. Assumptions
6. Primary Source and Secondary Source
7. Mechanics of Research Writing
8. Format of the Research paper
9. Documentation
   - Notes
   - References
   - Works cited
10. Bibliography
    - Descriptive Bibliography
    - Select Bibliography
    - Working Bibliography
11. Using of Library and Internet

Course Outcomes

CO 1: Students learning this course shall be greatly benefitted for their research.

CO 2: With this unique course, the students shall be able to understand the nuances and the differences of approaches used in literary research and research in other subjects.

EN: 4.4 OEC: FUNCTIONAL ENGLISH

Objectives:

1) To improve the communicative skills of the students by making them to study grammar and composition with exhaustive practices.

Components/Keys: Phrases and Idioms, Communication, Scope of English Grammar, Dialogue Writing, Short Story Writing, Paragraph Writing, Comprehension, Vocabulary and Usage, Clauses, Direct and Indirect Speech, Word Formation,

Grammar ComponentsPrescribed: (any five)

1. **Parts of speech**
2. **Articles and Punctuations**
3. **English Tenses and Voices**
4. **Direct Indirect Speeches**
5. **Letter Writing**

SUGGESTED READING:

Leech Geoffrey and Svartvik: Jan 1975, *A Communicative Grammar of English*, ELBS and Longman Group Ltd, London.

Mc. Arthur Tom: 1981, *Longman Lexicon of contemporary English*, Longman Group Ltd, Essex.

F. Palmer: 1985, *Grammar*, ELBS and Longman Group Ltd., London.

George Santayana: *Lucretius*(prose)

Course Outcomes

CO 1: Students after going through this course shall be able use the English language in their day-to-day life efficiently.

CO 2: Students will be able to find a lot of opportunities in careers that require proficiency in English language.

CO 3: The students shall have a sound knowledge of English grammar, composition and usage, through this course.

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DEPT OF URDU

SYLLABUS 2022-23 ONWARDS

I sem

HC .1.1:	Masnavi & Qasida
HC .1.2:	Classical Pross
HC .1.3:	Urdu Zuban O Adab Aur Lisaniyat
SC.1.4.1:	Mulla Wajjhi
SC.1.4.2:	Wali Aurangabadi
SC 1.4.3:	Adab ki Tadrees
O.E 1.5:	Study of Urdu Languages & Simple Grammer.

II sem

HC2.1:	Novel Aur Afsana ✓
HC2.2:	Jadeed Urdu Nazm
HC2.3:	Mass Media & Translation
SC2.4.1:	Sir Sayyed
SC2.4.2 :	Meer Taqui Meer
SC2.4.3:	Gair Afsanvi Nsar
O.E 2.5:	Forms of Urdu Literature

Co-ordinator
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ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ವಿಜಯಪುರ

(ಹಿಂದಿನ ಪದನಾಮ: ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ವಿಜಯಪುರ)

ಎಂ.ಎ. ಕನ್ನಡ ಸೆಮಿಸ್ಟರ್ ಕೋರ್ಸಿನ ಪಠ್ಯಕ್ರಮ

೨೦೯-೨೦, ೨೦೨೦-೨೧, ೨೦೨೧-೨೨ರ ಅವಧಿಗಾಗಿ

ಸೆಮಿಸ್ಟರ್-೪

ಪತ್ರಿಕೆ ಸಂಖ್ಯೆ	ಪತ್ರಿಕೆ ಹೆಸರು	ಘಟಕಗಳು	ಮೌಲ್ಯಾಂಕ	ಬೋಧನಾ ಅವಧಿ	ಪರೀಕ್ಷೆ ಅಂಕಗಳು ೮೦ ಮತ್ತು ಆಂತರಿಕ ಅಂಕಗಳು ೨೦	ಪರೀಕ್ಷಾ ಅವಧಿ
Kan-HC.೪.೧	ಜನಪದ ಸಾಹಿತ್ಯ	೪	೪	೪	೧೦೦	೩
Kan-HC.೪.೨	ಛಂದಸ್ಸು ಮತ್ತು ಗ್ರಂಥ ಸಂಪಾದನೆ	೪	೪	೪	೧೦೦	೩
Kan-HC.೪.೩	ಕನ್ನಡ ವ್ಯಾಕರಣ	೪	೪	೪	೧೦೦	೩
ಸಾಫ್ಟ್‌ಕೋರ್ ಪತ್ರಿಕೆ- ಒಂದನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು						
Kan-SC.೪.೪.೧	ಮಹಿಳಾ ಸಾಹಿತ್ಯ- ೩	೪	೪	೪	೧೦೦	೩
Kan-SC.೪.೪.೨	ಸಾಂಗತ್ಯ ಸಾಹಿತ್ಯ	೪	೪	೪	೧೦೦	೩
Kan-SC.೪.೪.೩	ಹೊಸಗನ್ನಡ ಕಥನ ಸಾಹಿತ್ಯ	೪	೪	೪	೧೦೦	೩
	ಸಂಪ್ರಬಂಧ ರಚನೆ	೪	೪	೪	೧೦೦ (ಸಂಪ್ರಬಂಧ ರಚನೆಗೆ ೮೦ ಅಂಕ). ಮೌಖಿಕ ಪರೀಕ್ಷೆಗೆ ೨೦ಅಂಕ.	೩
				ಒಟ್ಟು-೨೦		
ಒಟ್ಟು ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳು ಒಟ್ಟು ಮೌಲ್ಯಾಂಕ=೮೦						

Open Elective Papers

೧. Kan-OE-೦೧- ವ್ಯಾವಹಾರಿಕ ಕನ್ನಡ

೨. Kan-OE-೦೨-ಕನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಸಂಸ್ಕೃತಿ

(ಕನ್ನಡ ಅಧ್ಯಯನ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿನಿಯರನ್ನು ಹೊರತುಪಡಿಸಿ ಬೇರೆ ವಿಭಾಗಗಳ ಸ್ನಾತಕೋತ್ತರ ವಿದ್ಯಾರ್ಥಿನಿಯರು ಈ ಪತ್ರಿಕೆಗಳನ್ನು ಅಧ್ಯಯನಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಬಹುದು.)

Sl No.	Paper Code	Title of Paper	Units	Credits	Teaching Hour	Exam Pattern Marks/Duration
		HARD CORE COURSE **Three Compulsory Papers**				
1	HC.4.1	हिंदी सिनेमा और साहित्य Hindi Cinema and Literature	05	04	05	$C_1 + C_2 + C_3 = 100$ $15 + 15 + 70 = 100$ C_1 (Internal test) =15 marks C_2 (Seminar) = 15 marks C_3 (Semester End Exam) = 70 marks of 3 hrs duration
2	HC.4.2	नाटक एवं अन्य गद्य विधाएँ Drama and other mode of prose	05	04	05	-do-
3	HC.4.3	हिंदी एवं भरतीय तुलनात्मक साहित्य Hindi and Indian Comparative Literature	05	04	05	-do-
		SOFT CORE COURSE **Students has to opt any One Soft Core Course out of Two**				
1	SC.4.1	हिंदी साहित्य में स्त्री लेखन Women Writing in Hindi literature	05	04	05	-do-
2	SC.4.2	साइबर हिंदी Cyber Hindi	05	04	05	-do-
		Dissertation + Personality Development				
1	PR	डिजर्टेशन **Dissertation + Personality Development Paper**	05	04	05	**50 + 50 = 100** **Dissertation = 50 Marks (40 for dissertation & 10 marks for viva voce)** **Personality Development = 50 marks**

1

Sl No.	Paper Code	Title of Paper	Units	Credits	Teaching Hour	Exam Pattern Marks/Duration
HARD CORE COURSE
Three Compulsory Papers
1	HC.3.1	हिंदी आलोचना एवं आलोचक Hindi Criticism and Critics	05	04	05	$C_1 + C_2 + C_3 =$ 100 $15 + 15 + 70 =$ 100 C_1 (Internal test) =15 marks C_2 (Seminar) = 15 marks C_3 (Semester End Exam) = 70 marks of 3 hrs duration
2	HC.3.2	हिंदी कथा – साहित्य Hindi Fiction	05	04	05	-do-
3	HC.3.3	हिंदी में दलित लेखन Hindi Dalit Writing	05	04	05	-do-
SOFT CORE COURSE
Students has to opt any One Soft Core Course out of Two
1	SC.3.1	हिंदी मडिया और पत्रकारिता Hindi Media and Journalism	05	04	05	-do-
2	SC.3.2	लोक-साहित्य Folk-Literature	05	04	05	-do-
OPEN ELECTIVE COURSE
Students has to Study one open Elective Course offered by University
1	OE.3.1	आधुनिक हिंदी कहानिएँ Modern Hindi Short-Stories	05	04	05	-do-

SEMESTER FOURTH :
Total Credit Value = HC : 03 (12) + SC : 01 (04) + OE : 01 (04) = 20

1

PR. 20. PROJECT WORK

(Dissertation carries 2 credit and 3 Instructional Hours per week meant creating awareness on research methodology, preparation, presentation of facts, analysis, etc.)

Every student has to submit a dissertation at the end of 4th semester. The topic of the dissertation should be selected at the beginning of the 3rd semester and same should be submitted two weeks before the end of the final semester. Separate project report viva-vocal will be conducted based on dissertation submitted. There will be continuous assessment for the program project.

The students can take the topics for the dissertation related the Hindi language and literature, inter disciplinary subjects, subject related with film, Adivasi, environmental, women, comparative, theoretical studies etc. and even the students are free to choose independent research topics with the consent of the supervising teacher.

The dimension of the project report should be in A4 size. The report should be printed in the bond paper. The general text of the report should be typed with 1.5-line spacing with font size of 16. There should be 2cm margin in all sides in the portrait orientation. The content shall be around 40 pages. (Words Count around 10,000 and maximum of 15,000 words).

FOURTH SEMESTER
JM-H- 4.4: INTERNSHIP

- **Internship:** There shall be an Internship for a period of Two months immediately after the completion of fourth semester examination. Each student shall undergo internship in any one of the reputed Media Hosue or Media Department in the State or Central Govt. approved by BOS in Journalism and Mass Communication (PG). On completion of Internship the students have to submit a report contains details of work done along with published Print or online/telecasted/Broadcasted stories/news/articles etc.., during the internship period which will be valued for 50 marks. Internship completion certificate in this respect from the concerned Head of the Media House/ Dept. shall be produced by the candidate.

FOURTH SEMESTER
JM-S-4.5 Dissertation/ Project Work

Each student has to work on a research topic/Project Work under the supervision of a supervisor and submit the report in the form of a dissertation fifteen days before the start of the IV semester examination or date fixed by the Department Council.

	Hard Core				
IIIrd	**Hard Core**				
	HI-H – 3.1	History of Modern India (1600 to 1857)	3	1	0
	HI-H – 3.2	History and Culture of Adil Shahi of Bijapur	3	1	0
	HI-H – 3.3	Research Methodology	3	1	0
	Soft core (Students have to choose any one of the following)				
	HI-S – 3.4	Freedom Movement in Karnataka	3	1	0
	HI-S – 3.5	Indian National Movement (1857A.D. To 1947A.D.)	3	1	0
	HI-S – 3.6	Minor Dynasties of Karnataka	3	1	0
	OPT*	One Elective paper among the pool of papers as prescribed by the University from time to time			
IV	**Hard Core**				
	HI-H – 4.1	History of Modern India (1858 - 1947)	3	1	0
	HI-H – 4.2	Historiography	3	1	0
	HI-H – 4.3	Dissertation	3	1	0
	Soft core (Students have to choose any one of the following)				
	HI-S – 4.4	Constitutional History of Modern India (1773 To 1950)	3	1	0
	HI-S – 4.5	History of Indian Women(Early Times To 2013)	3	1	0
	HI-S – 4.6	History of Indian Tourism	3	1	0
	OPT*	One Elective paper among the pool of papers as prescribed by the University from time to time			

- Compulsory Tour Third or Fourth semester.
- The University has identified various optional subjects to be studied at different semesters. The students shall study one paper in every semester

3. E.Sreedhan, A textbook of Historiography 500 B C to AD 2000, Delhi,-1990.

4. Collingwood.R.G,Ideas of History, upto 1994.

5. Mujumdar.R.C, Historiography in Modern India, Delhi,1995.

6. Sumit Sarkar, Writing Social History, Delhi, 1999.

Paper .HI-H. 4.3: Dissertation

Sub Code: **HI-H 4.3**	No of Lecture Hours per Week:05
Total Credit=04	Internal Marks:30 and Exam Marks:70=100

This Paper is based on the Field Work/ Library Work to taken by Students

under the Supervision of Qualified Teacher. At the end of Semester Examination

Student has to submit the Project Work based on his/her Study Tour/Field Work.

Marks Distrubition: 70 Marks for Dissertation + 30 for Viva=100.

W.S-4.3: Dissertation

Guidelines:

1. The objective of this course is to sensitize students to the ground realities concerning gender in their immediate surroundings.
2. In this course, students are expected to take up small research project and come up with a report in computer typed and bounded form (hard binding/ spiral binding)
3. There has to be minimum 15 book literature survey to be done for the said project
4. The report must be substantiated with primary and/or secondary data
5. Students will be provided with 10 days study leave to complete field work.
6. Work has to be substantiated with proper referencing style(Either foot note or end note)
7. Marks allotted for the research project : Final Project Report: 50 + Viva Voce: 30+ Guides valuation: 10+ Report Presentation through Power point: 10=100 (Viva must be conducted at the presence of external)
8. Original research by the students is compulsory. Any attempt to replicate/duplicate the work of others on the subject will be considered a serious case of malpractice/plagiarism liable for strict action, as per University rules and regulation.

Guidelines for writing research proposals should have the following.

- Title of the study
- Content and content of tables and graphs
- Introduction
- Literature review (at least 10 relevant literatures for proposal submission)
- Rationale/scope for the study
- Aim of the study
- Objectives of the study
- Operational definitions (concepts need to be operationally defined)
- Hypothesis
- Research design (details of the design planning to use for the study with justification)
- Sampling design (details of the sampling procedures including, universe of the study, study population, sampling size, method of sampling, inclusion and exclusion criteria, and data collection period planned for the research)
- Tools of data collection (details of the structured or semi structured, self prepared or adopted need to be stated with details of the source)

- Statistical analysis (details of the statistical tools and procedures used should stated with rationale)
- Ethical considerations(the ethical issues considered need to be stated)

W.S 4.4: INTERNSHIP
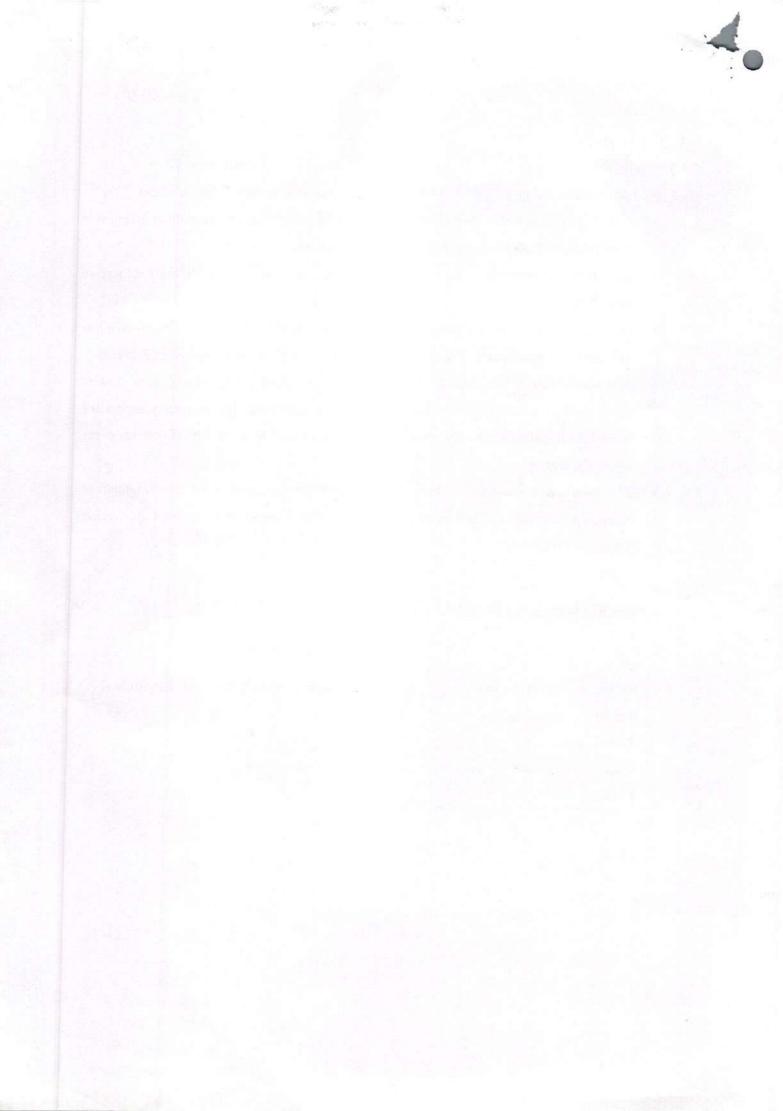
Guidelines for Internship: **Total hours: 90**

- The students will be expected to take up a 8-10 week Internship (2 days a week)

- This internship is to be undertaken with an institution of their choice with due approval from the Department / as suggested by the Department.

- Students are expected to select/ placed in organizations depending upon their respective specialization

- This internship can thus be taken up with an academic/research organization, an NGO or with the Corporate Sector. This internship has to have a minimum duration of 8 weeks.

- **Field work diary:** The Department will be issuing a field work diary to each student which needs to be carried to the agency everyday to get signed by the agency supervisor to monitor the attendance. The student trainee is expected to write a brief note on every day in the diary.

- Department will nominate a committee to monitor placement and development of internship under the leadership of chairperson of the Department to monitor the weekly progress of interns

Evaluation will include the following:

Reflective weekly Journal	040 marks (with at least 10 detailed case studies)
Report on Internship	030 marks
Presentation	010 marks
Viva	020 marks
Total	100 marks

III SEMESTER

CODE NO.	TITLE	SCHEME OF EXAMINATION			PERIODS PER WEEK	Total Credits
		THEORY MARKS	INTERNAL MARKS	TOTAL MARKS		
	A) Core Course					
HC. 3.1	Advanced Sociological Theory	70	30	100	5	4(3+1)
HC. 3.2	Sociology of Globalization	70	30	100	5	4(3+1)
HC. 3.3	Urban Sociology	70	30	100	5	4(3+1)
	B) Soft Course (any one)					
SC. 3.4	Sociology of Religion	70	30	100	5	4(3+1)
SC.3.5	Sociology of Media	70	30	100	5	4(3+1)
SC. 3.6	Sociology of Development	70	30	100	5	4(3+1)
	C) Open Elective Paper					
O.E .3.7	Contemporary Social Problems	70	30	100	5	4(3+1)

IV SEMESTER

CODE NO.	TITLE	SCHEME OF EXAMINATION			PERIODS PER WEEK	Total Credits
		THEORY MARKS	INTERNAL MARKS	TOTAL MARKS		
	A) Core Course					
HC.4.1	Indian Sociological Theory	70	30	100	5	4(3+1)
HC. 4.2	Sociology of Health	70	30	100	5	4(3+1)
HC. 4.3	Dissertation	70	30	100	5	4(3+1)
	B) Specialization Course (any one)					
SC.4.4	Sociology of Family and Kinship	70	30	100	5	4(3+1)
SC.4.5	Population and	70	30	100	5	4(3+1)
SC.4.6	Sociology of Education	70	30	100	5	4(3+1)
	C) Open Elective Paper					
OE.4.7	Social Movements in India	70	30	100	5	4(3+1)

Scheme of examination:
1. 2 internal tests: [5+5=10 marks]
2. Field Work = 10
3. one Seminar by each student=05
4. One Assignment = 05

Total = 30 marks

- HC 4.3- 30 IM / Viva voce

6

MSW SEMESTER I

Course Code	SW-H-1.3
Course Title	**Orientation Visit and Concurrent Field Work**
Number of Credits	**04 (L – 00, T- 01, P-03)**
Course Category	**HC**

Course Objectives:

A. Orientation Visits
1. To get acquainted with code, norms, and expectations of this teaching- learning opportunity.
2. To work as per agency timings and other such details of practice learning.
3. To understand the nature and tasks of initial phase and make learner and instructor involve in each phase.
4. To make learner responsible towards agency and the institution of learning.
5. To organize individual conference of an hour per week and group conference once a fortnight.
6. To know the nature of setting/agency, its objectives, services, programmes, structures and general environment.
7. To collect information through brochures and annual reports.
8. To introduce oneself to the setting/ agency management, its staff and on -going activities.
9. To have an idea about setting/ agency, its programmes, beneficiaries and related information of other services.

B. Concurrent Field Work
1. To develop knowledge of the socio-economic and cultural realities, and their impact on the client system with specific focus on marginalized groups.
2. To develop the ability to involve the client system in the problem-solving process, utilizing skills of social work interventions, including research.
3. To understand the agency as a system -its philosophy, thrust objectives, structure and management of service/programmes.
4. To develop beginning skills to analyse the impact of the wider social system on individuals, families, groups, communities and organizations.
5. To develop ability to work as a member of a team.
6. To reinforce belief in the inherent strengths of the people to meet their needs and resolve problems.
7. To develop skills in documenting practice.
8. To make conscious use of professional values and ethics.

Course Content:

Orientation Visits: There shall be minimum of 10 Orientation visits to be made in the beginning of academic year for the first semester students, preferably during field work days to provide an exposure to understand the services provided by the Government and Non-Government Organizations (Health setting, Education, Community, Institutional services, Criminal justice system, Civic Administration, Rehabilitation etc.) in response to the needs of the people.

Concurrent Field Work: There shall be minimum of 25 days of field work, including orientation visits. This is done simultaneously with class-room teaching of theory papers from the beginning of the session up to closure of academic term. Every student will be required to go for concurrent field work for two days in a week (excluding holidays). Concurrent field work will be of 100 marks which include 30 marks for Internal Assessment and 70 for Viva Voce examination (70+30) in each semester.

Throughout the period of professional training, classroom courses are correlated with "Learning by doing" i.e. field work in development/welfare agency. The objective and contents of instruction courses are in a way that the students learn to conduct herself as professional person in dealing with real helping situations, to apply knowledge and principles taught in the classroom reciprocally, to see richer meaning in the contents of the class-room courses. A student spends a minimum 16 hours per week in the field and submits detailed reports focused on the interaction with client, a group or community to the supervisor on the field work conference day. These records are carefully read and used to help the student develop skills in working with people and to apply her theoretical knowledge skillfully, understanding and solving social problems. Two days in a week are assigned for field work.

During the 1st semester the field work programme is of a generic nature which includes institutional study, visits and practice of social work methods.

Course Outcomes:

A. At the end orientation visits, the student will:
1. Understand forming a large group meeting to share and discuss place of practice learning as an integral part of the curriculum.
2. Get acquainted with code, norms, and expectations of this teaching- learning opportunity.
3. Work as per agency timings and other such details of practice learning.
4. Understand the nature and tasks of initial phase and make learner and instructor involve in each phase.
5. Be responsible towards agency and the institution of learning.
6. Have an idea of individual conference of an hour per week and group conference once in a fortnight.
7. Get to know the nature of setting/agency, its objectives, services, programmes, structures and general environment.
8. Get to know how to contact person in the setting/agency, role of that individual.
9. Collect information through brochures and annual.
10. Develop an idea introduce oneself to the setting/ agency management, its staff and ongoing activities.
11. Understand about setting/ agency, its programmes, beneficiaries and related information of other services.

MSW SEMESTER II

Course Code	SW-H -2.3
Course Title	**Concurrent Field Work**
Number of Credits	**04 (L – 00, T- 01, P-03)**
Course Category	**HC**

Course Objectives:
1. To understand the socio-economic and cultural realities and their impact on the organization/ community and the client system.
2. To understand programmes, programme management and participate in their delivery with the use of appropriate programme media. Show ability to write proposals for new programmes and initiate them.
3. To understand the financial management, including source of funds, efforts at fund raising.
4. To understand and appreciate the role of the social worker and the learners in the organization.
5. To familiarize them with Budgeting and Fund raising.
6. To identify problems and analyze them. Analyze the causative factors and dynamics in the problem situations. Select appropriate strategy, methods and techniques of problem solving.
7. To select and utilize appropriate tools for problem-solving, such as interviews-individual/ groups, Home visits, programme media and research.
8. To integrate theory and practice, and utilize the integrated approach in social work practice.

Course Content:
There shall be minimum of 25 days of field work in a semester. Carried out simultaneously with class-room teaching of theory papers from the beginning of the session up to closure of academic term. Every student will be required to go for concurrent field work for two days in a week (excluding holidays). Concurrent field work will be of 100 marks which include 30 marks for Internal Assessment and 70 for Viva Voce examination (70+30) in each semester.

Throughout the period of professional training, classroom courses are correlated with "Learning by doing" i.e. field work in development/welfare agency. The objective and contents of instruction courses are in a way that the students learn to conduct herself as professional person in dealing with real helping situations, to apply knowledge and principles taught in the classroom reciprocally, to see richer meaning in the contents of the class-room courses. A student spends a minimum 16 hours per week in the field and submits detailed reports focused on the interaction with client, a group or community to the supervisor on the field work conference day. These records are carefully read and used to help the student develop skills in working with people and to apply her theoretical knowledge skillfully, understanding and solving social problems. Two days in a week are assigned for field work.

During the 2nd semester the field work programme is of a generic nature which includes institutional study, visits and practice of social work methods. Each student should prepare action plan of the field work in the beginning of the semester and submit to department. Each student should prepare action plan of the field work in the beginning of the semester and submit to department.

Unit-V
Strategies and Roles of Community Organizer:

Unionization as a Strategy - Advocacy in community organization. Public Interest Litigation, Protests and Demonstrations. Current debates in community Organization practice: Emerging issues - Impact of macro policies. Emerging Trends in Community Work Practice.

References:

1. Arora R. K. (Ed.) 1979, People's Participation in Development Process: Essays in Honour of B. Mehta, Jaipur: the HCM State Institute of Public Administration.
2. Dandavate, M. 1977, Marx and Gandhi, Bombay: Popular Prakashan Pvt. Ltd.
3. P.D Misra, Social Work-Philosophy and Method sinter-India Publications, New Delhi.*
4. Zubair Meenai., Participatory Community Work: Concept Publishing Company, New Delhi.*
5. Gangrade, K. D. 1971, Community Organisation in India, Bombay, Popular Prakashan.
6. Siddiqui, H. Y. 1997, Working with Communities: An Introduction to Community Work, New Delhi: Hira Publications.
7. Marulasiddaiah, H. M. 1987, Community: Area and Regional Development in India, Bangalore, Bangalore University.
8. Robert Adams, Lena dominelli and Malcolm Payne, Edt,2002, Critical Practice in social Work: Palgrave Publisher Ltd., New York *
9. Yadav. C .P. 2007, Encyclopedia of Social Work and Community Organization, Anmol Publication Pvt. Ltd., New Delhi, Vol.,1,2,3 and 4 *
10. Polson and Sanderson. 1979, Rural Community Organisation, New York: John Wiley and Sons.
11. Ross Murray G. 1967, Community Organisation: Theory, Principles and Practice, New York: Harper and Row.
12. Shivappa R. 2009, Streams in the River- A Journey Into Inclusive Concerns, DhatriPustaka, Bangalore
13. Sussman, M. B. 1959, Community Structure and Analysis, New York: Thomas Y. Crowel

* Latest editions of all the suggested books are recommend

Course Outcomes:
At the end of this course, the students will:

1. Perceive the Critical Elements of Community Organisation Practice.
2. Understand Power Dynamics of Indian Communities.
3. Get acquainted with the Models for Community Organisation Practice.
4. Develop perspective and skills for participatory processes in the community and civil society.

MSW SEMESTER III

Course Code	SW-H -3.3
Course Title	Concurrent Field Work
Number of Credits	04 (L – 00, T- 01, P-03)
Course Category	HC

Course Objectives:

1. To develop skills to effectively use the integrated approach to problem-solving and enhance skills of intervention, at the micro and the macro levels of the system, in relation to the needs and problems of the client system.
2. To develop skills to organize people to meet their needs and solve their problems use roles appropriate to work e.g. advocacy for child's right, human rights.
3. To develop an understanding of the pattern of behaviors of people- their strengths and their pathological behavior.
4. To develop the ability to carry out tasks in relation to service delivery and programme management. Routine administration, staff supervision, and training; prepare project proposals, time management, and management by objectives, and enhance skills in documenting.
5. To develop skills of recording to show interest, engagement in practice and enhanced growth as a practitioner.
6. To develop the ability to make innovative contribution to the organization's functioning.
7. To gain confidence to represent the profession in interdisciplinary teams, and integrate theory or classroom training into practice.
8. To develop the capacity to utilize instruction for enhancing and integrating field practice.
9. To utilize field instruction for enhancing and integrating professional growth.
10. To make creative use of field instructions to evaluate mutual input.
11. To utilize practice-based research test effectiveness of specific aspects of intervention.

Course Content:

There shall be minimum of 25 days of field work in a semester. It is done simultaneously with class-room teaching of theory papers from the beginning of the session up to closure of academic term. Every student will be required to go for concurrent field work for two days in a week (excluding holidays). Concurrent field work will be of 100 marks which include 30 marks for Internal Assessment and 70 for Viva Voce examination (70+30) in each semester.

Throughout the period of professional training, classroom courses are correlated with "Learning by doing" i.e. field work in development/welfare agency. The objective and contents of instruction courses are in a way that the students learn to conduct herself as professional person in dealing with real helping situations, to apply knowledge and principles taught in the classroom reciprocally, to see richer meaning in the contents of the class-room courses. A student spends a minimum 16 hours per week in the field and submits detailed reports focused on the interaction with client, a group or community to the supervisor on the field work conference day. These records are carefully read and used to help the student develop skills in working with people and to apply her theoretical knowledge skillfully, understanding and solving social problems. Two days in a week are assigned for field work.

Data Processing:

Editing data, classification, quantification, coding key, master chart, manual and mechanical tabulation of data; frequency distribution, diagrammatic and graphic presentation-use of computers.

Analysis and Interpretation of data, Research reporting: contents of research report: foot-note, references, bibliography, preparation of abstract; the art of making book review.

Unit-V

Statistics for Social Work Research:

Concept, functions, importance and scope of Statistics - Measures of Central Tendency - Measures of Dispersion – Measures of Association: Chi-square, Correlation Coefficient, 't' distribution; Analysis of Variance and 'F' distribution.

Use of Statistical Package in Social Sciences.

References:

1. Blalock H.M., *Social Statistics*, McGraw Hill, New York
2. Cranstein A. and Philips, W.R., *Understandings Social Research: An Introduction*, Allwyn and Bacon, Boston.
3. Ilongo Ponnuswami, Professional, Social Work, Authorspress Publishers of scholarly Books,2011*
4. Alston. Margaret and Bowles Wendy, Research for Social workers, Rutledge Taylor and Francis group, London and Newyork,2003
5. Laladas D.K, Social Work Research

* Latest editions of all the suggested books are recommended.

Course Outcomes:

At the end of this course, the student will:

1. Obtain the basic knowledge on social work research and statistics.
2. Understand the different process and methodology of the scientific social work research
3. Develop skills and technique in formulating research proposal, collection, analysis, Interpretation and reporting of data pertaining to individuals, groups, communities and institutions of their social issues and problems.

Course Code	SW-H -3.4
Course Title	Social Work Camp
Number of Credits	04 (L – 00, T- 00, P-02)
Course Category	HC

Course Objectives:

1. To understand the rural social system with special reference to a specific poverty group.
2. To analyse the regional rural social system, the approaches, and the strategies of intervention used by the organization.
3. To understand the nature of government intervention in relation to poverty groups in the region, and the related structures of decision-making and intervention.
4. To develop the capacity to critique the interventions of both the voluntary organizations and the government agencies in relation to the specific poverty group.
5. To have an experience in group living, appreciate its value in terms of self-development, interpersonal relationship, sense of organization, management and taking on responsibility.
6. To acquire skills in planning, organizing, implementing the camp for example conscious use of time, communication skills, team spirit, handling relationship, conflicts and differences of opinion, decision making, evaluation, appreciation, sharing of resources, tasks, coping skills in problem situations, cooperation and coordination.
7. To motivate learners fully involved in planning, implementing the plans and presenting their experience in a workshop on return from the camp.
8. To encourage learners to take on concrete tasks towards meeting basic/ civic needs of the people.

Course Content:

Rural/Tribal/Urban camp will be conducted in 3rd semester for duration of 7-10 days to provide an opportunity to experience rural/tribal/Urban life, analyze Rural/Tribal/Urban dynamics, and observe the functioning of Government machineries (Local Self-Government) and Voluntary Organizations. Micro-planning exercise and Participatory Rural Appraisal (PRA) activity shall also be the part of social work camp. This will be an opportunity to practice community organization method. This experience aids peer participation in planning for activities for own group and those for local people. It also helps to develop skills to carry out, evaluate, and report the experience. Each student is required to prepare and submit a camp report before the commencement of the semester end examination. This report shall be of 50 marks which include 15 marks for Internal Marks and 35 for Viva Voce examination (35+15).

In the 3rd semester the placement is made in an agency in the area of interest of the students, each student is expected to undertake responsibility of conducting, initiating and planning programme as directed by the supervisor and demonstrate her ability to use the concepts, methods, techniques and skills learnt by her. Each student shall prepare a plan of field work in consultation with the field work supervisor. A conscious effort is made by the staff to help the students to see that each class room course is useful to them in conducting field work purposefully. Each student should prepare action plan of the field work in the beginning of the semester and submit to department.

Course Outcomes:

At the end of this, the student will:

1. Develop skills to effectively use the integrated approach to problem-solving and enhance skills of intervention, at the micro and the macro levels of the system, in relation to the needs and problems of the client system.
2. Develop skills to organize people to meet their needs and solve their problems use roles appropriate to work e.g. advocacy for child's right, human rights.
3. Develop an understanding of the pattern of behaviors of people- their strengths and their pathological behavior.
4. Develop the ability to carry out tasks in relation to service delivery and programme management. Routine administration, staff supervision, and training; prepare project proposals, time management, and management by objectives, and enhance skills in documenting.
5. Develop skills of recording to show interest, engagement in practice and enhanced growth as a practitioner.
6. Develop the ability to make innovative contribution to the organization's functioning.
7. Gain confidence to represent the profession in interdisciplinary teams, and integrate theory or classroom training into practice.
8. Develop the capacity to utilize instruction for enhancing and integrating field practice.
9. Utilize field instruction for enhancing and integrating professional growth.
10. Make creative use of field instructions to evaluate mutual input.
11. Utilize practice-based research test effectiveness of specific aspects of intervention.

MSW SEMESTER IV

Course Code	SW-H- 4.3
Course Title	**Concurrent Field Work**
Number of Credits	**04 (L – 00, T- 01, P-03)**
Course Category	**HC**

Course Objectives:

1. To develop skills to effectively use the integrated approach to problem-solving and enhance skills of intervention, at the micro and the macro levels of the system, in relation to the needs and problems of the client system.
2. To develop skills to organize people to meet their needs and solve their problems use roles appropriate to work e.g. advocacy for child's right, human rights.
3. To develop an understanding of the pattern of behaviors of people- their strengths and their pathological behavior.
4. To develop the ability to carry out tasks in relation to service delivery and programme management. Routine administration, staff supervision, and training; prepare project proposals, time management, and management by objectives, and enhance skills in documenting.
5. To develop skills of recording to show interest, engagement in practice and enhanced growth as a practitioner.
6. To develop the ability to make innovative contribution to the organization's functioning.
7. To gain confidence to represent the profession in interdisciplinary teams, and integrate theory or classroom training into practice.
8. To develop the capacity to utilize instruction for enhancing and integrating field practice.
9. To utilize field instruction for enhancing and integrating professional growth.
10. To make creative use of field instructions to evaluate mutual input.
11. To utilize practice-based research test effectiveness of specific aspects of intervention.

Course Content:

There shall be minimum of 25 days of field work in a semester. It is done simultaneously with class-room teaching of theory papers from the beginning of the session up to closure of academic term. Every student will be required to go for concurrent field work for two days in a week (excluding holidays). Concurrent field work will be of 100 marks which include 30 marks for Internal Assessment and 70 for Viva Voce examination (70+30) in each semester.

Throughout the period of professional training, classroom courses are correlated with "Learning by doing" i.e. field work in development/welfare agency. The objective and contents of instruction courses are in a way that the students learn to conduct herself as professional person in dealing with real helping situations, to apply knowledge and principles taught in the classroom reciprocally, to see richer meaning in the contents of the class-room courses. A student spends a minimum 16 hours per week in the field and submits detailed reports focused on the interaction with client, a group or community to the supervisor on the field work conference day. These records are carefully read and used to help the student

References:

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2. Alderson, M. An Introduction to Epidemiology. 2nd Ed. 1983. London: Macmillan.
3. Francis, C. M. 1991. Promotion of Mental Health with Community Participation. Kerela: The Center for Health Care Research and Education.
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5. Kaplan, Saddock. 1994. Synopsis of Psychiatry 7th Ed. New Delhi: BI Waverly Pvt. Ltd.
6. Kappur. M. Sheppard. Child Mental Health-Proceedings of the Indo-US symposium.
7. Mane P. & Gandevia K. 1994. Mental Health in India Issues and Concerns; Tata Institute of Social Sciences, Mumbai.
8. Shepherd, Michael et al. 1971. Childhood Behavior and Mental Health. London: University Press.
9. World Health Organization. Geneva. 1992. The ICD 10 Classification of Mental and Behavioral disorders,
10. Clinical Description and Diagnostic Guidelines; Oxford University. Press
11. K Park.2002.Preventive and Social Medicine; Banarasidas Bhanot Publishers
12. Michael Gelder. Paul Harrison. Philip Cowen-Shorter Oxford Textbook of Psychiatry: Oxford University Press.
13. Niraj Ahuja 2006.A Short Textbook Of Psychiatry; Jaypee Brothers medical Publishers Ltd, New Delhi.
14. K.Shekar R. Parthsarathy and D.Muralidhar (EDT) 2007, Handbook of Psychiatric Social Work, NIMHANS, Bangalore

* Latest editions of all the suggested books are recommended.

Course Outcomes:

At the end of this course, the student will:

1. Understand the concept of health and ill health.
2. Understand the concept of mental health and problems of mental illness.
3. Develop a holistic and integrated approach to social work practice in the fields of Medical and Psychiatric Social Work.

Course Code	SW-H- 4.4
Course Title	**Research Project Report**
Number of Credits	**04 (L - 01, T- 02, P-01)**
Course Category	**HC**

Course Objectives:
1. To make learners engage meaningfully in the process of problem- formulation; reviewing some literature related to the study; preparing the research proposal; choosing an appropriate research strategy and developing instruments of data collection; collecting the data; processing, analyzing and interpreting the data; and preparing the research report.
2. To guide learners to integrate research activity within the practice learning Centre by practice teaching-learning instructor.
3. To avoid artificial or unnecessary superimposition of research activity on field work as it may cause interference in the flow of field work.
4. To motivate learners to present papers based on; a) A theme or an issue pertaining to research methodology b) Reviewing published/ unpublished research studies. c) Use of research skills in field work.

Course Content:
Each student shall be required to prepare and submit a Project Report on the topic selected by them in consultation with the faculty supervisor before the commencement of semester end examination in IV Semester. The topic of the project may be decided before completion of 3rd semester. This report shall be of 100 marks which include 30 marks for Internal Assessment and 70 for Viva Voce examination (70+30).

Course Outcomes:
At the end of this course, the student will:

1. Engage meaningfully in the process of problem- formulation; reviewing some literature related to the study; preparing the research proposal; choosing an appropriate research strategy and developing instruments of data collection; collecting the data; processing, analyzing and interpreting the data; and preparing the research report.
2. Learn to integrate research activity within the practice learning Centre by practice teaching-learning instructor.
3. Avoid artificial or unnecessary superimposition of research activity on field work as it may cause interference in the flow of field work.
4. Present papers based on; a) A theme or an issue pertaining to research methodology. b) Reviewing published / unpublished research studies. c) Use of research skills in field work.

develop skills in working with people and to apply her theoretical knowledge skillfully, understanding and solving social problems. Two days in a week are assigned for field work.

In the 4th semester the placement is made in an agency in the area of interest of the students, each student is expected to undertake responsibility of conducting, initiating and planning programme as directed by the supervisor and demonstrate her ability to use the concepts, methods, techniques and skills learnt by her. Each student shall prepare a plan of field work in consultation with the field work supervisor. A conscious effort is made by the staff to help the students to see that each class room course is useful to them in conducting field work purposefully. Each student should prepare action plan of the field work in the beginning of the semester and submit to department.

Course Outcomes:
At the end of this, the student will:

1. Develop skills to effectively use the integrated approach to problem-solving and enhance skills of intervention, at the micro and the macro levels of the system, in relation to the needs and problems of the client system.
2. Develop skills to organize people to meet their needs and solve their problems use roles appropriate to work e.g. advocacy for child's right, human rights.
3. Develop an understanding of the pattern of behaviors of people- their strengths and their pathological behavior.
4. Develop the ability to carry out tasks in relation to service delivery and programme management. Routine administration, staff supervision, and training; prepare project proposals, time management, and management by objectives, and enhance skills in documenting.
5. Develop skills of recording to show interest, engagement in practice and enhanced growth as a practitioner.
6. Develop the ability to make innovative contribution to the organization's functioning.
7. Gain confidence to represent the profession in interdisciplinary teams, and integrate theory or classroom training into practice.
8. Develop the capacity to utilize instruction for enhancing and integrating field practice.
9. Utilize field instruction for enhancing and integrating professional growth.
10. Make creative use of field instructions to evaluate mutual input.
11. Utilize practice-based research test effectiveness of specific aspects of intervention.

Course Code	SW-H- 4.5
Course Title	**Block Placement Training**
Number of Credits	**04 (L – 00, T- 00, P-04)**
Course Category	**HC**

Course Objectives:
1. To give an opportunity to the learner to integrate theory and practice to enhance competencies of social work practice and experience self in that role.
2. To develop enhanced practice skill and integrate learning.
3. To develop greater understanding of reality situations through involvement in day to day work.
4. To develop a habit of appreciation of other's efforts and develop sensitivity to gaps in the programme.
5. To enhance awareness of self in the role of a professional social worker.

Course Content:

Block Placement - enables learners to integrate learning and generate newer learning by Participating in the intervention over a period of one month continuously, in a specific agency. The students need to be placed in reputed organization related to their interest. The block placement gives an opportunity for the students to develop professional Preparedness for job situations. It is a way for career building. Block field work is scheduled at the end of the two-year programme. There should be professionally qualified worker in the setting willing to plan orientation and provide consultation, when needed. Each student shall be required to prepare and submit a Block Placement Report soon after its completion It comprises 100 marks of which 30 marks for Internal Assessment and 70 for Viva Voce examination (70 + 30).

Course Outcomes:

At the end of this course, the student will:
1. Able to integrate theory and practice to enhance competencies of social work practice and experience self in that role.
2. Develop enhanced practice skill and integrate learning.
3. Develop greater understanding of reality situations through involvement in day to day work.
4. Develop habit of appreciation of other's efforts and develop sensitivity to gaps in the programme.
5. Recognize awareness of self in the role of a professional social worker.

Course Code	SW-S- 4.6
Course Title	**Human Resource Management & Labour welfare**
Number of Credits	**04 (L – 03, T- 01, P-00)**
Course Category	**SC**

Course Objectives:

1. To understand Human Resource Management.
2. To develop understanding of labour legislations.
3. To develop the issues of labour welfare and employee wellness.

Course Content:

Unit-I

Human Resource Management:

Meaning and concept of Human Resource Management; Objectives and Principles of Human Resource Management - Importance of Human Resource Management; Functions of Human Resource Management; Skills of effective HR Manager; Human Resource Management in India. Human Resource Development and Employee Wellness.

Unit-II

Human Resource Planning:

Meaning and concept of Human Resource Planning; Need and process of Human Resource Planning; Recruitment, Placement and Induction; Training; Promotions, Demotions and Transfers; Performance Appraisal. Training and Development.

Unit-III

Labour Welfare in India:

Meaning and concept of Labour Welfare; Machinery of Labour Welfare in India; Intramural and Extramural types of Labour Welfare; Statutory and non statutory Labour Welfare measures; Functions of Labour Welfare Officer in industries
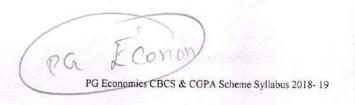
Unit-IV

Important features and provisions of Labour Legislations:

Industrial Dispute Act, 1947; Industrial Employment Standing Order Act, 1946; The Factories Act, 1948; The Employees State Insurance Act, 1948; The Employees Provident funds and miscellaneous provisions Act, 1952; The Payment of Gratuity Act, 1972; The Maternity Benefit Act, 1961; and Trade Union Act, 1926.

Unit-V

Industrial Relations

Meaning and concept of Industrial Relations; Objectives of Industrial Relations; Definition and meaning of Trade Unions; Objectives and principles of Trade Unions; Trade Union Movement in India; Meaning and concept of Industrial Disputes; Procedure for settlement of Industrial Disputes.

EC-H-4.3: DISSERTATION

GUIDELINES FOR PROJECT WORK FOR M.A ECONOMICS PROGRAMME

Purpose:

The students are expected to undertake a project work as a part of their MA program during the IV Semester and submit a dissertation. It is an initiative to train the students in application of the 'Economic Theory' that they have learnt in the course of their degree and post-graduate study. It is also an attempt to bridge the gap between knowledge and application which enables students to gain insights and exposure to the live problems of the society. It serves the twin purposes of providing critical economic thinking on the part of the students, and the society is provided with graduates who can understand, analyze and provide policy advice on socio-economic issues.

Objectives:
The objectives of the project programme are to:
i. Train the students to apply theoretical concepts to real life situations and problems
ii. Sharpen the domain knowledge of students and improve their cross functional skills
iii. Enable students discover their professional strengths and weaknesses and prepare them to face the changing socio-economic and business environment;
iv. Prepare students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks;
v. Create awareness about research issues in Economics and enable them to carry out independent research.

General Guidelines:
A. **Nature of project work:** The student will have to identify a topic for the project work according to his/her interest, preferably in the area of his/her specialization, in consultation of the Guide. No two students of the department shall work on the same topic in the same organization. It is advisable to take up field based research in different sectors of the economy.

B. **Duration of project work:** The project work shall be for a period of 16 weeks of the IV Semester. Students, in consultation with their guides, should undertake the project work, which includes identifying and finalization of the topic, review of literature, collection and analysis of data and submission of the dissertation.

C. **Guide:** The guide for the project work shall necessarily be a full-time faculty member teaching to post-graduate students. The student is expected to be in continuous interaction with guide during the course of the project work and shall be wholly responsible for completion of the project work within time.

D. **Schedule for the Project Work**

Activity	Time-line	Remarks
Problem Identification	First week	Student identifies problem for his/her study, in consultation with the guide.
Review of Literature/ consultation	2nd to 4th week	Finalization of the problem with justification
Research design and Synopsis preparation	5th week	Finalization of the research design and preparation of synopsis incorporating the objectives, methodology and chapter scheme
Presentation of the Synopsis	6th week	The guide shall review and finalize the synopsis, which is a 3-5 pages hard copy document to be submitted to the Chairman with the signature of Guide and the Student.
Data collection and processing	7th to 9th week	Data to be collected, edited, coded, tabulated and prepared for analysis with the guide's suggestions.
Data Analysis	10th to 12th week	Students are expected to use appropriate statistical tools and techniques for analyzing the data.

Revised 24-02-2020

Finalization and Submission of dissertation	12ᵗʰ to 16ᵗʰ week	Presenting the results in a standard format after due consultation with the guide.

E. Dissertation and Submission:

a. **The dissertation shall be prepared using MS word** processor with Times New Roman font sized 12, on a page layout of A4 size with 1" margin on all three sides and 1.5" on the left, with double line spacing and printed only on one side of the paper. The dissertation shall be approximately of 100 pages, with about 75 pages of text material.

b. The dissertation shall be submitted in a hard bound copy.

c. Students shall also submit a soft copy of the dissertation [CD], preferably a PDF version.

d. The dissertation shall be submitted to the Chairman and to the Co-ordinator of P.G.Programme or the Principal of the college where **Master of Arts in Economics** program is offered. Colleges in turn shall submit all the reports and CDs of their students along with a consolidated master list containing examination register number, name of the student, and title of the dissertation to Registrar (Evaluation) before the commencement of IV Semester theory examinations.
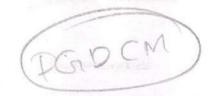
F. Publication:

Students are expected to present their research findings in seminars/conferences/ technical events/fests or publish their research work in journals in association with their guide with Akkamahadevi Women's University affiliation tag. Appropriate weightage should be given to this in the evaluation of the dissertation.

G. Evaluation:

a) **Evaluation:** The dissertation shall be evaluated for 70 marks by an external examiner & internal examiner and viva-voce examination for 30 marks, which shall be conducted in respective centers.

b) **Viva-voce/Presentation:** A viva-voce examination will be conducted for 30 marks at the respective department/college/centre. Each student is expected to give a presentation of his/her work.

c) The Chairman of the Department and an expert appointed by the University who should be at Professor or Associate Professor level faculty will conduct the viva-voce examination. The respective guides shall also be in the examination board. The Colleges/P.G. Centers shall make arrangements for such examination including the payment of TA, DA and Honorarium to outside examiners.

H. Marks Allocation for Dissertation:

Sl. No.	Aspects	Marks
Valuation of Dissertation for 70 Marks	
1	Introduction and Methodology	10
2	Profile of the study area/ Background	10
3	Theoretical Background of the Study	10
4	Research Design	10
5	Data Analysis and interpretation	20
6	Presentation of the findings	10
	Total	70
Viva-Voce Examination for 30 Marks	
1	Presentation and Communication Skills	05
2	Domain Knowledge	05
3	Research Design and application of quantitative tools	05
4	Results and suggestions	10
5	Presentations/Publications	05
	Total	30

Course Code	ECD-2.4
Course Title	Project Work
Number of Credits	04 (L – 03, T- 01, P-00)
Course Category	HC

Course Objectives:

1. To understand about the process of project with its methods
2. Accurate learning of preparing a project.

Each student is required to write a Project Report under the supervision of any one of the faculty members in the Department on any suitable topic from the area of Co-operative management incorporating all the aspects of writing the Report like Research Problem, Review of Literature, Objectives, Data Source and Methodology, Analysis of Field Work or Secondary Data, Findings and Policy Recommendations. The student has to submit the Project Report to the HOD on or before the last date of the closure of the Semester.

The total marks for the project report shall be 100. Evaluation of the project report will be based on average of marks awarded independently by both internal and external examiners. Project report evaluation for 70 marks and project viva 30 marks. A student must acquire minimum 50 marks in the project for passing in the project report.

Outline of the Project Work:

Individual Project Work by students and Simple projects based on any suitable topic from the area of Co-operative management.
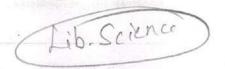
1. Secondary data
2. Field Survey
3. Case Studies
4. Review of Literature and Problem Identification
5. Preparation of Research Design
6. Data Collection and Analysis
7. Findings and Conclusions
8. Writing the Report

Course Outcomes:

At the end of this course, the students will:

1. Capable to get information about project and its application in the completion of project in regard to data collection, field survey, case studies, analysis, writing report, with findings and conclusion.
2. Learn about the importance of project which will help them in future for different employment opportunities.

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2. Know the significance of communication skills.
3. Understand the basics of Leadership.
4. Able to prepare their biodata.
5. Able to understand the market needs.
6. Capability of self analysis.

References

Gladis, S. D. (1993). Write type, personality types and writing styles. Amherst, Mass.: Human Resource Development Press.

Gupta, S. (2009). Personality development and communication skills. Jaipur, India: Book Enclave.

Karten, N. (2010). Presentation skills for technical professionals achieving excellence.. Ely: IT Governance Publications.

Masters, L. A., Wallace, H. R., & Harwood, L. (2011). Personal development for life and work (10th ed.). Australia: South-Western Carnage Learning.

McMurry, J. H. (2002). The etiquette advantage: personal skills for social success. Wilmington, NC: Stellar Publications.

ML-H- 4.4: STUDY TOUR AND INTERNSHIP (0-2-0)

OBJECTIVES

1. To Show different types of libraries and the services.
2. To create professional internet in working with different libraries.
3. To develop public relationship with LIS Professionals.
4. To learn practical Knowledge of working in Libraries.
5. To be aware of Practical the management of Libraries.

- **Study Tour:** There shall be an educational study tour to an identified place in the beginning of the fourth semester for a period not exceeding one week. The students have to visit different types of libraries and submit an Educational Tour Observation Report to be evaluated by the Tour Leader for a maximum of 10 Marks.
- **Internship:** There shall be an Internship for a period of one month immediately after the completion of fourth semester examination. Each student shall undergo internship in any one of the reputed library and information centers attached to institutions of higher learning, R& D institutions, industries approved by BOS in Library and Information Science (PG). On completion of Internship the students have to submit a report which will be valued for 40 marks. Internship completion certificate in this respect from the concerned Head of the Library/Information Center shall be produced by the candidate.

COURSE OUTCOMES

After completing this paper, the students will be able to:

Scenarios. New York: Haworth

TERI. ICDL 2004 (2004) International conference on digital libraries: Conference papers. 2V. New Delhi: TERI

Xavier, C (2000). World Wide Web Design with HTML. New Delhi : TMH

ML-H-4.3 Personality Development & Communication Skills (2-0-0)

OBJECTIVES
1. To make the students aware of various aspects of personality development .
2. To inculcate communication skills, among them.
3. To develop leadership qualities, in them.
4. To able to analyse self.

Unit 1:
- Personality Development: Basics, Developing personality, factors influencing personality, Stages of Personality development
- Personality types – Four temperaments and personality. Personality traits
- Analyzing strengths and weaknesses.
- Emotional Intelligence and competence.
- Personality and career choice and personal growth

Unit 2:
- Communication skills and barriers to communication
- Reading skills,
- Listening skills,
- Speaking skills,
- Writing skills
- Notes making skills

Unit 3:
- Leadership: Basics, styles, group dynamics, team building, interpersonal relationships
- Stress management. Time management. Participatory management, conflict management, disaster management, crisis management, change management
- Building a positive social image, Projecting a professional image,

Unit 4
- Mapping employer's expectations, capabilities of job analysis and job description
- Preparation of Bio-data, Resume, Curriculum – vitae, Bio-profile
- SWOC analysis of self, Getting ready for interview and facing interview, group discussion

COURSE OUTCOMES
1.Understand the factors influencing personality.

1. Gain exposure to different kinds of libraries and their services.
2. Gain the practical knowledge of library housekeeping activities.
3. Understand the practical problems of library management.
4. Develop leadership qualities.

SOFTCORE
Students have the option to choose any one of the following soft core courses namely:

ML-S-4.5: Dissertation and Viva –voce (0.4.0)
ML-S-4.6: Compilation/Development of Information Product and viva-voce (0.4.0)
ML-S-4.7: Development of a KOS Tool and viva-voce (0.4.0)

OBJECTIVES

1. To prepare the budding LIS professionals to conduct research on a specific topic/to comple/ develop information product to design and develop a kastool.
2. To defend their work in viva. Voce.

ML- S- 4.4: Dissertation and Viva-voce (0-4-0)
- Each student has to work on a research topic under the supervision of a supervisor and submit the report in the form of a dissertation fifteen days before the start of the IV semester examination. Submission of plagiarism check report issued by the Librarian is mandatory.

ML-S-4.5: Compilation of Information Product (0-4-0)
- Each student has to compile or develop an information product under the supervision of a supervisor and submit the report fifteen days before the start of the start of the IV semester examination.

ML-S-4.5: Development of a KOS Tool (0-4-0)
- Each student has to compile any KOS tool on an approved topic like thesaurus, Ontologies, Taxonomies, Folksonomies, Clustering, Categories, etc based on the principles of KOS under the supervision of a supervisor and submit the report fifteen days before the start of the IV semester examination.

COURSE OUTCOMES

1. Subject the dissertation by conducting a research study or report of compiling an inf product/ Kos tool.
2. Face vive-voce confidently.

ML-HP-4.5 Digital Libraries (Practical) (0. 1. 3)

OBJECTIVES

1. To develop skills in working with different digital library collections.
2. To provide hands on experience with multi –media software.

- Working with Greenstone/DSpace/EPrints. Building digital collections; Creating Metadata. Searching, Indexing. Modifying user interface.

- Working with multi-media software's: Ominipage, Flash, Photoshop.

Note: Each student shall compulsorily maintain practical record and submit the same at the time of practical examination

COURSE OUTCOME

1. Able to work with DL Software's like Graeenstone /DSpace/Eprints
2. Able to use multi-media Software like Omnipage, Flash Photograph.

OPEN ELECTIVES TO BE OFFERED BY THE DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

THIRD SEMESTER:

ML-O-3.7: INFORMATION SOURCES (3-1-0)

OBJECTIVES

1. To create awareness among non library science students about information sources and their uses.

Unit 1:
- Information Sources: Meaning, Definition, Nature, Evolution, Characteristics, Functions
- Types of information sources and their Importance
- Criteria for evaluation of information sources

Unit 2:
- Primary sources (Print and Electronic): Periodicals, Technical reports, Patents, Standards and specifications, Theses and Dissertations, Conference and seminar proceedings, Trade literature

Unit 3:
- Secondary sources (Print and Electronic): Dictionaries, Encyclopedias, Yearbooks and Almanacs, Biographical sources, Geographical sources, Current sources, Statistical

	Hardcore	IInd Semester					
H2.1	Organizational Behaviour	5	3	30	70	100	4
H2.2	Business Research Methods	5	3	30	70	100	4
H2.3	Corporate Accounting	5	3	30	70	100	4
H2.4	Managerial Economics	5	3	30	70	100	4
S2.5	**Soft Core**						
G 'A'*	Investment Management (SAPM)	5	3	30	70	100	4
G 'B'*	Strategic Cost Management	5	3	30	70	100	4
G 'C'*	Services Marketing	5	3	30	70	100	4
G 'D'*	Risk Management	5	3	30	70	100	4
OE2	Choice based paper to be offered by other department	5	3	30	70	100	4
Total							**24**
	Hardcore	IIIrd Semester					
H3.1	Strategic Management	5	3	30	70	100	4
H3.2	E-Commerce	5	3	30	70	100	4
H3.3	Women Entrepreneurship Development	5	3	30	70	100	4
H3.4	International Business	5	3	30	70	100	4
S3.5	**Soft Core**						
G 'A'*	Global Financial Management	5	3	30	70	100	4
G 'B'*	Corporate Tax Planning – I	5	3	30	70	100	4
G 'C'*	Retail Management	5	3	30	70	100	4
G 'D'*	Treasury Management	5	3	30	70	100	4
OE3	Choice based paper to be offered by other department	5	3	30	70	100	4
Total							**24**
	Hardcore	IVth SEMSTER					
H4.1	Business Ethics and Corporate Governance	5	3	30	70	100	4
H4.2	Corporate Law	5	3	30	70	100	4
H4.3	Accounting Software Packages	5	3	30	70	100	4
H4.4a	Project Report **	5	-	30	50	80	3
H4.4b	Viva-voce	-	-	-	20	20	1
S4.5	**Soft Core**						
G 'A'*	Financial Derivatives and Risk Management	5	3	30	70	100	4
G 'B'*	Corporate Tax Planning – II (GST and Excise)	5	3	30	70	100	4

		& Project Management							
S4.3	Advanced Information Technology & MIS	5	3	30	70	100	4
H4.4	Elective IV	5	3	30	70	100	4
H4.5	Elective V	5	3	30	70	100	4
H4.6	Elective VI	5	3	30	70	100	4
S4.7	Project Report *	5	-	-	-	70	3
S4.8	Viva-voce	-	-	-	-	30	1
OE4	Business Communication Skills	2	2	30	70	100	2
						Total	**30**
						Grand Total	**114**

* There shall be a project work soon after 3rd Semester.
Project work shall be a part of fourth semester and will carry 4 credits i.e.: 1 credit for viva-voce and 3 credits for project report.
The project will make the candidate to take up a live project and implement the learning or apply the concepts learnt.

III SEMESTER ELECTIVES
Finance
3.4 F1: Money Banking and Finance
3.5 F2: Financial Services and Markets
3.6 F3: International Financial Management

HRM
3.4 H1: Labour Law & Industrial Relations
3.5 H2: Performance Management and Counseling
3.6 H3: Effective Training and Development Strategy

Marketing
3.4 M1: Consumer Behaviour and Brand Management
3.5 M2: Services Marketing
3.6 M3: Rural Marketing

IV SEMSTER ELECTIVES
Finance
4.4 F4: Strategic Financial Management
4.5 F5: Security Analysis and Portfolio Management
4.6 F6: Financial Derivatives and Risk Management

HRM
4.4 H4: Global Human Resource Management
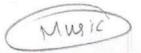4.5 H5: Strategic Talent Management
4.6 H6: Compensation & Benefits

Marketing
4.4 M4: International Marketing Management
4.5 M5: Digital Marketing
4.6 M6: Advertising Management.

Music

MM-HC- 4.5: PRACTICAL HINDUSTANI VOCAL-III

Objectives:

1) To get the difference between practice and performance
2) To understand the music research methodology
3) To get well stage performance technique

Unit 1: Stage performance   (Total Marks 35+15= 50)

Unit 2: Project work   (Total marks 35+15= 50)

Books for reference:

01) KramikPustakMalika, 1 to 6 Volume, Pandit Vishnu Narayan Bhatakande.
02) RaghaVijnan, 1 to 7 Volume, PanditVinayakRaoPatawardhan.
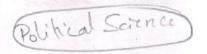03) AbhinavaGeetanjali, 1 to 5 Volume, PanditRamashrayaJaa.Ragh Bodh, Pandit D. V. Paluskar.

Course Outcomes

CO 1: After completing this course, the students shall be able to perform in Hindustani classical music Alaap, Sarigam, Taan etc.

CO 2: Studying this course, the students shall be able to perform 'Khyaal Gayan '

CO 3: Studying this course, the students shall be able to performance to in front of audience.

CO 4: This course gives them a sound knowledge of Music Research.

M.A. Political Science : Semester IV
PS -H 403 : Project Work

Sub Code: PSH 403	No. of Lecture Hours per week : 05
Total Credit =04	Viva Marks: 30 and Marks for Dissertation : 70 = 100

Course Objectives:

1. The objective of the project work is to make the student to analyse the various contemporary issues that fall in the domain of the discipline. It helps the student to acquire applied knowledge on the chosen area of the project work.

2. It gives the student to critically look the problem that he has chosen. It also helps to document the micro studies and it will enable to create debates on the discipline.
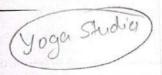
Course Rationale:

The rationality of the project work is to make the student to acquire the ground reality of the area that he/she chose. It gives a practical experience to the student to prepare ideas, analysis, estimate and come out with facts and solutions. The theoretical frame work is also very much essential to formulate objectives and to prepare the analysis on the chosen area. The student will have to attain the knowledge of getting sources, investigate, formulations and arriving at conclusions. The project work will be a prelude to research.

Each student has to submit a dissertation on a topic that he/she has chosen in consultation with the faculty. **Maximum of 8 students** should be assigned to a teaching faculty who takes up the responsibility of guiding the student throughout the dissertationwork. Preferably the topic should be assigned in the 1st semester itself so that the student has enough time to read the background material and collect the necessary data. The topic chosen for the dissertation should be from within the domain of Political Science. The project will be followed by the Viva-Voce conducted by the Board of Examiners in accordance with the University regulations.

The Division of Marks is as follows-

- For writing the dissertation - **70 marks** (Max)
- For performance in the Viva-voce - **30 marks** (Max)

PRACTICAL -PGDYS 2.4: TEACHING METHODS OF YOGIC PRACTICES, PROJECT WORK AND STUDY TOUR

I) TEACHING METHODS OF YOGIC PRACTICES (25 MARKS)

Each student should have to prepare and teach five lessons with teaching aids on different aspects of yogic practices i.e one on Asana, one on Pranayama, one on Bandha, one on Mudra and one on Kriya, under the supervision of their yoga practical teacher. The five teaching lessons should be presented at annual practical examination for evaluation.

II) PROJECT WORK (25 MARKS)

Here the project work is to organize yoga camps/workshops. Each student of **P.G.D.Y.S.,** should organize at least one camp/workshop of minimum two weeks duration, under the supervision of a yoga teacher. The yoga training camp/workshop should be critically observed and assessed by the yoga teacher. The project (camp) report should be evaluated and signed by the yoga teacher and also signed by the chairman of the department.

III) STUDY TOUR (20 MARKS)

There shall be study tour for the **P.G.D.Y.S.,** students and the study tour is compulsory. The student should be taken to any one or more than one of the recognized yoga institute/centers in India. Each student has to submit a study tour observation report which will be evaluated by the teacher who is in-charge of the study tour and he must be a yoga teacher   the project shall be certified by the chairman of the department.

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