



Babasaheb Bhimrao Ambedkar University

(A Central University)

Lucknow-226025, Uttar Pradesh

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

SYLLABUS
(Choice Based Credit System)
With effect from 2019-2020 academic session

Approved in the BPGS meeting held on 12.07.2019

C. J. Jaiswal

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DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Bachelor of Library & Information Sciences (B. Lib. I. Sc.)
(w.e.f. 2019-20)

Ist Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
BLIS 101*	Library Organization and Services	Open Elective	70	30	4
BLIS 102	Foundation of Library and Information Science	Core	70	30	4
BLIS 103	Knowledge Organization and Information Processing	Core	70	30	4
BLIS 104	Knowledge Organization and Information Processing – Practical-1	Core	70	30	4
BLIS 105	Information Communication Technology-Basics	Core	70	30	4
BLIS 106	Information Communication Technology-Basics – Practical	Core	70	30	4

IInd Semester

Course/ Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
BLIS 201*	Open Access Resources	Open Elective	70	30	4
BLIS 202	Information Sources and Services	Core	70	30	4
BLIS 203	Management of Library and Information Centres	Core	70	30	4
BLIS 204	Information Sources and Services– Practical	Core	70	30	4
BLIS 205	Information Storage and Retrieval	Core	70	30	4
BLIS 206	Knowledge Organization and Information Processing– Practical-II	Core	70	30	4

*Choice based course

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Annexure - A

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE Bachelor of Library & Information Sciences (B. Lib. I. Sc.) (w.e.f. 2019-20) Ist Semester

Course Code	BLIS-101*
Course Title	Library Organization and Services
Type of Paper	Open Elective
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To know the basics of the library and its types.
- To explain the functions and services of the various libraries.
- To identify the differences in school, college and university libraries.

Course Content:

Unit-1

- Library: Concept, Definition, Need, Purpose and Functions
- National Library of India
- Public Libraries- Features
- Academic Libraries- Features
- Special Libraries- Features

Unit-2

- Library Housekeeping Operations
- Acquisition Section
- Technical Section
- Circulation Section
- Periodical Section
- Reference Section and Maintenance Section

Unit-3

- Reference Services
- Referral Services
- Documentation Services- CAS and SDI
- Indexing and Abstracting Services
- Translation Services

Unit-4

- Bibliography- INB, BNB
- Encyclopedia- Features of Britannica and Americana
- Directory- Features of Ulrich International Periodical Directory
- Yearbook- India: A Reference Annual
- Biographical Sources: International Who is Who, Who is Who India
- Dictionaries

Unit-5

- Emerging Trends in Libraries
- E-ShodhSindhu, Shodhganga
- National Knowledge Commission
- User Orientation Programmes
- Information Literacy

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and written exam.

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Recommended Books::

- Ranganathan S.R. Reference service. Ed 2. 1989. Ranganathan Endowment for Library Science, Bangalore.
- Krishna Kumar. Reference service. Ed. 3. 1996. Vikas Publishing, New Delhi.
- Cheney F.N. and Williams W.J. Fundamental reference sources. Ed. 3. 2000. ALA, Chicago.
- Foskett D.J. Information service in libraries. Ed. 2. 1967. Archon Book Hamden, Connecticut.
- Katz W.A. Introduction to reference work: reference service and reference process. v.2. Ed. 5. 1987. McGraw-Hill, New York.
- Crawford John. Evaluation of Library and Information Services. 2000. ASLIB, London.
- Mittal, R.L. Library Administration: Theory and Practice. 2007. Ess Ess Publication.

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Course Code	BLIS-102
Course Title	Foundation of Library and Information Science
Type of Paper	Core
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To understand about the origin and development of libraries.
- To understand about the five laws and their implications in ICT era.
- To understand details about library legislation and IPR acts.
- To find out the different types of national /international library organisation.
- To get knowledge about professionalism and professional ethics.

Course Content:

Unit-1

- Development of Libraries with special reference to India
- Library as a Social Institution
- Different types of Libraries – their distinguishing features and functions
- Role of Library in formal and informal education

Unit-2

- Five Laws of Library Science and their implications
- Laws of Library Science in ICT environment
- Professional ethics

Unit-3

- Library legislation-needs and essential features
- Library Legislation in India: An Overview
- Press and Registration of Books Act
- Intellectual Property Rights: Copy Right, Patents and Standards.

Unit-4

- National Library Associations - ILA, IASLIC
- Professional Education and Research
- International Library Association – IFLA, ALA
- Public Library Promoters: RRLF
- International Library and Information Services Promoters: UNESCO

Unit-5

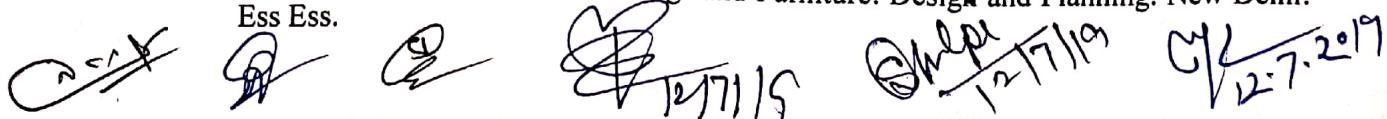
- Public Relations and Extension Activities
- Bay Guides, Indicators, Playcards
- Consultancy Promotional Web Tools
- Role of Library Professionals in Modern Era

Method of Teaching: Lecture, Seminars, Class test, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

- Iyer, V.K. 1999. Public Library System in India. Delhi: Rajat.
- Khanna, J. K. 1994. Library and society. New Delhi. Ess Ess.
- Kumar, P.S.G. 2014. Changing Dimensions of Library and Information Science. New Delhi: Ess Ess.
- Kumar, S. (s.n). Public Libraries Act in India. New Delhi: Ess Ess.
- Kumar. Krishna.2013. Library Organisation. Krishna Kumar. Noida:Vikas Publishing house Pvt. Ltd.
- Ramaiah, L.S. 1999. Information and Society. New Delhi: Ess Ess.
- Ranganathan, S. R. 2008. Library Manual. New Delhi: Ess Ess.
- Sinha, S. C. 2004. Library Buildings and Furniture: Design and Planning. New Delhi: Ess Ess.



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Course Code	BLIS-103
Course Title	Knowledge Organization and Information Processing
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To understand the basic concept and importance the organization of knowledge.
- To understand the importance of the various library classification schemes used in different types of Library.
- To understand the formation of subjects in the Universe of Subjects.
- To develop skills of classification.
- To develop skills in subject analysis and synthesis of different facets.

Course Content:

Unit-1

- Historical Development of Library Classification
- Universe of subjects as mapped in CC, DDC and UDC Schemes
- Species of Classification Schemes
- Modes of formation of subjects
- Canons of Classification

Unit-2

- Classification: Concept, definition, and functions
- Features of DDC, UDC
- Principles of Classification
- Fundamental Categories
- Phase Relations

Unit-3

- Devices: AD, SD, CD, Super Imposition Device
- Notations: Needs, types and qualities
- Call Number: Book number, Class numbers
- Common Isolates and Standards Subdivisions
- Trends in Library Classification

Unit-4

- Library Catalogue- purpose, structure and types
- Physical forms and OPAC
- Formats of Document
- Normative Principles of Cataloguing
- Canons of Cataloguing

Unit-5

- Centralized and cooperative cataloguing
- Standard codes of cataloguing: AACR-II, CCC
- Subject heading lists: LCSH, SLSH
- Standards for Bibliographic Description: ISBD, MARC, CCF
- Z39.50, Unicode, Dubline Core Metadata.

Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- British Standards Institute. 1988. *Universal Decimal Classification*. London: BSI.
- Dewey, M. 2003. *Dewey Decimal Classification* (22nd ed., 4 Vols.). Ohio: OCLC.

- Krishan, Kumar. 1998. Theory of Classification. 4th rev. ed. Delhi: Vikas Pub. House.
- Mills, J. 1952. Modern outline of library classification. Bombay: Asia.
- Parkhi, R. S. 1964. Decimal Classification and Colon Classification in perspective. Bombay: Asia.
- Phillips, W. H. 1953. Primer of book classification. London: The Library Association.
- Ranganathan, S. R. 1962. Elements of Library Classification. 3rd ed. Bombay: Asia
- Ranganathan, S. R. 1963. Colon Classification (6th ed.) (with amendments). Bombay: Asia.
- Ranganathan, S. R. 1987. Colon Classification. (7th ed.). Revised and edited by M.A.Gopinath. Bangalore: Sarada Ranganathan Endowment for Library Science.
- Ranganathan, S. R. 1989. Prolegomena to Library Classification. Assisted by M. A. Gopinath. 3rd rep. ed. Bangalore: SRELS

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Course Code	BLIS-104
Course Title	Knowledge Organization and Information Processing-Practical-1
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To understand the basic concept and importance the organization of knowledge.
- To understand the importance of the various library classification schemes used in different types of Library.
- To understand the formation of subjects in the Universe of Subjects.
- To develop skills of classification.
- To develop skills in subject analysis and synthesis of different facets.

Course Content:

- A. Classification of Documents using Colon Classification (CC) scheme 6th Reprint edition:
- Steps in Classification
 - Structure and Organization
 - Classification of documents representing simple subject
 - Classification of documents having common isolates
 - Classification of documents representing compound subject
 - Classification of documents representing complex subject
- B. Classification of Documents using Dewey Decimal Classification (available edition) Scheme:
- Steps in Classification
 - Structure and Organization
 - Classification of documents representing simple subject
 - Classification of documents representing compound subject
 - Classification of documents representing complex subject

Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- British Standards Institute. 1988. *Universal Decimal Classification*. London: BSI.
- Dewey, M. 2003. *Dewey Decimal Classification* (22nd ed., 4 Vols.). Ohio: OCLC.
- Krishan, Kumar. 1998. *Theory of Classification*. 4th rev. ed. Delhi: Vikas Pub. House.
- Mills, J. 1952. *Modern outline of library classification*. Bombay: Asia.
- Parkhi, R. S. 1964. *Decimal Classification and Colon Classification in perspective*. Bombay: Asia.
- Phillips, W. H. 1953. *Primer of book classification*. London: The Library Association.
- Ranganathan, S. R. 1962. *Elements of Library Classification*. 3rd ed. Bombay: Asia
- Ranganathan, S. R. 1963. *Colon Classification* (6th ed.) (with amendments). Bombay: Asia.
- Ranganathan, S. R. 1987. *Colon Classification*. (7th ed.). Revised and edited by M.A.Gopinath. Bangalore: Sarada Ranganathan Endowment for Library Science.
- Ranganathan, S. R. 1989. *Prolegomena to Library Classification*. Assisted by M. A. Gopinath. 3rd rep. ed. Bangalore: SRELS

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- Krishan, Kumar. 1998. *Theory of Classification*. 4th rev. ed. Delhi: Vikas Pub. House.
- Mills, J. 1952. *Modern outline of library classification*. Bombay: Asia.
- Parkhi, R. S. 1964. *Decimal Classification and Colon Classification in perspective*. Bombay: Asia.
- Phillips, W. H. 1953. *Primer of book classification*. London: The Library Association.
- Ranganathan, S. R. 1962. *Elements of Library Classification*. 3rd ed. Bombay: Asia.
- Ranganathan, S. R. 1963. *Colon Classification* (6th ed.) (with amendments). Bombay: Asia.
- Ranganathan, S. R. 1987. *Colon Classification*. (7th ed.). Revised and edited by M.A.Gopinath. Bangalore: Sarada Ranganathan Endowment for Library Science.
- Ranganathan, S. R. 1989. *Prolegomena to Library Classification*. Assisted by M. A. Gopinath. 3rd rep. ed. Bangalore: SRELS

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Course Code	BLIS-105
Course Title	Information Communication Technology-Basics
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To understand the basic concept and importance the organization of knowledge.
- To understand the importance of the various library classification schemes used in different types of Library.
- To understand the formation of subjects in the Universe of Subjects.
- To develop skills of classification.
- To develop skills in subject analysis and synthesis of different facets.

Course Content:

Unit-1

- Information Technology: An overview
- Components of Information Communication Technology
- Applications of IT in Library and Information Centres
- Impact of IT on modern society
- Programming Languages – Object Oriented, Procedural, High Level, Scripting; Web Languages.

Unit-2

- Computer: Needs, Characteristics and Functions
- Historical Development of Computers
- Components of Computer: Hardware and Software
- Storage Devices, Input and Output Devices
- Generations and classification of Computers

Unit-3

- Telecommunication – Transmission Channels, Mode, and Media,
- ISDN, PSDN, Multiplexing, Modulation,
- Computer Networks – Topologies,
- Types of Networks – LAN, MAN, WAN
- Wireless Communication – Media, Wi-fi, Li-fi,

Unit-4

- Satellite Communication,
- Mobile Communication.
- Internet – Web browsers,
- WWW, E-mail;

Unit-5

- Search Engines, Meta and Entity Search engines.
- Intranet and extranet: An overview
- Database: Features, Types, Advantages and Limitations
- Functioning of Social Media.

Method of Teaching: Lecture, Seminars, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Shushila , Madan. 2015. Information Technology 4th ed. New Delhi.
- ITL 2006 Introduction to Information Technology 2nd ed. New Delhi. Pearson
- UPTEC. 2004.Information Technology : Tools and Applications. New Delhi. Elsevier.
- Deshpande,Ravikant.M.2015. Getting Started with information technology: Practice and Applications. New Delhi. Ess Ess Publications.

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- Dhiman, Anil K. 2003. Basics of information technology for librarians and information scientists. New Delhi
- Ramalinga. 2000. Library and Information Technology : Concepts to Applications. Delhi.
- Batra, B B. 2001. Information Technology. Delhi.
- Kumar, P S G. 2003. Information Technology: basic. Delhi. B. R Publishing.
- Kumar, P S G. 2004. Information Technology Application: theory and practical. Delhi. B.R Publishing
- SHUKLA (R.L.). Information Technology in Next Millennium. 2000. Rajat Publications. New Delhi.
- SINHA (P.K.). Computer Fundamentals. 2001. BPB Publications. New Delhi
- DHYANI (P.). Directory of Information Services and Computer Application. 1994. 1st ed. University Book House. Jaipur.
- STALLINGS (William). Operating systems. 2000.2nd edition. Prentice hall of India. New Delhi.
- Rutkosky, Nita and others(2008). Office 2007.: a visual approach to learning computer skills.New Delhi: BPB Publisher
- Kuldeep Chand (1993) Current trends in information technology: Impact on Information scene in India.New Delhi: Batra
- UPTEC (2004) IT tools and Applications. New Delhi: Elsevier
- Hardesty, Larry(2010).books, Bytes and bridges: libraries and computer centres in Academic Institutions. Chicago:ILA

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Course Code	BLIS-106
Course Title	Information Communication Technology: Basics – Practical
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To introduce students with the basics of operating systems
- To provide hands on training of Office applications
- To enable students in building websites and hosting them online.

Course Content:

- Operating Systems and Application Software: Installation and functions of different Operating Systems: Windows and Linux. Linux basic commands and MS DOS commands.
- Configuration and maintenance of Desktop Computer and Server.
- Editing and Formatting Word Documents (Using either MS Word or OpenOffice Writer or Google Docs).
- Creating Power Point Presentations (Using either MS PowerPoint or OpenOffice Impress or Google Slides).
- Creating Spreadsheets (Using either MS Excel or OpenOffice Calc or Google Sheets).
- Web Page Design: Basics of HTML and CSS.
- CMS: Installation and configuration of either WordPress or Drupal.
- Web Hosting.

Method of Teaching: Demonstrations, Practical sessions, Class activities, Challenge, Troubleshooting.

Method of Assessments and weightage: Assignments and Practical examination.

Recommended Books/materials:

- Bradley, Phil (1995). World wide web: how to design & construct home pages. London: Aslib.
- Goel, A. (2012). Computer fundamentals. New Delhi: Pearson Education.
- Leon, A. (1999). Fundamentals of information technology. New Delhi: Vikas.
- Lindros, Kim., PC Basics with Windows 7 and Office 2010. Jones & Bartlett Learning, Boston
- Lynch, P. J. & Horton, S. (2009). Web style guide: basic design principles for creating web sites (3rd ed.). London: Yale University Press.
- Peterson, Richard. 1996. Linux: the complete reference. New York: McGraw-Hill
- W3Schools Online Web Tutorials available at <https://www.w3schools.com>
- Walkenbach, John et al. Office 2007 bible. 2007. John Wiley, New York.
- Winship, Ian & Mcnab, Alison. The student's guide to the Internet.2000. Library Association



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DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Bachelor of Library & Information Sciences (B. Lib. I. Sc.)
(w.e.f. 2019-20)

IInd Semester

Course Code	BLIS-201
Course Title	Open Access Resources
Type of Paper	Open Elective
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To gain an overview of the broad range of open access resources available in various subject areas
- To explore various resources which may be useful to teaching and research in the future
- To identify the special consideration for open access resources including the challenges and opportunities for libraries.
- To evaluate and suggest open access resources which are very useful for learning.
- To learn about open educational resources and how these can be utilized by the learners for lifelong education

Course Content:

Unit-1

- E-Resources: Concept, Definition, Objectives, Advantages and Limitations
- E-Journals
- E-Books
- Databases
- Electronic Theses and Dissertations

Unit-2

- Library Consortia-National and International
- Collection Development of e-resources
- Information Access and delivery Infrastructure
- Accessing E-Resources: Publishers and Aggregators
- License and Agreement on on-line Resources

Unit-3

- Institutional Repository-Need, Purpose, Types and Tools
- Institutional Repository in India; ROAR, DOAR, SHERPA-ROMIO
- Internet Resources
- Evaluation Criteria of Internet resources

Unit-4

- Conversion from Print to E-Resources
- Classification and cataloguing of E-Resources
- E-resource Management Initiative (ERMI)
- E-Resource Life Cycle: Acquire, Access, Administer, Support and Evaluate
- Standardized Usage Statistics Harvesting Initiative (SUSHI)

Unit-5

- Open Access Initiative
- Open Source Software
- Web-Based User Education Programme
- Performance Indicators for Electronic Resources Management
- OCLC

Method of Teaching: Lecture, Seminars, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Botyriute, Kristina(2018).Access to Online Resources: A Guide for the Modern Librarian. spinger open switzerland
- Suber, Peter(2012).Open Access. MIT press. Cambridge
- Rudasill (2013).Open access & digital library social science libraries.GERMANY,p.386
- JACOBS,NEIL.(2006).Open access.oxford.chandos,p.243
- Bajpai, M.(Ed.) (2016)Library Services in Digital environment. New Delhi :Consortium book.
- Sharma, A.K.(ed.) 6(2016)Current trends in Library and Information science in Digital Era.
- Mukhyadal, B.G.(ed.)(2014)Advancement of electronic resources in Libraries. Atharva publication,
- Kaushal Chauhan and R. K. Mahapatra. Open access resources in Library and Information science. New Delhi Ess Ess Publication,p.559

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Course Code	BLIS-202
Course Title	Information Sources and Services (Theory)
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To develop the knowledge of various types of Information sources;
- To differentiate between primary, secondary and tertiary sources;
- To explain the need of services in library; and
- To develop confidence and expertise in handling information sources.

Course Content:

Unit-1

- Information Sources: Meaning, Nature, Characteristics and Types.
- Sources of Information- Primary, Secondary and Tertiary, Documentary and Non - Documentary Sources of Information
- Internet as a Source of Information

Unit-2

- Primary Information Sources (Print and Electronic)-Journals, Conference Proceedings, Patents, Standards, Thesis and Dissertations, Trade Literature.
- Secondary Information Source (Print and Electronic)-Dictionary, Encyclopaedia, Bibliographies, Indexing and Abstracting, Statistical Sources, Handbooks and Manuals.
- Tertiary Information Sources (Print and Electronic)- Directories, Year Books, Almanacs,

Unit-3

- References Sources-Bibliographical, Biographical, Educational, Language and GeographicalMAP, Atlas, Google Map, Navigation.
- Electronic Information Resources-Subject Gateways, Webportals, Bulletine Boards, Discussion Forums/Groups.
- Databases: Bibliographic, Numeric, Full text, Multimedia; Open Access Databases.
- Institutional and Human Resources

Unit-4

- Reference Service: Concept, Functions and Types
- Referral Services.
- Alerting Services-CAS, SDI
- Document Delivery Service, Inter Library Loan.
- Mobile Based Library Services and Tools-Mobile OPAC, Mobile Library Websites, Library Apps, Mobile Library Instructions, SMS Alerts
- Reference Enquiry

Unit-5

- Library 2.0-Concept, Characteristics, Components: Instant Messaging, RSS Feeds, Podcasts, Webcasts, Ask a Librarian.
- Academic Social Networks, Social Book Marking and Tagging
- Evaluation of Reference Sources and Web Resources: Criteria

Method of Teaching: Lecture, Seminars, Class test etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Cassel, K. A. Reference and Information Services in 21st Century: An Introduction. London: Facet Publishing, 2006.

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Method of Teaching: Lecture, Seminars, Class test etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Cassel, K. A. Reference and Information Services in 21st Century: An Introduction. London: Facet Publishing, 2006.

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Method of Teaching: Lecture, Seminars, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Botyriute, Kristina(2018).Access to Online Resources: A Guide for the Modern Librarian. spinger open switzerland
- Suber, Peter(2012).Open Access. MIT press. Cambridge
- Rudasill (2013).Open access & digital library social science libraries.GERMANY,p.386
- JACOBS,NEIL.(2006).Open access.oxford.chandos,p.243
- Bajpai, M.(Ed.) (2016)Library Services in Digital environment. New Delhi :Consortium book.
- Sharma, A.K.(ed.) 6(2016)Current trends in Library and Information science in Digital Era.
- Mukhyadal, B.G.(ed.)(2014)Advancement of electronic resources in Libraries. Atharva publication,
- Kaushal Chauhan and R. K. Mahapatra. Open access resources in Library and Information science. New Delhi Ess Ess Publication,p.559

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Course Code	BLIS-203
Course Title	Management of Libraries and Information Centres
Type of Paper	Core
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To understand functions and principles of library management.
- To understand library housekeeping operations.
- To understand human resource management.
- To know the library budgeting techniques and methods.
- To understand stock verification procedures and conservation, preservation methods.

Course Content:

Unit-1

- Management: Concept and Scope and Functions
- Management Schools of thought: Classical, Neo-classical and Modern
- Functions and Principles of Scientific Management
- Library Administration, Organisational Structure

Unit-2

- Different Sections of Library & Information Centre and their functions
- Collection Development and Management Policies, Procedures
- Book ordering (Acquisition)
- Technical Processing
- Serials Control, Circulation Control, etc.

Unit-3

- Human Resource Management: Characteristics
- HRM: Micro and Macro approach
- Job Description and Analysis, Job evaluation
- Human Resource Planning: Need & Purpose, Elements, Methods & Techniques

Unit-4

- Budgeting: Concept, Objectives and functions, and types
- Methods of financial Estimation:-PPBS, Zero Based Budgeting etc.
- Budgetary Control: Need, Process, Advantages & Limitations
- Cost analysis Approaches: Cost Effectiveness, Cost Benefit & Cost Utility Analysis
- Costing: Need, Types of Costs, Methods

Unit-5

- Stock Verification-Policies and Procedures, Guiding Principle
- Collection Evaluation and Weeding
- Conservation, Preservation and Archiving

Method of Teaching: Lecture, Seminars, Class test, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

- Mittal, R. L. 2007. Library Administration: Theory and practice. New Delhi: Ess Ess.
- Shivadas, K. K. 2015. Library Management. New Delhi: A.P.H
- Krishnamurthy, R. 1992. Library Administration and Resources .New Delhi: Commonwealth.
- Ranganathan, S. R. 1935. Library Administration. New Delhi: Ess Ess.
- Khanna, J. K. 2001. Hand book of Library Administrative. New Delhi: CREST.
- Krishnamurti, K. 2013. Library Management. New Delhi: Commonwealth.

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- Lancaster, F. W. Indexing and Abstracting in Theory and Practice. 3rd ed. Illinois: Champaign, 2003.
- Lancaster, F. W., and M. Julie. "The Future of Indexing and Abstracting Services". Journal of American Society for Information Science. Mar. 33(3), 183-189.
- Sharma, C. K. Reference Service and Sources. New Delhi: Atlantic, 2006
- Schneyman, A. H. (1985). Organizing Information Resources. Information Management Review.
- Feather, J. and Sturges, P. (eds). (1997). International Encyclopedia of Library and Information Science. 2nd ed. London: Routledge.

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Course Code	BLIS-204
Course Title	Information Sources and Services—Practical
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To understand the importance of information sources such as Encyclopedias, Directories, Handbooks, Dictionaries, MAPs, etc.
- To identify the types and characteristics of aforesaid information products;
- To explain the role played by these information sources in promoting the image of an organization
- To critically evaluate these information sources as per their characteristics ;

Course Content:

Evaluation of information source: (Any two (Print or electronic)):

- Directories: Ulrich International Periodical Directory, World of Learning, University Handbook, Encyclopaedia Britannica, Encyclopaedia Americana, Subject Encyclopaedias

Evaluation of information source: (Any two (Print or electronic)):

- Encyclopaedia: McGraw Hill Encyclopaedia of Science and Technology, Encyclopaedia of Library and Information Science, International Encyclopaedia of Social Science, International Who's Who, Who's Who in India

Evaluation of information source: (Any two (Print or electronic)):

- Yearbook: India: A Reference Annual,

Evaluation of information source: (Any two (Print or electronic)):

- Language Dictionaries: Webster New International Dictionary, Oxford Dictionary, Random House Dictionary

Evaluation of information source: (Any two (Print or electronic)):

- Subject Directories

Evaluation of information source: (Any two of the following (Print or electronic)):

- Geographical Sources: MAP, Atlas, Google Map, Navigation. Gazetteer of India

Compilation of current awareness list.

Preparation of bibliography and press clippings.

Method of Teaching: Lectures, Brainstorming sessions, class test for the evaluation of the Concerned information sources.

Method of Assessments and weightage: Assignments, seminar presentations, and written exam.

Recommended Books:

- Feather, J. and Sturges, P. (eds). (1997). International Encyclopedia of Library and Information Science. 2nd ed. London: Routledge. pp. 263-64.
- Grogan, D. J. (1992). Science and Technology: An Introduction to the Literature. 4th ed. London: Clive Bingley.
- Harrod's Librarians' Glossary (1995). 8th ed. Comp. by R. Prytherch. England: Gower.
- Hornby, A. S. (2000). Oxford Advanced Learner's Dictionary of Current English. 6th ed. by Sally Wehmeir. Oxford: University Press.
- India 2001: A Reference Annual. Delhi: Publications Division.
- Internet 2. Zagnoli, P. Communication and work. www.aedo-to.com/eng/library/research/communicatio/art1.html [viewed on 20 March 2005].
- Internet 3. cdiac.esd.ornl.gov/home.html. [viewed on 25 March 2005].
- Katz, W. A. (1992). Introduction to Reference Work. 6th ed. New York: Mc Graw-Hill. 2V.

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- Khatri, R. 2012. Library Management. New Delhi: A.P.H
- Tiwari, P.2012. Library Management. New Delhi: A.P.H
- Evans, Edward.G.2007. Basics for Information Professionals. Neal Schuman Publishers
- Evans. Edward.G. 2012. Collection Management Basics. ABC-CLIO,2012

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Course Code	BLIS-205
Course Title	Information Storage and Retrieval
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To understand the concept of information storage and retrieval.
- To acquaint with the models, techniques and types of information storage and retrieval systems.
- To make students aware about the web based search and retrieval systems including Semantic web.

Course Content:

Unit-1

- Information Retrieval System: Basic Concept, Purpose, Functions
- Components & Features of Information Retrieval System

Unit-2

- Subject indexing: Concept and Need.
- Concept use and types of indexing systems: Pre-coordinate and Post Coordinate Indexing systems.
- Pre-Coordinate Indexing System: Chain Indexing, PRECIS, POPSI
- Post-Coordinate Indexing System: UNITERM Indexing System,
- Features of Optical Coincidence System, Edge Notched Card system.
- Keyword indexing: KWIC, KWOC
- Citation Indexing: Online Citation indexing tools.

Unit- 3

- Vocabulary Control: Concept & Need. Problems of Natural Language.
- Vocabulary control Devices: Features of Subject Heading Lists and Thesaurus
- Name Authority Control and Access point.

Unit 4

- Information Search Process
- Search Strategy & its Prerequisites
- Search techniques: Boolean, Proximity, Truncation, Phrase, Range, Field specific.
- Operational IR Systems:
- IR features of OPAC, Institutional Repository, Federated Search Systems, Discovery services.

Unit 5

- Web based retrieval systems:
 - Characteristics and Web information sources.
 - Web Search Engines. Metasearch engines.
- Evaluation of Information Retrieval Systems: Methods and Parameters.
- Semantic web, RDF, RDFS, Protégé, Ontology, linked data
- Big Data, Data Mining

Method of Teaching: Lectures, Brainstorming sessions, Case studies, Demonstrations.

Method of Assessments and weightage: Assignments, seminar presentations, and written exam.

Recommended Books::

- Aitchison, J. & Gilchrist, A. (2000). Thesaurus construction and use: a practical Manual (4th ed.). London: Aslib.

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- Longman Dictionary of Contemporary English (1995). 3rd ed. Harlow: Longman.
- Pearsall, J. (ed.) (1999). The Concise Oxford Dictionary. 10th ed. Oxford: Oxford University Press.
- Schneyman, A. H. (1985). Organizing Information Resources. Information Management Review. 1(1), 34-45.
- Thakur, R.S. (2004). A Study of the Telecast Media Libraries in India [Thesis]. Delhi: University of Delhi.
- The Random House Dictionary of the English Language (1972). College ed. New Delhi: Allied Publishers.
- Webster's Seventh New Collegiate Dictionary (1966). Calcutta: Scientific Book Agency.

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Course Code	BLIS-206
Course Title	Knowledge Organization and Information Processing— Practical-II
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To know about different physical forms of library catalogues
- To understand the concept of catalogue entry to access the reading material.
- To acquaint with various entries of library catalogue as per type of material.
- To practice for the preparation of various entry in library catalogue.

Course Content:

Cataloguing of Documents (Using AACR-II)

- Cataloguing of simple documents
- Cataloguing of complex documents
- Works of Single and Shared Authorship
- Works of Shared Responsibilities
- Editorial Publications
- Multivolume and Pseudonymous
- Works of Corporate Bodies
- Serial Publications
- Works of Editorial Direction
- Non Print Materials

Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books: :

- AMERICAN LIBRARY ASSOCIATION. Anglo-american cataloguing rules. Rev Ed. 2. 1998. Library Association, London.
- Anglo-American Cataloguing Rules. (1988). 2nd rev. ed. Chicago: American Library Association.
- Hunter, Eric, J. and Bakewell, K.G.B. (1983). Cataloguing. 2nd rev. and expanded ed. London Clive Bingley. Chapter 6.
- Krishan Kumar. (1993). Cataloguing. New Delhi: Har-Anand Publications. Chapter 12.
- MILLER (Joseph), Ed. Sears list of subject headings. Ed 15. 1994 .Wilson, New York.
- Needham, C.D. (1977). Organising Knowledge in Libraries: An Introduction to Information Retrieval. 2nd rev. ed. London : Andre Deutsch. Chapter 16.
- RANGANATHAN (S R). Classified catalogue code with additional rules for dictionary catalogue code. Ed. 5 (with amendments). 1989. Sarada Ranganathan Endowment for Library Science, Bangalore.
- Ranganathan, S.R. (1992). Classified Catalogue Code with Additional Rules for Dictionary Catalogue Code. 5th ed. Bangalore: Sarada Ranganathan Endowment for Library Science.
- Wynar, Bhodan, S. (1980). Introduction to Cataloguing and Classification. 6th ed. Littleton, Colorado: Libraries Unlimited.

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DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Master of Library & Information Sciences (M. Lib. I. Sc.)
(w.e.f. 2019-20)

Ist Semester

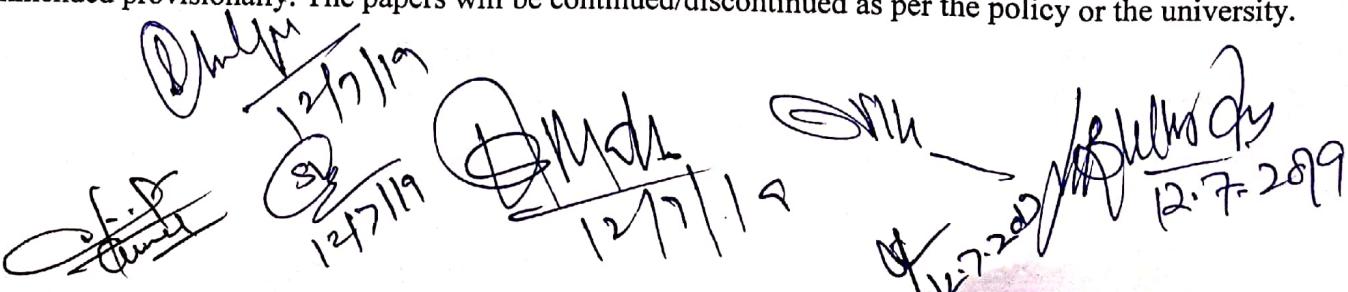
Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
MLIS 101*	Information Systems and Programmes	Open Elective	70	30	4
MLIS 102	Information and Communication	Core	70	30	4
MLIS 103	Information Analysis, Repackaging and Consolidation	Core	70	30	4
MLIS 104	Research Methods and Statistics Techniques	Core	70	30	4
MLIS 105	Management of Library and Information Centres	Core	70	30	4
MLIS 106	Information Analysis and Marketing Practical	Core	70	30	4
MPDC 105**	Remedial Language - English	Compulsory	15	10	1

IInd Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
MLIS 201*	Electronic Resource Management	Open Elective	70	30	4
MLIS 202	Information Technology: Applications	Core	70	30	4
MLIS 203	Information Technology: Applications – Practical	Core	70	30	4
MLIS 204	Discipline Centric Elective: A. Academic Library and Information System B. Medical Library and Information System C. Public Library and Information System D. Engineering and Technological Library and Information System	Discipline Centric Elective	70	30	4
MLIS 205	Dissertation	Core	70	30	8
MPDC 205**	Ambedkar Studies	Compulsory Foundation	15	10	1

*Choice based course

**The detailed contents will be provided by the concerned course teachers. The paper MPDC 105 and MPDC 205 are recommended provisionally. The papers will be continued/discontinued as per the policy or the university.



DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Master of Library & Information Sciences (M.Lib. I. Sc.)
(w.e.f. 2019-20)

Ist Semester

Course Code	MLIS 101*
Course Title	Information Systems and Programmes
Type of Paper	Open Elective
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To identify national information system;
- To understand their role in providing information;
- To list out and elaborate various national information systems; and
- To explain the activities and programs undertaken by such organizations in promotion of library and information services.

Course Content:

Unit-1

- Information Systems: Concept, Definition, and Characteristics
- Types and various components
- Broad areas of Operations-Health, Science, Social Sciences, Agriculture and Technology Information Systems.

Unit-2

- National Organizations and Programs: Functions, Features and Services
 - CSIR
 - ICSSR
 - ICAR
 - DRDO
 - DST

Unit 3

- National Information Systems: Functions and features
 - NASSDOC
 - NISCAIR
 - DESIDOC
 - INFLIBNET
 - DELNET

Unit-4

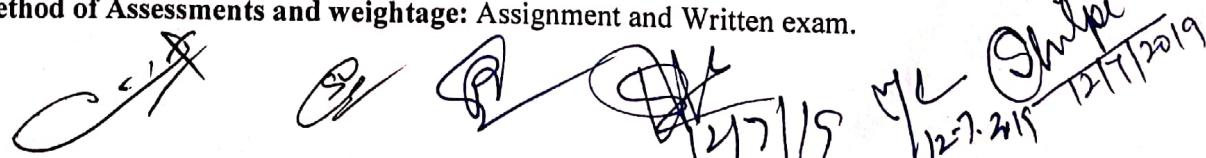
- Regional Information Systems: Functions, Features and Services
 - SENDOC
 - ENVIS
 - NIC
 - NKN
 - SAARC

Unit-5

- International Information Systems: Functions features and Services
 - AGRIS
 - INIS
 - MEDLARS
 - INSPEC

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and Written exam.



A series of handwritten signatures and dates are visible at the bottom of the page. From left to right, they include: a signature with a large 'X' over it, followed by initials 'PV', a signature with a date '27/1/19', a signature with a date '27/1/19', a signature with a date '27/1/19', and a signature with a date '27/1/19'. There is also a handwritten note 'Shilpi' written diagonally across some of the signatures.

Recommended Books:

- Kent, Allen (ed). (1980). Encyclopaedia of Library and Information Science. London: Macmillian.
- Khanna, J.K. (2000). Documentation and Information Services, Systems and Techniques. Agra: Y.K. Publishers.
- Khanna, J.K. (1996). Handbook of Information Systems and Services. New Delhi: Beacon Books.

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Course Code	MLIS 102
Course Title	Information and Communication
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To know the meaning and distinguish characteristics as well as relationships in data, information and knowledge.
- To explain the concept of communication, types, process, elements, models etc.
- To understand the concept of information society.
- To know the concept of Knowledge Management (KM).

Course Content:

Unit-1

- Information: Concept, Characteristics and Nature
- Conceptual difference between Data, Information and Knowledge
- Modes of Information Generation: Observation, Thought Process, Experimentation, Processing of Data, Event, Evolution, Dream
- Forms of Information: Oral, Pictorial, Printed, Digitised

Unit-2

- Communication : Concepts and Nature
- Communication and its types: Intra- personal, Inter-Personal and Mass Communication
- Communication Process: Elements, Cycle
- Communication Models – Shannon and Weaver's, Lasswell's, Wilbur Schramm's

Unit-3

- Communication Channels in Information Centres– Oral, Written and Visual
- Communication Barriers.
- Trends in Scientific Communication
- Changing role of Library and Information Centres in Information Society

Unit-4

- Information Society: Concept, Definition, perceptions
- Impact of Information Society on Information Profession
- Knowledge Society: Features of Emerging Knowledge Society
- Information Industry-Generators, Providers and Intermediaries

Unit-5

- Knowledge Management: Definition, Changing Scenario and Driving Forces in Knowledge Management
- Knowledge Management System: Definition, Practical Approach and Strategies, Richness versus Reach
- Knowledge Profession: Introduction, Normative Principles of Knowledge Resource Management and Services
- Library and Information Science Professional as knowledge professional, Preparing knowledge workers for the future

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Abell, Angela (2001). Competing with Knowledge: The Information Professional in the Knowledge Management Age. London, UK.: Library Association Publishing.



The image shows four handwritten signatures or initials in blue ink. From left to right: 1) A stylized signature that looks like 'C-A'. 2) A signature that includes a checkmark-like symbol followed by 'CG'. 3) A signature that appears to be 'JL' with a large, sweeping underline underneath. 4) A signature that includes '12/7/19' and '12/7/19' written twice, with 'imp' written above the second date.

- Drucker, Peter F (1994). Knowledge Work and Knowledge Society: The Social Transformation of This Century. The Godkin Lecture .
- Gorman, Lyon and McLean, David (2003). Media and Society in the Twentieth Century. London: Blackwell.
- Katz, R. L. (1988). Information Society: An International Perspective. New York: Praeger.
- Bell, D. (1979). The Social Framework of Information Society. In Dertouzos, M.L and Moses, J. (eds), Computer Age: A Twenty Year View. Cambridge, MSS: MIT Press.

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Course Code	MLIS-103
Course Title	Information Analysis and Marketing
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To make the required information reach larger audience in accessible and usable form
- To develop vibrant professional for the information marketing and optimum utilization of information resources.
- To encourage more intensive use of information in wide range of development activities
- To enable students to assess information user needs.
- To inculcate the skills of information analysis, evaluation, synthesis, packaging and repackaging of information product.
- To define the process of information consolidation and describe its role and potential benefits in satisfying information need of users.

Course Content:

Unit-1

- Information Analysis
- Packaging and Repackaging of Information
- Information Products: Concept, Nature, Definition
- Information Products: Design and Types with Examples

Unit-2

- Marketing: Definition, Concept, Need, Functions
- Information as a Marketable Commodity
- Demand and Supply of Various Information Services
- Factors affecting Demand and Supply
- Distribution and Marketing of Information
- Abstracting: Types and guidelines in preparing Abstract

Unit-3

- E-Marketing: Concept, strategies, Use, Advantages
- Information Audit: Role, Scope, Methodology
- Market Segmentation.
- Trends in Information Analysis,
- Electronic Content Creation

Unit-4

- Distribution Channel
- Marketing Mix
- Marketing Strategy
- Techniques and Tools of Market Analysis
- Content Analysis: Techniques , Methods and Purpose

Unit-5

- Information Analysis Centre's (IAC) and Consolidation
- Indexing and Abstracting Periodicals
- Reviews and State of Art Report
- Progress Report and Trend Report
- Conference Report and Statistical Report

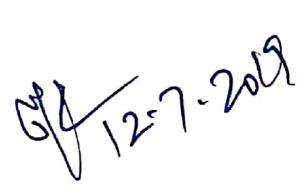
Dr. S. R. Patil
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Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Seetharama,S (2015)Marketing in Libraries and Information Centres.New Delhi Ess Ess Publications.
- Lackie, Robert J.(2015) Creative Library Marketing and Publicity.Maryland Rowman & Littlefield
- Gordon, Valerie S.(2016).Marketing for special and Academic Libraries
- Raju, J.K. and Patil, Hema and Srikanth, C and D'Souza, Francis(2013).Marketing management.Mumbai Himalaya Publishing House
- O'Brien, Emma and Clifford, Seamus and Southern, Mark.(2011) Knowledge management for process organizational and marketing innovation : tools and methods
- Jain, Abhinandan K.(1999) Product Design and Test Marketing of information product and services. Delhi
- CHOPRA,H.S.(ED.)(1996)Information marketing, Jaipur. Rawat

Course Code	MLIS-104
Course Title	Research Methods and Statistical Techniques
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To familiarise with the process of research and different research methods.
- To develop the skills for quantitative data analysis and consolidation.
- To enable students in writing cohesive and succinct reports.

Course Content:

Unit-1

- Research: Concept & Types of Research
- Steps of Research
- Research Design: Essentials of good research design & its importance. Types of Research Designs.
- Hypothesis
- Ethical Aspects of Research

Unit-2

- Research Methods:
 - Scientific Method
 - Historical Method
 - Descriptive Method: Survey Method & Case Study Method, Delphi Method
 - Experimental Method

Unit-3

- Research Techniques and Tools
 - Data Sources: Primary and Secondary data.
 - Questionnaire and Schedule
 - Interview
 - Observation
 - Rating Scales & Check lists
 - Sampling Techniques: Probabilistic and Non-probabilistic Sampling techniques

Unit 4

- Data Analysis & Interpretation
 - Descriptive Statistics: Measures of Central Tendency; Mean, Mode, Median, Measures of Dispersion.
 - Testing of Hypothesis. Chi-Square Test.
 - Tabulation and Graphical Presentation of Data.
 - Statistical Tools - MS-Excel or SPSS.

Unit 5

- Research Report Writing: Structure & Formats
- Plagiarism & Fair Use
- Style Manuals- Chicago Manual of Style, MLA & APA
- Reference Management Software: Zotero or Mendeley.
- Areas of research in Library and Information Science.

Method of Teaching: Lecture, Brainstorming sessions, group discussions.

Method of Assessments and weightage: Assignments, Seminar Presentation, and Written test.

Recommended Books:

- Alasuutari, P., Bickman, L. & Brannen, J. (Eds.) (2008). The SAGE Handbook of Social Research Methods. London: Sage Publication.
- Atkinson, P & Delamont, S. (Ed.) (2011) Sage Qualitative Research Methods. (Vols. 1-4). New Delhi: Sage Publication.
- Burton, D. & Bartlett, S. (2009). Key Issues for Education Researchers. California: Sage Publication.
- Busha, C. H. & Harter, S. H. (1988). Research Methods in Librarianship: Techniques and Interpretations. New York: Academic Press.
- Cooper, H. M. (2006). Synthesizing research: A guide for literature reviews. Thousand Oaks, Calif: Sage.
- Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approaches. (4th ed.). California: Sage Publication.
- Devarajan, G. (2011). Prolegomena to Research methodology. New Delhi: Ess Ess Publishing.
- Fetterman, D. M. (2010). Ethnography: step-by-step (3rd Ed). (Applied social research methods series; v. 17). California: Sage Publication.
- Goon, A M. (2000). Fundamental of Statistics. Calcutta: World Press .
- Guthrie, G. (2010). Basic research methods: an entry to social science research. London: Sage.
- Kothari, C.R. (2009). Research Methodology: Methods and Techniques. New Delhi. New Age
- Kumar, R. (2005). Research Methodology: a step by step by guide for beginners (2nd ed.).
- Kumbhar, R. (n.d.) Library and information science research. Pune: Universal.
- Leo, E. and Rousseau, R. (2001). Elementary Statistics for Effective Library and Information Service Management. London: Aslib.
- Oliver, P. (2010). Understanding the Research Process. New Delhi: Sage Publication.
- Powell, R. R. & Connaway, L. S. (2010). Basic Research methods for Librarians. 5th ed. Westport: Libraries Unlimited.
- Rao, I. K. R. (1983). Quantitative Methods for Library and Information Science. New Delhi: Wiley Eastern.
- Simpson, I.S. (1990). How to interpret statistical data: a guide for librarians and information scientists. London: Library Association.
- Stephen, P. & Hornby, S.(1995). Simple statistics for library and information professionals. London: Library Association.

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Course Code	MLIS-105
Course Title	Management of Library and Information Centres
Type of Paper	Core
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To understand different strategies of library management.
- To understand library management policies.
- To find out types of problems faced by handling management techniques.
- To find out the analysis techniques of management.
- To create awareness about leadership in professionalism.

Course Content:

Unit-1

- Total Quality Management (TQM): Definition, Concept, Elements
- Disaster Management in LICs
- Building and Space Management in Libraries and Information Centres

Unit-2

- Management by Objectives (MBO)
- Organisation Behaviour: Origin, Levels, Human Behaviour,
- Content Theories of Motivation
- Library Standards

Unit-3

- Change Management: Concept of Change
- Changes in procedures, Methods, Tools and Techniques
- Problems of Incorporating Change
- Techniques of Managing Change
- Six Sigma in LICs

Unit-4

- Management Information System (MIS)
- Project Management: PERT/CPM
- Performance Measurement
- SWOT (Strength, Weakness, Opportunities, Threat) Analysis
- Data Flow Diagram (DFD)

Unit-5

- Leadership
- Annual Reports
- Outsourcing
- Delegation of Authority, Decentralisation

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Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books: –

- Mittal, R. L. 2007. Library Administration: Theory and practice. New Delhi: Ess Ess.
- Krishnamurthy, R. 1992. Library Administration and Resources .New Delhi: Commonwealth.
- Khanna, J. K. 2001. Hand book of Library Administrative. New Delhi: CREST.
- Ranganathan, S. R. 1935. Library Administration. New Delhi: Ess Ess.
- Krishnamurti, K. 2013. Library Management. New Delhi: Commonwealth.
- Shivadas, K. K. 2015. Library Management. New Delhi: A.P.H.
- Hiatt, Jeffery.M. Change Management: The people side of change.

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Course Code	MLIS-106
Course Title	Information Analysis and Marketing- Practical
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To explain how the information is packaged.
- To identify the different types of marketing strategies for information products.
- To identify the different types of on-line information products.

Course Content:

Methodology and Preparation of:

- House Journals
- Newsletters
- Technical Digests
- Trend Reports
- Reviews and Related Products
- Brochures
- Abstract (Indicative, Informative & Structured)

Method of Teaching: Practical, Group Discussion, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

1. Hexagon- Vision of Eveready Industries India Ltd, Published from Kolkata.
2. Energy News by University of Petroleum & Energy Studies and Indian School of Petroleum. Published from New Delhi.
3. NextDraft a daily email written by Dave Pell.
4. <http://www.egyankosh.ac.in/bitstream/123456789/11120/1/Unit-11.pdf>

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DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Master of Library & Information Science (M.Lib.I.Sc.)
(w.e.f. 2019-20)
IInd Semester

Course Code	MLIS-201
Course Title	Electronic Resources Management
Type of Paper	Open Elective
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To acquaint with various electronic resources management.
- To understand the factors associated with digital information literacy.
- To know the importance and role of various databases.
- To know the concept and utilization of open access resources.

Course Content:

Unit 1: Information Sources and Information Resources

- Information Sources – categories and features, Information sources vs. Information resources, Organization of information sources;
- Role of information resources in education and research;
- Documentary Sources: Primary, Secondary and Tertiary;
- Institutional and Human Sources; Non print materials including digital information sources, Traditional Vs. Digital sources of information;
- Reference Books: Meaning, Differences with traditional book, Categories of reference books, Indian reference sources.

Unit 2: Digital Information Literacy

- Information literacy – elements, standards, indicators;
- Information literacy – role in knowledge society, digital divide;
- Digital information skills – programmes, initiatives, channels;
- Skills related to searching and browsing;
- Skills related to citation management;
- Managing social media.

Unit 3: Accessing Electronic Resources

- Accessing union catalogues;
- Accessing bibliographic databases;
- Accessing full-text databases and e-journal portals
- Accessing electronic alerting services;
- Managing Personal Information Environment.

Unit 4: Open Access Resources

- Open Access – what and why;
- Serials crisis and Open Access;
- Open Access – Gold path and Green path;
- Open Access ETDs;
- Open Access text books.

Unit 5: Open Educational Resources

- OER – what and why;
- OER programmes and initiatives;
- OER repositories;

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- OER and MooCs;
- OER and SWAYAM.

Method of Teaching: Lecture, Seminars, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Allan, Barbara. E-learning and teaching in library and information services, London: Facet Publishing, 2002.
- Bhattcharjee, Sucheta, Bhattcharjee, Sudeep, Sinha, Manoj Kumar, Usage of E-resources under N-LIST Programme : Concept, Needs and Case study, LAP : Lambert Academic Publishing, 2015, 110p..
- Brindley, L. (1998). Ed. The electronic Campus. London, British Library Dearnley, James and Society, London: Facet publishing, 2001.
- Feather, John. The information society: A study of continuity and change. 3rd ed. London: Concept Publishing, 2000
- G.G. Chowdhury, Introduction to Digital Libraries, London: Facet Publishing, 2003
- Garlok, K.L. and Piontek, S. (1996). Building the Service-based Library Website: A step by step guide to design and options. Chicago: ALA.
- Rowley, J.E.: The Electronic Library. 4th Ed. Of Computers for Libraries. London: Facet Publishing, 1998.

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Course Code	MLIS-202
Course Title	Information Technology: Applications
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To deal with the knowledge of hardware, software, networking, interactive media, telecommunication, personal technologies, and new and emerging devices and technologies.
- To develop and implement support strategies of effective news of Information Technology
- To implement policies and procedures necessary to ensure effective, secure and appropriate use of information resources and services
- To efficiently manage procurement and acquire new hardware and software
- To encourage the learners to develop social skills data essentials for cooperative and collaborative learning based around ICT

Course Content:

Unit-1

- Library Automation: Definition, Need, Purpose, Advantages, Limitations
- Library Automation – Areas, Planning,
- Selection of Hardware and Software,
- Planning and Implementation of Library Automation
- Library management software: KOHA, Libsys, SOUL

Unit-2

- Barcode, RFID, QR Code, Biometric, Smartcard: Features and Applications
- Internet Security
- Digital object identifier.
- Content Management Systems – Architecture, Data Integration,
- CMS Software –Selection, Implementation and Evaluation

Unit-3

- Internet: Concept, features, services, and tools
- Network Based Information Services
- Connectivity: Dialup, Leased lines, ISDN, Digital subscriber lines
- Internet Protocols and Standards – HTTP, SHTTP, FTP, SMTP, TCP/IP, URI, URL

Unit-4

- Digitization – Planning, Selection of Materials, Hardware, Software, Process, Issues.
- Digital Preservation – Need, Purpose, Standards, Methods, Techniques, Projects (National and International).
- Digital Library Initiatives – National and International.
- Teleconferencing, and Video conferencing
- Disaster management in Digital Environment

Unit-5

- Digital Library: Genesis, Characteristics, Types and Architecture
- Metadata
- Hardware and software
- Input capture devices, scanners, digital, movie cameras
- Planning procedure and implementation

Method of Teaching: Lecture, Seminars, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

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Recommended Books:

- Lesk, Michal (2005) Understanding digital Libraries. USA.MKP
- Limb Peter(2004). Digital Dilemmas and Solution. Oxford: Chandos
- Muller, J.f.(2003) A Librarians Guide to The Internet. Oxford:Chandos.
- Srikumar and others(2006) digital libraries in knowledge Management. New Delhi: Ess Ess
- Digital libraries/edited by Febrice papy. London: John Wiley, 2007
- Anderson, C.G. and others(2004) starting a digitization centre. oxford: chandos
- Jeevan, VKj(2003) Digital Libraries.New Delhi: Ess Ess.
- Witten, Ian H and David Bainbridge.(2003). How to Build Digital library. Amesterdon. MKP
- Chopra (H.S.). Library Information Technology in Modern Era: Libraries and Librarian in New Millennium. 1999. Common wealth. New Delhi.
- Dahl (Mark), Banerjee (Kyle) and Michael (Spalti). Digital Libraries: integration content and system. 2006. Chandos publishing, Oxford
- Gopal (Krishna). Intellectual Freedom in Digital Libraries. 2000. Authors Press. New Delhi .
- Han (Jaiwei) and Kanber (Michelive).Data mining: concept and technology. 2003.Morgan.San Francisco
- Melling(Maxine).Supporting e-learning: a guide for library and information mnagers.2005.facet publishing .London
- Muller (Jeanne Froidevaux). A librarian's Guide to the internet: searching and evaluating information. 2003. Chandos publishing. Oxford
- Tiwari (Aravind). Evaluation of Electronic Libraries. 2002. APH Publishing Corporation. New Delhi.

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Course Code	MLIS-203
Course Title	Information Technology: Applications -Practical
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To provide hands on experience with design, development and implementation of library management software.
- To provide hands on experience with design, development and implementation of Digital library software.
- To introduce the basics of database management.

Course Content::

- Creation & Maintenance of relational databases using either MySQL or PostgreSQL.
- Creation & Maintenance of bibliographic databases using either WINISIS or J-ISIS.
- Installation and configuration of different functional modules of an Integrated Library Management System (Open Source) such as, KOHA
- Digitisation of print documents, process of OCR and file naming conventions.
- Creation of Digital Library using Greenstone Digital Library Software or DSpace
 - Creation of metadata
 - Downloading records using Z39.50 protocol
 - Customisation
 - Searching of records
- Online Searching: Simple and Advanced Search features of scholarly databases.

Method of Teaching: Case studies, Demonstrations, Practical sessions, Class activities, and Troubleshooting.

Method of Assessments and weightage: Assignments and practical test.

Recommended Books:

- Aswal, R.S. (2003). CDS/ISIS for windows: A handbook for librarians. New Delhi: Ess Ess Publication.
- Date, C.J. (2000). An Introduction to Database Systems. 7th ed. Boston, MA, USA: Addison-Wesley Longman
- Gopal, K. (2000). Digital libraries in electronic information era. New Delhi: Authors Press.
- Haravu, L.J.(2004). Library automation: Design, principles and practices. New Delhi: Allied Publishers.
- Koha developers(2017). Koha Manual 18.05 documentation. Available at <https://koha-community.org/manual/18.05/en/html/>
- Rajaraman, V. (2007). Fundamentals of computers (4th ed.). New Delhi: Prentice-Hall of India.
- Savitri, Sirohi and Gupta, Amit (2011). Koha 3 library management system. Mumbai: Packet Publishing.
- Zhang, A. B. & Gourley, D. (2009). Creating digital collections: A practical guide. Oxford: Chandos.

Dr. B. N. S. S. S. Murthy
12/7/2019

Dr. S. S. S. Murthy
12/7/2019

Course Code	MLIS-204 (A)
Course Title	Academic Library and Information System
Type of Paper	Discipline Centric Elective
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To develop the knowledge about academic libraries;
- To explain the university library networks and resource sharing ;
- To explain the need of automation and technology; and
- To develop expertise in HRM.

Course Content:

Unit-1

- University Library: Objectives, Features, Need and Objectives
- Development of University and College Libraries and Information Centres
- Pre & Post Independence Period
- Role of University Library in Interdisciplinary Studies

Unit-2

- Role of UGC on Development of Academic Library and Information Systems
- Sections & Services of University Library

Unit-3

- Impact of Automation and Technology on University Library
- Finance and Consortia in University Library
- Building: Planning, Design, Fittings and Furniture of University Library

Unit-4

- Resource Sharing in Academic Library, INFLIBNET
- Personnel Management of University Library: Nature, Size, Selection Recruitment, Qualification, Training, Responsibilities and Duties. UGC staff formula

Unit-5

- Case studies of university Library: Organizational Structure, Sections, Services HRM, and Functioning
- Departmental Libraries
- UGC- Rules and Regulation, Policies

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and Written exam.

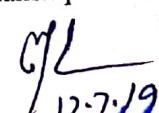
Recommended Books:

- Gelfand, M.A. (1971). University Libraries for Developing Countries. Paris: UNESCO, 24.
- Ghanch, D.A. (1992). The Library in the University. University News.
- Gupta, O.P. (1998). Library Services in University and College Libraries in India. New Delhi: Reliance Publishers.
- Paul, Buck (1964). Libraries and Universities. Cambridge: Harvard..
- Sahai, Shri Nath. (1990). Academic Library System. New Delhi: Allied.
- Srivastava, S.N. and Verma, S.C. (1980). University Libraries in India. New Delhi: Sterling Publishers.
- Shores, Louis (et. al.) (1966). The Library College: Contribution for Higher Education at the James Town College Workshop: Drexel Press.
- Drucker, Peter (1955). The Practice of Management, Heinemann. Finer, Ruth (1982). Reference and Enquiry Work in Anthony, L.I.Ed. Handbook of Special Librarianship and Information Work. London: Aslib

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- Girija Kumar (1987). Library Development in India. New Delhi: Vikas.
- Girija Kumar and Krishan Kumar (1983). Philosophy of User Education. New Delhi: Vikas.
- McKee, Bob (1989). Planning Library Service, London: Clive Bingley.
- Ranganathan, S.R. and Sundaram, C. (1940). Reference Service and Bibliography, Madras: Library Association.
- Gorbett, E.B. (1978). Fundamentals of Library Organisation and Administration: A Practical Guide. London: The Library Association.

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Course Code	MLIS-204 (B)
Course Title	Medical Libraries and Information Systems
Type of Paper	Discipline Centric Elective
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To aware about health education and health science libraries in India.
- To understand concept of health science information systems.
- To know the role of health science databases.
- To understand concept of information reference services.
- To understand personal management of health science libraries.

Course Content:

Unit -1

- Health Information: Definition, Need, Purpose and Functions
- Genesis and Development of Health Science Libraries in India.
- National Medical Library of India.
- National Library of Medicine, USA

Unit-2

- Health information: Sources, Services, Products and Marketing
- Collection development and Management of Library Materials
- Health Science Information Systems: Concept, Need and Functions

Unit-3

- Health Sciences Database: IT for health sciences, IT in occupational Health Libraries and Information Centres
- Role of MEDLARS, WHO in Health Information
- Internet Searching: Panorama of the Information Available at the Nuclear Medicine Websites
- Biotechnology Information System Network
- BIOSIS

Unit-4

- Resource Sharing and Networking: Need and Types of Networks; OCLC Databases
- Information Services: CAS, SDI, Abstracting and Indexing, Computerized Services

Unit-5

- Personnel Management of Medical Libraries: Nature, Size, Selection, Recruitment, Qualification, Training, Responsibilities and Duties
- Health Sciences Library Ethics: Ethics for Online Intermediaries in Health Science Librarianship

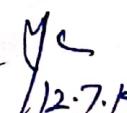
Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

- Vapalakshmi, R.S.R. 1993. Information services in medical college libraries. New Delhi: Ess Ess.
- Kashyap, K.A.R. 1998. Selective dissemination of information services. New Delhi: Anmol.
- Goud, H.G. 2003. Comparative study of library services in government and non-government medical. New Delhi: IGNOU.



- Woods, M.S. Health Sciences Librarianship. Chicago: Rowman & Littlefield.
- Kaul, H.K. & Fasil, N. 1999. Library Resource Sharing and network. New Delhi: Virgo.
- Vijayan Banu, P. 2006. Personnel management and human resources. Kumbakonam: Angel offset.
- Shipman, Jean. 2018. Strategic Collaborations in Health Science Libraries. Chandos Publishing

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Course Code	MLIS-204 (C)
Course Title	Public Library and Information System
Type of Paper	Discipline Centric Elective
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To know the historical back ground of the Public Library and information system.
- To acquaint with sources and services of public library system.
- To identify relevant information services of public library and its importance in current scenario.
- To know about the resource sharing and networking
- To understand the personal management of the public library system.

Course Content:

Unit -1

- Public Library: Definition, Need, Purpose, Genesis and Functions
- Growth & Development of Public Libraries in India with Particular Reference to 19th and 20th centuries
- Public Library System at a glance.

Unit-2

- Public information: Sources, Services, Products and Marketing
- Collection development and Management: Periodicals, Conference literature Grey Literature, Patents, Standards, Govt. Publication, Non-Book Materials: E-documents
- Public Information Systems: Concept, Need and Functions

Unit-3

- Public Databases, IT in Public Libraries and Information Centres.
- Information Services: CAS, SDI, Abstracting and Indexing, Computerized Services

Unit-4

- Resource Sharing and Networking
- Types of Networks

Unit-5

- Personnel Management of Public Libraries: Nature, Size, Selection, Recruitment, Qualification, Training, Responsibilities and Duties.

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

- BARUA (B P). National policy on library and information systems and services for India: perspectives and projections. 1992. Popular, Bombay.
- BATT (Chris). Information technology in public libraries. 1998. London Library Association Publishing, London.
- BHATT (R K). Unesco: development of libraries and documentation centres in developing countries. 2004. K K Publications, New Delhi.
- HIGGINS (S E). Youth services and public libraries. 2007. Chandos Publishing, Oxford.
- IFLA. IFLA guidelines for public libraries (revised). 2000. The Hague, IFLA.
- INDIA. Advising committee for libraries. Ed. 2. 1958. Manager of Publications, Delhi.
- JAGANAYAK (S S). Role of libraries in socio-economic, cultural, and educational development. 1997. Classical Publication, New Delhi.

Handwritten signatures and initials of course faculty members, including initials 'OJ', 'B', 'O', 'J', and a date '12-7-19'.

- Woods, M.S. Health Sciences Librarianship. Chicago: Rowman & Littlefield.
- Kaul, H.K. & Fasil, N.1999. Library Resource Sharing and network. New Delhi: Virgo.
- Vijayan Banu, P.2006. Personnel management and human resources. Kumbakonam: Angel offset.
- Shipman,Jean. 2018. Strategic Collaborations in Health Science Libraries. Chandos Publishing

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Course Code	MLIS-204 (D)
Course Title	Engineering and Technological Libraries and Information Systems
Type of Paper	Discipline Centric Elective
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To identify and describe the activities, functions and services of engineering libraries those are attached to different types of Engineering Institutions.
- To explain the evolution and growth of Engineering Libraries and information centres and distinguish their specific characteristics with reference to their specialized products and services.

Course Content:

Unit-1

- Emerging trends in engineering education in India
- The role of AICTE in Development of Engineering and Technology Libraries
- Information needs of engineering and technology libraries

Unit 2

- Planning and designing of Engineering Information Systems
- Application of ICTs in library housekeeping operations
- Management of Engineering Information System
- Financial management

Unit 3

- Users community – categories,
- Levels of their information requirements.
- Management of electronic and digital resources
- Internet sources and online data bases in engineering and technology

Unit 4

- Information Literacy
- Engineering information systems and networks;
- Professional staff and training

Unit 5

- Networking and resource sharing of engineering and technology
- Information Consortia models – IEEE Transactions;
- Open courseware-NPTEL

Method of Teaching: Lecture, Seminars, Library visits, etc.

Method of Assessments and weightage: Assignment and written exam.

Recommended Books:

- Ahrenfield, J.L. [et al]. (1981). Special Libraries: A Guide for Management. New York: Special Library Association.
- Gates J.K. (1968). Introduction to Librarianship. New York: Mc-Graw Hill.
- Harvey, Joan M. (1976). Specialist Information Centres. London: Clive Bingley.
- Silve, Manil (1970). Special Libraries: Andre Deutsch (Grafton Basic Texts): London.
- Strauss, L.J. (et.al) (1964). Scientific and Technical Libraries: Their Organisation and Administration. New York: Inter Science Publication.
- Weisman, Herman M. (1972). Information Systems, Services and Centres. New York: BeckBr and Hayes.



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Course Code	MLIS-205
Course Title	Dissertation
Type of Paper	Core
Credits	08
Teaching Hours	96 Hours

Objectives of the Course:

- To state the overall purpose of the particular study.
- Start by coming up with the reason for that carrying out the study.
- Write down the main tasks required to achieve particular purpose.
- To broad statements of desired outcomes, or the general intentions of the research.

Dissertation Evaluation will be done by External and Internal Examiner on 50% basis for 6 (Six) credits. The Viva-voce exam will be conducted by external examiner only for 2 (two) credits. (6 credits for evaluation + 2 credits for viva voce)

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DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Master of Philosophy (M. Phil) in Library and Information Sciences
One and Half Years Programme
(w.e.f. 2019-20)
One Year Programme (Two Semesters)

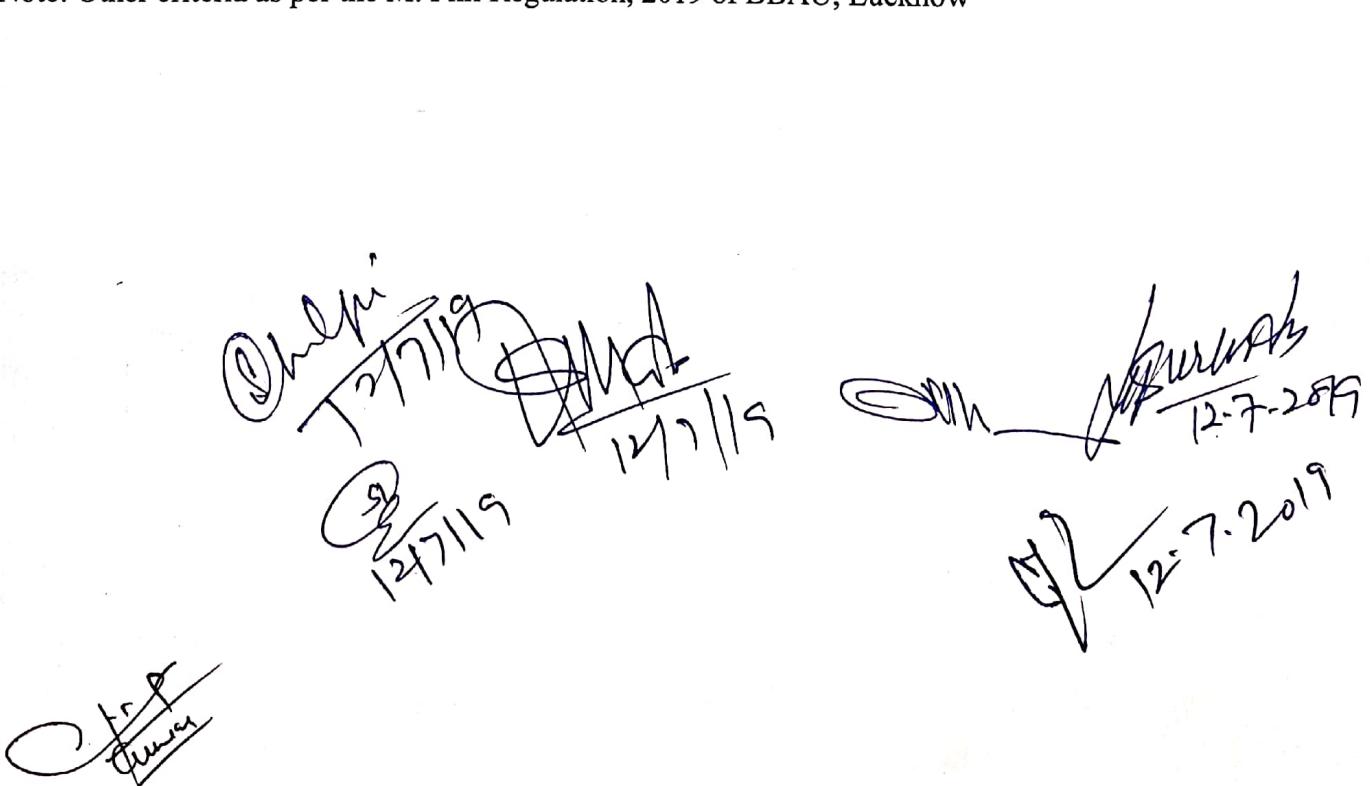
Ist Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
MPH- 101	Research Methodology	Core	70	30	04
MPH- 102	Discipline Specific: Optional Paper MPH 102.A Foundations of Library and Information Science MPH 102.B Knowledge Management MPH 102.C Application of Tools and Technologies in Library and Information Science	Discipline Centric Elective	70	30	04
MPH- 103	Emerging Trends & Technologies in LIS	Core	70	30	04
MPH- 104	Library and User Studies	Core	70	30	04
Total Credits					16

IInd Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester/Year (in %)		
MPH-201	Dissertation	Core	100%		08
MPH-202	Pre-Presentation Seminar	Core	100%		04
MPH-203	Viva-voce	Core	100%		04
Total Credits					16

Note: Other criteria as per the M. Phil Regulation, 2019 of BBAU, Lucknow



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DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Master of Philosophy (Library & Information Science)
(w.e.f. 2019-20)
Ist Semester

Course Code	MPH-101
Course Title	Research Methodology
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To know the main streams of research and their applications in LIS.
- To make pursuance research scholars in frontiers of knowledge in library and information science.
- To explain various kinds of research and their application in library and information science.
- To know the basic statistical techniques and their applications in LIS research.

Course Content**Unit-1**

- Research: Meaning, Definition, Scope, Concept, Need and Types
- Research Design and Designing Research Proposal
- Review of Literature
- Research Ethics
- Functions of Hypothesis

Unit-2

- Research Methods
- Historical Method, Scientific Method
- Survey Method, Experimental Method
- Case Study Method

Unit-3

- Questionnaire; Schedule
- Interview; Observation
- Sampling Theory: Types of Sampling
- Steps in Sampling
- Sample Size

Unit-4

- Measures of Central Tendency; Mean, Median, Mode
- Presentation of Data: Tabular, Graphic, Bar Diagram and Pie-Charts
- Statistical Data Analysis: Use of Statistical Packages (SPSS)

Unit-5

- Research Report Writing: Structure, Style and Course Content
- Style guides with examples (Chicago, APA, MLA)
- Presentation of Bibliography and References Course Content, Footnotes, citation, Quotations
- Bibliometric Studies: Concept and Definition, Bibliometric Laws and their Applications
- Webometrics, Scientometrics.

(Signature) R.P. 12.7.19 **Method of Teaching:** Lectures, Demonstrations, Brainstorming sessions, and Case studies.

(Signature) R.P. 12.7.19 **Method of Assessments and weightage:** Assignments, seminar presentations, quizzes and written tests.

(Signature) R.P. 12.7.19

(Signature) R.P. 12.7.2019

Recommended Books:

- Goode, William J. and Hatt, Paul K. (1981). Methods in Social Research. Auckland: McGraw Hill.
- Kothari, C.R. (2004). Research Methodology: Methods and Techniques. 2nd ed. Delhi: New Age.
- Krishan Kumar (1998). Research Methods in Library Science. 2nd ed. Delhi: HarAnand.
- Powell, Ronald, R. (1997). Basic research Method for Librarians. 3rd ed. Greenwich: Ablex
- Slater, Margaret (ed). (1990). Research Methods in Library and Information Studies. London: The Library Association.

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Course Code	MPH-102(A)
Course Title	Foundation of Library and Information Science
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To understand about the origin and development of libraries.
- To understand about the five laws and their implications in ICT era with research orientation.
- To understand details about library legislation and IPR acts with respect to research.
- To find out the different types of national /international library organization.
- To get knowledge about professionalism and professional ethics.

Course Content:

Unit-1

- Development of Libraries with special reference to India
- Library and Society
- Different types of Libraries - their distinguishing features, functions, services
- Role of Library in formal and informal education

Unit-2

- Five Laws of Library Science and their implications
- Laws of Library Science in ICT environment
- Professional ethics
- Professional Education and Research

Unit-3

- Information Literacy: Concept, meaning, need; Information Literacy Models; ACR Standards;
- Public Relations and Extension Activities

Unit-4

- National Library Associations - ILA, IASLIC
- International Library Association – IFLA, ALA
- International Library and Information Services Promoters: UNESCO

Unit-5

- Conservation and Preservation: Concept, need; Different types of information materials - their nature and Preservation; Archives -micrographics relation to preservation
- Cultural properties in museums: concepts, definitions, characteristics, importance

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Kumar, S. (s.n). Public Libraries Act in India. New Delhi: Ess Ess.
- Iyer, V.K. 1999. Public Library System in India. Delhi: Rajat.
- Kumar, P.S.G. 2014. Changing Dimensions of Library and Information Science. New Delhi: Ess Ess.
- Sinha, S. C. 2004. Library Buildings and Furniture: Design and Planning. New Delhi: Ess Ess.
- Ranganathan, S. R. 2008. Library Manual. New Delhi: Ess Ess.
- Ramaiah, L.S. 1999. Information and Society. New Delhi: Ess Ess.
- Khanna, J. K. 1994. Library and society. New Delhi. Ess Ess.
- Kumar. Krishna.2013. Library Organisation. Krishna Kumar. Noida:Vikas Publishing house Pvt. Ltd.

A row of four handwritten signatures in black ink, likely belonging to faculty members or course coordinators, positioned at the bottom of the page.

Course Code	MPH-102(B)
Course Title	Knowledge Management
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To acquaint the students with the Library services and products i.e. SWOT Analysis; PERT/CPM etc.
- To understand management aspects in various context.
- To know recent management techniques in the context of management.
- To familiarise students about the review of research oriented databases and various applications.

Course Content:

Unit-1

Evaluations of Library Services and Products: SWOT Analysis; PERT/CPM; Marketing Skill and Techniques; Consultancy; Content Management.

Unit-2

Management Aspects: Total Quality Management (TQM); Institutional Repository; Data mining; text mining; knowledge discovery in databases; Cloud Computing.

Unit-3

Recent Management Techniques: Six Sigma; Benchmarking; Information / knowledge audit; Change management; Content Management.

Unit-4

Review of Research Oriented Databases: Vidyanidhi, INFLIBNET, Thesis and dissertation.com, LISA, LISTA

Unit-5

Application of current trends of Information Technology like Digital Divide, Metadata, Dublin Core, etc. in KM; Information Retrieval System and KM

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

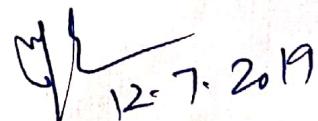
Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- BALAKRISHNAN (S.). Management of Library Information Services. 2001. 1st ed. Anmol Publications Pvt. Ltd. New Delhi.
- KRISHNAMURTHY (R.). Library Management. 1997. Commonwealth Publication. New Delhi.
- KRISHNAMURTHY (R.) Library Administration and Resources. 1997. Ajay Verma for Commonwealth Publishers. Delhi.
- PANWAR (B.S.). Library Management. 1986. B.R. Pub.Co. Delhi.
- PRYATHERCH (Ray). Information Management and Library Science. 1997. Jaico Publishing House. Mumbai.
- SINGH (S. K.). Essentials of Integrated Library Management. 2002. Authors Press. New Delhi.
- MONAPPA (Arun). Personal Management Mirza S. Saiyadain. 1996. 2nd ed. Tata Mc Graw-Hill. New Delhi.



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Course Code	MPH-102 (C)
Course Title	Application of Tools and Technologies in Library and Information Science
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To acquaint the students with the applications of ICT tools and technologies in LIS.
- To make students understand about library consortium.
- To enable the students to differentiate between open access educational and electronic resources.
- To familiarise students about the IPR issues and plagiarism.

Course Content:

Unit-1

- Concept of ICT and its role in the development of LICs
- Cloud computing applications in LICs
- Role of social media in libraries
- RFID technology and its application in libraries
- Internet Security

Unit-2

- Basics of library consortium, need, features and functions.
- Evolution of library consortia.
- Types of consortium- impact and importance in education and research
- Consortium Initiatives in India.

Unit-3

- Introduction to the concept of Digital and Virtual Library
- Hardware and software for digital library
- Collection development of digital library
- Digitization, Archiving, Preservation and Access
- Metadata

Unit-4

- Basics of E-resources, types, features, advantages and limitations
- Open Access Initiatives and Institutional Repository
- Open access electronic resources
- Open access educational resources
- E-Resource Management

Unit-5

- Electronic Publishing, E-Learning
- Concept, development and trends in Intellectual Property
- Indian Copy Right in Digital Environment: Issues and challenges
- Plagiarism and Fair Use
- Digital Object Identifier

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Andrews, J. (2010). Digital Libraries. London: Ashgate.
- Cornish, G. P. (1990). Copyright interpreting the law for libraries and archives. London: Library Association.
- Dorothy Warner. (2002). Why Do We need to keep this in print? It's on the Web: a Review of Electronic Archiving Issues and Problems. Progressive Librarian, number 19-20.

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- Fenner, Audrey (ed.). (2005). Managing Digital Resources in Libraries. New York: Haworth.
- Gopal, K. (2000). Digital Libraries in Electronic Information Era. New Delhi: Authors Press.
- Kent, Allen. (1994). Encyclopedia of Library and Information Science. NY: Marcel Dekker.
- Lesk, Michael. (1996). Understanding Digital Libraries. 2nd ed. San Francisco: Morgan Kaufman.
- Raitt, David. (2000) Digital Library Initiatives Across Europe. Computers in Libraries, 20(10). p. 26.
- Saffady, W. (1995). Digital library concepts and technologies for the management of library collections: an analysis of methods and costs. Library technology reports.31(3). pp. 221-380.
- Srivastava, M. D. (2011). Metadata Creation in Digital Libraries. New Delhi: Pacific.
- Sul H. Lee. (1999). Collection Development in the Electronic Environment: Shifting Priorities. Haworth Press.
- Svenonius, Elaine. (2000). The Intellectual Foundation of Information Organization. USA: MIT Press.
- Willinsky, John. (2005). The Access Principle: The Case for Open Access to Research and Scholarship. (Digital Libraries and Electronic Publishing). Cambridge: MIT Press.

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Course Code	MPH- 103
Course Title	Emerging Trends & Technologies in LIS
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To comprehend how common tools can be applied to provide new innovative LIS services.
- To disseminate with the new tools and technologies enabled LIS, particularly in a web based environment.
- To provide better service to our researchers, we need to implement various new tools and technologies in libraries which is penetrating in every day of life though the ICT Application.
- To explore the extent of applications of Web 2.0 tools in libraries.
- To explores the feasibility of inclusion of technology use

Course Content:

Unit-1

- Electronic Information Resources – Subject Gateways,
 - Web Portals,
 - Directories,
 - Discussion Forums /Groups.
- Databases: Bibliographic, Numeric, Full text, Multimedia; Open Access Databases

Unit-2

- Web 2.0 and 3.0 – Library 2.0- Concept, Characteristics, Components
- Instant Messaging, RSS Feeds, Podcasts, Vodcasts, Ask a Librarian
- Collaborative Services- Social Networks, Academics Social Networks,
- Social Tagging, Social Bookmarking.
- Web – Scale Discovery Services

Unit-3

- Mobile based Library Services and Tools – Mobile OPAC,
- Mobile Databases,
- Mobile Library Website,
- Library Apps, Mobile Library Instructions,
- Institutional Repository-Need, Purpose, Types and Tools

Unit-4

- QR Code,
- Biometric,
- Smartcard: Features and Applications
- Disaster management in Digital Environment

Unit-5

- Digital Library Initiatives – National and International
- CMS Software –Selection, Implementation and Evaluation
- Digitization – Planning, Selection of Materials, Hardware, Software, Process, Issues.
- Digital Preservation – Need, Purpose, Standards, Methods, Techniques, Projects (National and International).

Method of Teaching: Lecture, Practice, Class test, etc.

Method of Assessments and weightage: Assignment and Written exam.

Recommended Books:

- Lesk, Michal (2005) Understanding digital Libraries. USA.MKP
- Limb Peter (2004). Digital Dilemmas and Solution. Oxford: Chandos
- Muller, J.f. (2003) A Librarians Guide to The Internet. Oxford:Chandos.

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- Srikumar and others (2006) digital libraries in knowledge Management. New Delhi: Ess Ess
- Digital libraries/edited by Febrice papy. London: John Wiley, 2007
- Anderson, C.G. and others(2004) starting a digitization centre. oxford: chandos
- Jeevan, VKJ(2003) Digital Libraries.New Delhi: Ess Ess.
- Witten, Ian H and David Bainbridge.(2003). How to Build Digital library. Amesterdon. MKP
- Chopra (H.S.). Library Information Technology in Modern Era: Libraries and Librarian in New Millennium. 1999. Common wealth. New Delhi.
- Dahl (Mark), Banerjee (Kyle) and Michael (Spalti). Digital Libraries: integration content and system. 2006. Chandos publishing, Oxford
- Gopal (Krishna). Intellectual Freedom in Digital Libraries. 2000. Authors Press. New Delhi .
- Han (Jaiwei) and Kanber (Michelive).Data mining: concept and technology. 2003. Morgan. San Francisco .
- Melling(Maxine).Supporting e-learning: a guide for library and information mnagers.2005.facet publishing .London
- Muller (Jeanne Froidevaux). A librarian's Guide to the internet: searching and evaluating information. 2003. Chandos publishing. Oxford
- Tiwari (Aravind). Evaluation of Electronic Libraries. 2002. APH Publishing Corporation. New Delhi.

S. S. 12/7/19

Shilpi 12/7/19 6/2 12/7/2019

Course Code	MPH-104
Course Title	Library & User Studies
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To develop the knowledge and skills necessary to access library resources;
- To explain the functions and services of the various libraries;
- To information about all formats in order to support the research;
- To identify the user of a library or of any information system or service;
- To explain the need of study and contact with the users;
- To identify suitable methodologies for user studies; and
- To enumerate general variables of users.

Course Content

Unit-1

- Origin and growth of Library
- Origin and Growth of Libraries in India
- Collection Development
- Collection development policy
- Trends in Library Services

Unit-2

- User: concepts, definition, characteristics and Scope
- Need for User Studies
- Planning of a User Study
- Methodologies/Techniques for User Studies
- User Studies: Limitations and Criticisms

Unit-3

- Information Use Study: Meaning, scope and need
- Types of Information Use Study
- User-based Information Use Study
- Electronic Source-based Information Use Study
- Conducting Information Use Study

Unit-4

- User Education: Concepts, definition, objectives and methods
- Components of User Education
- Historical Development of User Education
- Information Technology and User Education
- Evaluation of a User Education Programme

Unit-5

- Case Studies
- Efforts Made in India towards user education
- User Studies in the Electronic Environment

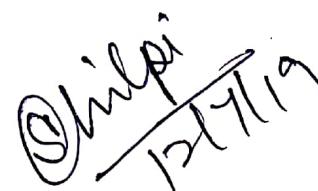
Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Devarajan, G. (1995). Library Information User and Use Studies. New Delhi: Beacon Books.
- Guha, B.(1976). Techniques of User Studies. Paper 11.3 in DST Course Material. New Delhi :INSDOC.

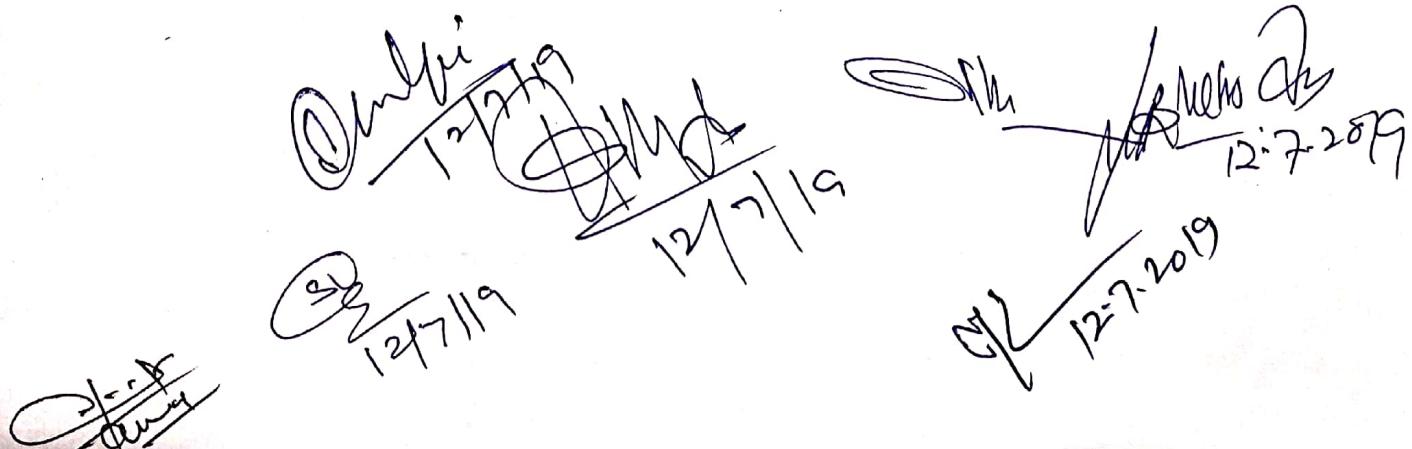
- Kawatra, P.S. (1992). Library User Studies: A Manual for Librarians and Information Scientists. Bombay: Jaico Publishing House.
- Krishan Kumar (1968).
- Fjallbrant, Nancy, and Ian Malley. User Education in Libraries. 2nd ed. London: Clive Bingley, 1984.
- Girja Kumar and Krishan Kumar. Philosophy of User Education. New Delhi: Vikas, 1983. Print.
- Banwell, Linda, and Graham Coulson. "Users and User Study Methodology: The Jubilee Project". Information Research 9.2 (2004).
- Bernal, J.D. Report on Royal Society's Scientific Conference. London: Royal Society, 1948.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Ph.D. (Library and Information Science)
(w.e.f. 2019-20)

Course work

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
DPH-101	Research Methodology	Core	70	30	04
DPH-102	Discipline Specific: Optional Paper DPH 102.A Foundations of Library and Information Science DPH 102.B Knowledge Management DPH 102.C Application of Tools and Technologies in Library and Information Science	Discipline Centric Elective	70	30	04
DPH-103	Emerging Trends & Technologies in LIS	Core	70	30	04
DPH-104	Library & User studies	Core	70	30	04
Total Credits					16


A cluster of handwritten signatures and dates, likely approvals or dates of submission, including "Omkar 12-7-19", "Om 12-7-19", "Neha 12-7-2019", and "GK 12-7-2019".

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
Doctor of Philosophy (Library & Information Science)
(w.e.f. 2019-20)
Ist Semester

Course Code	DPH-101
Course Title	Research Methodology
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To know the main streams of research and their applications in LIS.
- To make pursuance research scholars in frontiers of knowledge in library and information science.
- To explain various kinds of research and their application in library and information science.
- To know the basic statistical techniques and their applications in LIS research.

Course Content

Unit-1

- Research: Meaning, Definition, Scope, Concept, Need and Types
- Research Design and Designing Research Proposal
- Review of Literature
- Research Ethics
- Functions of Hypothesis

Unit-2

- Research Methods
- Historical Method, Scientific Method
- Survey Method, Experimental Method
- Case Study Method

Unit-3

- Questionnaire; Schedule
- Interview; Observation
- Sampling Theory: Types of Sampling
- Steps in Sampling
- Sample Size

Unit-4

- Measures of Central Tendency; Mean, Median, Mode
- Presentation of Data: Tabular, Graphic, Bar Diagram and Pie-Charts
- Statistical Data Analysis: Use of Statistical Packages (SPSS)

Unit-5

- Research Report Writing: Structure, Style and Course Content
- Style guides with examples (Chicago, APA, MLA)
- Presentation of Bibliography and References Course Content, Footnotes, citation, Quotations
- Bibliometric Studies: Concept and Definition, Bibliometric Laws and their Applications
- Webometrics, Scientometrics.

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

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GJ
12/7/19

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Goode, William J. and Hatt, Paul K. (1981). Methods in Social Research. Auckland: McGraw Hill.
- Kothari, C.R. (2004). Research Methodology: Methods and Techniques. 2nd ed. Delhi: New Age.
- Krishan Kumar (1998). Research Methods in Library Science. 2nd ed. Delhi: HarAnand.
- Powell, Ronald, R. (1997). Basic research Method for Librarians. 3rd ed. Greenwich: Ablex
- Slater, Margaret (ed). (1990). Research Methods in Library and Information Studies. London: The Library Association.

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Course Code	DPH-102 (A)
Course Title	Foundation of Library and Information Science
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To understand about the origin and development of libraries.
- To understand about the five laws and their implications in ICT era with research orientation.
- To understand details about library legislation and IPR acts with respect to research.
- To find out the different types of national /international library organization.
- To get knowledge about professionalism and professional ethics.

Course Content:

Unit-1

- Development of Libraries with special reference to India
- Library and Society
- Different types of Libraries - their distinguishing features, functions, services
- Role of Library in formal and informal education

Unit-2

- Five Laws of Library Science and their implications
- Laws of Library Science in ICT environment
- Professional ethics
- Professional Education and Research

Unit-3

- Information Literacy: Concept, meaning, need; Information Literacy Models; ACR Standards;
- Public Relations and Extension Activities

Unit-4

- National Library Associations - ILA, IASLIC
- International Library Association – IFLA, ALA
- International Library and Information Services Promoters: UNESCO

Unit-5

- Conservation and Preservation: Concept, need; Different types of information materials - their nature and Preservation; Archives -micrographics relation to preservation
- Cultural properties in museums: concepts, definitions, characteristics, importance

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Kumar, S. (s.n). Public Libraries Act in India. New Delhi: Ess Ess.
- Iyer, V.K. 1999. Public Library System in India. Delhi: Rajat.
- Kumar, P.S.G. 2014. Changing Dimensions of Library and Information Science. New Delhi: Ess Ess.
- Sinha, S. C. 2004. Library Buildings and Furniture: Design and Planning. New Delhi: Ess Ess.

- Ranganathan, S. R. 2008. Library Mannual. New Delhi: Ess Ess.
- Ramaiah, L.S. 1999. Information and Society. New Delhi: Ess Ess.
- Khanna, J. K. 1994. Library and society. New Delhi. Ess Ess.
- Kumar. Krishna.2013. Library Organisation. Krishna Kumar. Noida:Vikas Publishing house Pvt. Ltd.

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Course Code	DPH-102 (B)
Course Title	Knowledge Management
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To acquaint the students with the Library services and products i.e. SWOT Analysis; PERT/CPM etc.
- To understand management aspects in various context.
- To know recent management techniques in the context of management.
- To familiarise students about the review of research oriented databases and various applications.

Course Content:

Unit-1

Evaluations of Library Services and Products: SWOT Analysis; PERT/CPM; Marketing Skill and Techniques; Consultancy; Content Management.

Unit-2

Management Aspects: Total Quality Management (TQM); Institutional Repository; Data mining; text mining; knowledge discovery in databases; Cloud Computing.

Unit-3

Recent Management Techniques: Six Sigma; Benchmarking; Information / knowledge audit; Change management; Content Management.

Unit-4

Review of Research Oriented Databases: Vidyanidhi, INFLIBNET, Thesis and dissertation.com, LISA, LISTA

Unit-5

Application of current trends of Information Technology like Digital Divide, Metadata, Dublin Core, etc. in KM; Information Retrieval System and KM

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- BALAKRISHNAN (S.). Management of Library Information Services. 2001. 1st ed. Anmol Publications Pvt. Ltd. New Delhi.
- KRISHNAMURTHY (R.). Library Management. 1997. Commonwealth Publication. New Delhi.
- KRISHNAMURTHY (R.) Library Administration and Resources. 1997. Ajay Verma for Commonwealth Publishers. Delhi.
- PANWAR (B.S.). Library Management. 1986. B.R. Pub.Co. Delhi.
- PRYTHERCH (Ray). Information Management and Library Science. 1997. Jaico Publishing House. Mumbai.
- SINGH (S. K.). Essentials of Integrated Library Management. 2002. Authors Press. New Delhi.
- MONAPPA (Arun). Personal Management Mirza S. Saiyadain. 1996. 2nd ed. Tata Mc Graw-Hill. New Delhi.



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Course Code	DPH-102 (C)
Course Title	Application of Tools and Technologies in Library and Information Science
Type of Paper	Discipline Specific: Optional Paper
Credits	04
Teaching Hours	48 Hours

Objectives of the Course:

- To acquaint the students with the applications of ICT tools and technologies in LIS.
- To make students understand about library consortium.
- To enable the students to differentiate between open access educational and electronic resources.
- To familiarise students about the IPR issues and plagiarism.

Course Content:

Unit-1

- Concept of ICT and its role in the development of LICs
- Cloud computing applications in LICs
- Role of social media in libraries
- RFID technology and its application in libraries
- Internet Security

Unit-2

- Basics of library consortium, need, features and functions.
- Evolution of library consortia.
- Types of consortium- impact and importance in education and research
- Consortium Initiatives in India.

Unit-3

- Introduction to the concept of Digital and Virtual Library
- Hardware and software for digital library
- Collection development of digital library
- Digitization, Archiving, Preservation and Access
- Metadata

Unit-4

- Basics of E-resources, types, features, advantages and limitations
- Open Access Initiatives and Institutional Repository
- Open access electronic resources
- Open access educational resources
- E-Resource Management

Unit-5

- Electronic Publishing, E-Learning
- Concept, development and trends in Intellectual Property
- Indian Copy Right in Digital Environment: Issues and challenges
- Plagiarism and Fair Use
- Digital Object Identifier

Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Andrews, J. (2010). Digital Libraries. London: Ashgate.

Handwritten signatures and initials of course faculty members, including initials C.R., Q.P., and handwritten dates 12-7-19 and 12-7-19.

- Cornish, G. P. (1990). Copyright interpreting the law for libraries and archives. London: Library Association.
- Dorothy Warner. (2002). Why Do We need to keep this in print? It's on the Web: a Review of Electronic Archiving Issues and Problems. Progressive Librarian, number 19-20.
- Fenner, Audrey (ed.). (2005). Managing Digital Resources in Libraries. New York: Haworth.
- Gopal, K. (2000). Digital Libraries in Electronic Information Era. New Delhi: Authors Press.
- Kent, Allen. (1994). Encyclopedia of Library and Information Science. NY: Marcel Dekker.
- Lesk, Michael. (1996). Understanding Digital Libraries. 2nd ed. San Francisco: Morgan Kaufman.
- Raitt, David. (2000) Digital Library Initiatives Across Europe. Computers in Libraries, 20(10). p. 26.
- Saffady, W. (1995). Digital library concepts and technologies for the management of library collections: an analysis of methods and costs. Library technology reports.31(3). pp. 221-380.
- Srivastava, M. D. (2011). Metadata Creation in Digital Libraries. New Delhi: Pacific.
- Sul H. Lee. (1999). Collection Development in the Electronic Environment: Shifting Priorities. Haworth Press.
- Svenonius, Elaine. (2000). The Intellectual Foundation of Information Organization. USA: MIT Press.
- Willinsky, John. (2005). The Access Principle: The Case for Open Access to Research and Scholarship. (Digital Libraries and Electronic Publishing). Cambridge: MIT Press.

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Course Code	DPH-103
Course Title	Emerging Trends & Technologies in LIS
Type of Paper	Core
Credits	04
Teaching Hours:	48 Hours

Objectives of the Course:

- To comprehend how common tools can be applied to provide new innovative LIS services.
- To disseminate with the new tools and technologies enabled LIS, particularly in a web based environment.
- To provide better service to our researchers, we need to implement various new tools and technologies in libraries which is penetrating in every day of life though the ICT Application.
- To explore the extent of applications of Web 2.0 tools in libraries.
- To explores the feasibility of inclusion of technology use

Course Content:

Unit-1

- Electronic Information Resources – Subject Gateways,
 - Web Portals,
 - Directories,
 - Discussion Forums /Groups.
- Databases: Bibliographic, Numeric, Full text, Multimedia; Open Access Databases

Unit-2

- Library Consortia-National and International
- Web 2.0 and 3.0 – Library 2.0- Concept, Characteristics, Components
- Instant Messaging, RSS Feeds, Podcasts, Vodcasts, Ask a Librarian
- Collaborative Services- Social Networks, Academics Social Networks,
- Social Tagging, Social Bookmarking.
- Web – Scale Discovery Services

Unit-3

- Mobile based Library Services and Tools – Mobile OPAC,
- Mobile Databases,
- Mobile Library Website,
- Library Apps, Mobile Library Instructions,
- Augmented Reality, SMS Alerts,
- Institutional Repository-Need, Purpose, Types and Tools

Unit-4

- RFID,
- QR Code,
- Biometric,
- Smartcard: Features and Applications
- Disaster management in Digital Environment

Unit-5

- Library Consortia – National and International.
- Digital Library Initiatives – National and International
- CMS Software –Selection, Implementation and Evaluation
- Digitization – Planning, Selection of Materials, Hardware, Software, Process, Issues.

Dr. S. S. Patil
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- Cornish, G. P. (1990). Copyright interpreting the law for libraries and archives. London: Library Association.
- Dorothy Warner. (2002). Why Do We need to keep this in print? It's on the Web: a Review of Electronic Archiving Issues and Problems. Progressive Librarian, number 19-20.
- Fenner, Audrey (ed.). (2005). Managing Digital Resources in Libraries. New York: Haworth.
- Gopal, K. (2000). Digital Libraries in Electronic Information Era. New Delhi: Authors Press.
- Kent, Allen. (1994). Encyclopedia of Library and Information Science. NY: Marcel Dekker.
- Lesk, Michael. (1996). Understanding Digital Libraries. 2nd ed. San Francisco: Morgan Kaufman.
- Raitt, David. (2000) Digital Library Initiatives Across Europe. Computers in Libraries, 20(10). p. 26.
- Saffady, W. (1995). Digital library concepts and technologies for the management of library collections: an analysis of methods and costs. Library technology reports.31(3). pp. 221-380.
- Srivastava, M. D. (2011). Metadata Creation in Digital Libraries. New Delhi: Pacific.
- Sul H. Lee. (1999). Collection Development in the Electronic Environment: Shifting Priorities. Haworth Press.
- Svenonius, Elaine. (2000). The Intellectual Foundation of Information Organization. USA: MIT Press.
- Willinsky, John. (2005). The Access Principle: The Case for Open Access to Research and Scholarship. (Digital Libraries and Electronic Publishing). Cambridge: MIT Press.

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Course Code	DPH-104
Course Title	Library & User Studies
Type of Paper	Core
Credits	04
Teaching Hours	72 Hours

Objectives of the Course:

- To develop the knowledge and skills necessary to access library resources;
- To explain the functions and services of the various libraries;
- To information about all formats in order to support the research;
- To identify the user of a library or of any information system or service;
- To explain the need of study and contact with the users;
- To identify suitable methodologies for user studies; and
- To enumerate general variables of users.

Course Content

Unit-1

- Origin and growth of Library
- Origin and Growth of Libraries in India
- Collection Development
- Collection development policy
- Trends in Library Services

Unit-2

- User: concepts, definition, characteristics and Scope
- Need for User Studies
- Planning of a User Study
- Methodologies/Techniques for User Studies
- User Studies: Limitations and Criticisms

Unit-3

- Information Use Study: Meaning, scope and need
- Types of Information Use Study
- User-based Information Use Study
- Electronic Source-based Information Use Study
- Conducting Information Use Study

Unit-4

- User Education: Concepts, definition, objectives and methods
- Components of User Education
- Historical Development of User Education
- Information Technology and User Education
- Evaluation of a User Education Programme

Unit-5

- Case Studies
- Efforts Made in India towards user education
- User Studies in the Electronic Environment

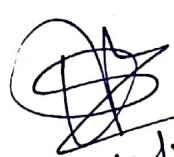
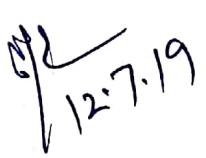
Method of Teaching: Lectures, Demonstrations, Brainstorming sessions, and Case studies.

Method of Assessments and weightage: Assignments, seminar presentations, quizzes and written tests.

Recommended Books:

- Devarajan, G. (1995). Library Information User and Use Studies. New Delhi: Beacon Books.

- Guha, B.(1976). Techniques of User Studies. Paper 11.3 in DST Course Material. New Delhi :INSDOC.
- Kawatra, P.S. (1992). Library User Studies: A Manual for Librarians and Information Scientists. Bombay: Jaico Publishing House. Krishan Kumar (1968).
- Fjallbrant, Nancy, and Ian Malley. User Education in Libraries. 2nd ed. London: Clive Bingley, 1984.
- Girja Kumar and Krishan Kumar. Philosophy of User Education. New Delhi: Vikas, 1983. Print.
- Banwell, Linda, and Graham Coulson. "Users and User Study Methodology: The Jubilee Project". Information Research 9.2 (2004).
- Bernal, J.D. Report on Royal Society's Scientific Conference. London: Royal Society, 1948.

    
Chilpi
12/7/19

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Master of Philosophy (M. Phil) in Library and Information Sciences

(w.e.f. 2019-20)
 One Year Programme (Two Semesters)

Ist Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester (in %)	Sessional (in %)	
MPH- 101	Research Methodology	Core	70	30	04
MPH- 102	Discipline Specific: Optional Paper MPH 102.A Foundations of Library and Information Science MPH 102.B Knowledge Management MPH 102.C Application of Tools and Technologies in Library and Information Science	Discipline Centric Elective	70	30	04
MPH- 103	Emerging Trends & Technologies in LIS	Core	70	30	04
MPH- 104	Library and User Studies	Core	70	30	04
Total Credits					16

IInd Semester

Course Code	Course Title		Maximum Weightage: 100%		Credit
			End Semester/Year (in %)		
MPH-201	Dissertation	Core	100%		08
MPH-202	Pre-Presentation Seminar	Core	100%		04
MPH-203	Viva-voce	Core	100%		04
Total Credits					16

Note: Other criteria as per the M. Phil Regulation, 2019 of BBAU, Lucknow

Om Prakash
12-7-2019



बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय

केन्द्रीय विश्वविद्यालय

विद्या विहार, रायबरेली रोड, लखनऊ 226025

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Rae Bareli Road, Lucknow 226025

Letter No. 847/BBAU/20

Date: 19 / 06 / 2020

NOTIFICATION

All the Heads of the Departments of the University are hereby requested that the Minutes of the Departmental Research Committee (D.R.C.) may be placed before the meeting of Board of Post Graduate Studies (B.P.G.S.) of respective Department and the Minutes of the Board of Post Graduate Studies (B.P.G.S.) may also be placed in the School Board of respective School of the University.

However, all the Deans of the Schools may also be requested that the Minutes of School Board meeting of the respective School of the University may be placed before the meeting of Academic Council of the University for its Approval.

DRSby
Registrar

Copy to:

1. All Deans/ Heads/ Coordinators of the Schools/ Departments/ Centres, BBAU, Lucknow.
2. OSD, Satellite Centre, Amethi.
3. Controller of Examination, BBAU, Lucknow.
4. Finance Officer, BBAU, Lucknow.
5. I/c Web-site, BBAU, Lucknow for its uploading please.

Gmail - Regarding emergent BPGS meeting for revision of course structure

Gmail

DCS BBAU <dcsbbau2016@gmail.com>

Regarding emergent BPGS meeting for revision of course structure

message

CS BBAU <dcsbbau2016@gmail.com>

Wed, Jul 22, 2020 at 12:45 P

To: vsax1@rediffmail.com, deepa raj <deepa_raj200@yahoo.co.in>, mkjnuiitr@gmail.com, nk_iet <nk_iet@yahoo.co.in>, "Dr. Shalini Chandra" <nupur_madhur@yahoo.com>

Cc: "Dr. Raees Khan" <khanraees@yahoo.com>, sanjay dwivedi <skd200@yahoo.com>

Respected Sir/ Maam,

This is to inform that an emergent meeting has been scheduled at 04:00 PM today in the smart classroom of the department for revision of course structure for the courses offered by the department to incorporate MOOC courses.

You are requested to kindly make it convenient to attend the same.

--
Office of Head
Department of Computer Science
BBAU, Lucknow-25

Department of Computer ScienceMinutes of 29th Emergent Meeting of BPGS

A meeting of internal members of BPGS was held on 22/07/2020 at 04:00 pm in the smart classroom of the department. Following members were present:

Prof. S.K. Dwivedi	Chairman
Dr. Manoj Kumar	Member
Dr. Narander Kumar	Member
Dr. Deepa Raj	Special Invitee
Dr. Shalini Chandra	Special Invitee

Agenda 1: Revision of course structure of PG courses of Department to incorporate the MOOC courses available on the SWAYAM portal

Resolution: In accordance with email from Dean, Academic dated 28/05/2020 and notification by the University vide letter no: 817/BBAU/2020 dated 16/06/2020 to incorporate 20% topics in the syllabus of programme offered by the department namely MCA and M. Tech. (Computer Science) have been thoroughly discussed and revised in the meeting of committee constituted for the purpose.

The BPGS has gone through the revised course structure as prepared by the committee of the department and approved the same to be effective from 2020-2021.

Minutes of meeting of committee(constituted to incorporate MOOC courses) is placed at ANNEXURE-A.

The revised course structure of MCA is placed at ANNEXURE-B.

The revised course structure of M. Tech. (Computer Science) is placed at ANNEXURE-C.

Handwritten signatures of the committee members:

- Prof. S.K. Dwivedi
- Dr. Manoj Kumar
- Dr. Narander Kumar
- Dr. Deepa Raj
- Dr. Shalini Chandra

Minutes of Meeting

A meeting of the following faculty members held on 17/07/2020 at 12 Noon in the smart classroom of the department

Dr. Deepa Raj	Chairman
Dr. Manoj Kumar	Member
Dr. Narander Kumar	Member
Dr. Shalini Chandra	Convenor, MOOC department coordinator

Agenda: To discuss and incorporate MOOC courses offered on the SWAYAM portal in the syllabus of the programmes offered by the department

Resolution: In pursuance to email from Dean, Academic dated 28/05/2020 and notification by the University vide letter no: 817/BBAU/2020 dated 16/06/2020 to incorporate 20% topics in the syllabus of each programme offered by the department, the members discussed and recommended following:

1. The department committee constituted for the purpose will identify MOOC courses to be offered to students in each semester. Committee will finalize list of papers well before the start of each(odd/even) semester by selecting the courses from the SWAYAM platform which are found relevant and satisfy our guidelines/structure for all the programmes offered by the department.
2. Each student would have to register for one subject (4 credit/6 credit equivalent to 12 Weeks) from the course(s) offered by the department
3. For registration to MOOCs Courses, the students shall follow SWAYAM Site <https://swayam.gov.in/> as per the SWAYAM policy and norms.
4. The students can register for these courses through SWAYAM directly as per the course recommended in each semester.
5. These SWAYAM courses (offered by department) may be cleared during the duration of the program.
6. After successful completion of these MOOC courses the students, shall, provide their successful completion status/certificates to the department through MOOC, coordinator.
7. The MOOC coordinator shall guide and assist all students of department in timely registration to courses, and will ensure the smooth running of these courses as per schedule of each course. Also he/she will coordinate with concerned sections of the University in order to ensure successful completion of these courses.

**REVISED COURSE STRUCTURE & SYLLABUS FOR THREE YEARS
MASTER OF COMPUTER APPLICATIONS (MCA)**

W.E.F. 2020-21

FIRST YEAR

1st Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MCA-101	Computer Architecture [#]	Core	04
MCA-102	Discrete Structures [#]	Foundation- Compulsory	04
MCA-103	Object Oriented Programming & C++ [#]	Core	04
MCA-104	Computer Based Numerical & Statistical Techniques [#]	Core	04
MCA-105	Programming Lab-I (Based on MCA-103)	Core	04
	Open Elective Paper- I [*]	Open Elective	04

* Students may opt this course from SWAYAM portal also. However same may be decided by the departmental committee constituted for the purpose at the beginning of each semester, keeping in view of the availability of faculty, course content, credits, etc, as per our course structure and requirement. Committee may also recommend a course available on SWAYAM portal with similar name and content running in the semester upto a maximum of 20% of semester credits.

* Student shall register for this course from other department of the University

Note: Department offers course "MCAOE-101 Computer Fundamental and Organization" of 04 credit under CBCS for the students of other departments in the University

2nd Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MCA-201	Graph Theory and Combinatorics [#]	Core	04
MCA-202	System Programming [#]	Core	04
MCA-203	Data Structure [#]	Foundation-Compulsory	04
MCA-204	Computer Based Optimization Techniques [#]	Core	04
MCA-205	Programming Lab-II (Based on MCA-203)	Core	04
	Open Elective Paper- II [*]	Open Elective	04

* Students may opt this course from SWAYAM portal also. However same may be decided by the departmental committee constituted for the purpose at the beginning of each semester, keeping in view of the availability of faculty, course content, credits, etc, as per our course structure and requirement. Committee may also recommend a course available on SWAYAM portal with similar name and content running in the semester upto a maximum of 20% of semester credits.

* Student shall register for this course from other department of the University

Note: Department offers course "MCAOE-201 Programming in C" of 4 credit under CBCS for the students of other departments in the University

SECOND YEAR
3rd Semester
Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MCA-301	Operating System [#]	Core	04
MCA-302	Analysis and Design of Algorithm [#]	Core	04
MCA-303	Software Engineering [#]	Core	04
MCA-304	Internet and Java Programming [#]	Core	04
MCA-305	Programming Lab III (based on MCA-302/ MCA-304)	Core	04
MCA-306	Seminar*	Foundation-Compulsory	04

* Students may opt this course from SWAYAM portal also. However same may be decided by the departmental committee constituted for the purpose at the beginning of each semester, keeping in view of the availability of faculty, course content, credits, etc, as per our course structure and requirement. Committee may also recommend a course available on SWAYAM portal with similar name and content running in the semester upto a maximum of 20% of semester credits.

* Evaluation may be done based on the topic selection for the seminar, collection of relevant material from variety of sources and communication and presentation skills along with overall class performance of each individual. Final evaluation may be done based on seminar report submitted by each student and viva-voce.

4th Semester
Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MCA-401	Database Management System	Core	04
MCA-402	Compiler Design	Core	04
MCA-403	Data Communication & Computer Network	Core	04
MCA-404(A)	Elective Paper- I Modeling and Simulation		
MCA-404(B)	Data Mining		
MCA-404(C)	Python Programming	Elective	04
MCA-404(D)	ERP		
MCA-404(E)	Parallel Computing		
MCA-405	Programming Lab IV (Based on MCA-401)	Core	04
MCA-406	Design & Development of Mini Project*	Foundation-Compulsory	04

* Student may opt any one of the electives from the given list of papers (or a paper with a similar name) through SWAYAM platform as per the recommendations of the committee constituted for the purpose.

In addition to the list of electives, students may also opt any one of the paper recommended by the committee through SWAYAM platform, keeping in view the relevance of the paper and University guidelines.

* It may include system analysis. Each student will undergo in house design and development of mini project by choosing areas which help in automation of an existing system. There may be intermediate presentations on SRS & Design of the mini project before the final demonstration as will be decided by the concerned teacher. Project may be executed either individually or in group.

THIRD YEAR

5th Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Total Credit
MCA-501	Artificial Intelligence	Core	6
MCA-502	Computer Graphics	Core	6
MCA-503	Distributed Computing	Core	6
MCA-504(A) MCA-504(B) MCA-504(C) MCA-504(D)	Elective Paper II Embedded System Soft Computing Digital Image Processing Machine Learning	Elective	6
MCA-505(A) MCA-505(B) MCA-505(C) MCA-505(D)	Elective Paper III Advance Database Management System Neural Network Natural Language Processing Mobile Computing	Elective	6
MCA-506	Programming Lab V (Based on MCA-502)	Core	6

* Student may opt any one of the electives from the given list of papers (or a paper with a similar name) through SWAYAM platform as per the recommendations of the committee constituted for the purpose.

In addition to the list of electives, students may also opt any one of the paper recommended by the committee through SWAYAM platform, keeping in view the relevance of the paper and University guidelines.

6th Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Total Credit
MCA-601	Industrial Training and Project	Core	24

The weightage of internal and external assessment will be in the ratio of 30% and 70%

Internal assessment will be based on

- i) SRS / Synopsis
- ii) Design of Project
- iii) Project report

Each student will have to submit relevant documents for each of the above components to his/her supervisor/guide through email/ physical presence and evaluation of the same will be done by the concerned supervisor/guide. External evaluation will be based on dissertation report and viva voce.

Total Credit of all Semesters- 144

Dr. S. S. Dutt

Chairman

Prof. P. K. Bhattacharya

1st Semester
Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MTCS-101	Advanced Computer Architecture	Core	14
MTCS-102	Mathematical Foundation of Computer Science	Foundation- Compulsory	14
MTCS-103	Analysis and Design of Algorithm	Core	14
MTCS-104(A)	Elective-I#		
MTCS-104(B)	1. Advanced Software Engineering 2. Advanced Database Management System	Elective	14
MTCS-104(C)	3. Artificial Intelligence		
MTCS-105	Programming Lab-I (Based on Analysis and Design of Algorithm)	Core	14
	Open Elective Paper- I*	Open Elective	14

* Student may opt any one of the electives from the given list of papers (or a paper with a similar name) through SWAYAM platform as per the recommendations of the committee constituted for the purpose.

In addition to the list of electives, students may also opt any one of the paper recommended by the committee through SWAYAM platform, keeping in view the relevance of the paper and University guidelines.

* Student shall register for this course from other department of the University

Note: Department offers course "MTCSOE-101 Introduction to Computer Networks" of 04 credit under CBCS for the students of other departments in the University

2nd Semester
Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MTCS-201	Advanced Computer Networks	Core	14
MTCS-202(A) MTCS-202(B) MTCS-202(C)	Elective-II# Advanced Computer Graphics Cloud Computing Digital Image Processing	Elective	14
MTCS-203(A) MTCS-203(B) MTCS-203(C)	Elective-III# Mobile Computing Object Oriented Software Engineering Neural Networks	Elective	14
MTCS-204	Seminar*	Foundation-Compulsory	14
MTCS-205	Programming Lab-II (Based on Advanced Computer Graphics)	Core	14
	Open Elective Paper- II*	Open Elective	14

[Handwritten signatures and initials]

* Student may opt any one of the electives from the given list of papers (or a paper with a similar name) through SWAYAM platform as per the recommendations of the committee constituted for the purpose.

In addition to the list of electives, students may also opt any one of the paper recommended by the committee through SWAYAM platform, keeping in view the relevance of the paper and University guidelines.

* Student shall register for this course from other department of the University

Note: Department offers course "MTC SOE-201 Object Oriented Concepts with C++" of 4 credit under CBCS for the students of other departments in the University

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SECOND YEAR

3rd Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
MTCS-301	Theory of Computation	Core	06
MTCS-302(A) MTCS-302(B) MTCS-302(C)	Elective-III [#] Advanced Operating System Soft Computing Cryptography and Stenography	Elective	06
MTCS-303(A) MTCS-303(B) MTCS-303(C)	Elective-IV [#] Big Data Analytics Internet of Things Machine Learning	Elective	04
MCA-304	Seminar*	Foundation- Compulsory	04
MCA-305	Project**	Core	04

* Student may opt any one of the electives from the given list of papers (or a paper with a similar name) through SWAYAM platform as per the recommendations of the committee constituted for the purpose.

In addition to the list of electives, students may also opt any one of the paper recommended by the committee through SWAYAM platform, keeping in view the relevance of the paper and University guidelines.

* Seminar topic shall be selected from the emerging technical areas only; evaluation of seminar will done by the seminar evaluation committee.

** Project shall be done in house under the supervision of project guide allotted by the department. Dissertation title and detailed plan of work/ implementation shall be submitted by the student to the guide.

Jain *W.S.*
B.T.Y. *D.P.K.*
Gholi

4th Semester

Total Semester Credit: 24

Paper Code	Paper Title	Paper Type	Credit
NETCS-401	Seminar & Progress Report	Core	04
NETCS-402	Dissertation***	Core	20

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- a) The dissertation work shall be carried out by the candidate independently under the guidance of the faculty members of the department who is designated as internal guide.
- b) At the beginning of the 4th semester dissertation work shall be reviewed and action plan for further dissertation work will be decided by the guide.
- c) At the mid of 4th semester candidates shall present a seminar where in the action plan submitted earlier and actual work shall be reviewed.
- d) At the end of the 4th semester, the candidate shall submit 3 copies of report of the dissertation work duly approved by the guide.


Dr. S. S. Shinde


Prof. P. D. Patil


Prof. D. K. Patil

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Minutes of 34th BPGS Meeting

The 34th meeting of Board of Post Graduate Studies in Library and Information Science was held on 12-07-2019 at 10:00 A.M. in the chamber of Head, Department of Library and Information Science. The following members attended the meeting:

- | | |
|------------------------|------------|
| 1. Prof. M. P. Singh | (Chairman) |
| 2. Prof. B.S. Nigam | (Member) |
| 3. Prof. J.S. Burman | (Member) |
| 4. Prof. K. L. Mahawar | (Member) |
| 5. Prof. Shilpi Verma | (Member) |
| 6. Dr. S. K. Sonkar | (Member) |
| 7. Dr. Vinit Kumar | (Member) |

(Prof. Jaideep Sharma could not attend the meeting)

First of all, the Chairman welcomed all the members and commenced the proceeding of the meeting. In the meeting, following agenda items were discussed and resolved.

Agenda item No. 1: Confirmation of minutes of 33rd meeting of BPGS held on 31.03.2017.

Resolution: The committee confirms the minutes of 33rd meeting of BPGS which was held on 31.03.2017. 1.11.2018.

Agenda item No. 2: To consider and recommend the minutes of DRC meetings.

Resolution: The Minutes of 50th, 51st, 52nd, and 53rd, meetings of DRC which were held on dated 20/12/2018, 17/01/19, 18/03/2019, and 13/05/2019, were considered and approved.

Agenda item No. 3: To consider and recommend the panel of various exams offered in the department.

Resolution: The BPGS ratifies all the panels already sent to the concerns by the Head, DLIS.

Agenda item No. 4: To consider and recommend revised syllabus of B. Lib. I. Sc., M. Lib. I. Sc., M.Phil. (LIS) and Ph. D. (LIS).

Resolution: the committee considered and recommended the amendments in syllabus of various running courses in the Department to incorporate the latest trends in Library and Information Science including Choice Based Credit system. The detailed syllabuses of courses are as under:

- | | |
|-------------------|------------|
| 1. B. Lib. I. Sc. | Annexure A |
| 2. M. Lib. I. Sc. | Annexure B |
| 3. M. Phil. | Annexure C |
| 4. Ph. D. | Annexure D |

12-7-2019

*Shilpi 12-7-19
SP 12-7-19
MP 12-7-19*

Agenda Item No. 5: Any other item with the permission of the chair.

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Resolution: No any other agenda item was discussed in the meeting.

The meeting ended with vote of thanks to the chair.

(Dr. Vinod Kumar)

(Prof. Shilpi Verma)

(Dr. S. K. Sonkar)

(Prof. K. L. Mahajan) / 19

(Prof. J. S. Burman)

(Prof. B. S. Nigam)

(Prof. M. P. Singh)



ज्ञान-विद्यालय विमुक्तये

प्रो. रजनीश जैन
सचिव

Prof. Rajnish Jain
Secretary



सत्यमेव जयते

(C)08

ANNEXURE - 19

विश्वविद्यालय अनुदान आयोग
University Grants Commission

(मानव समाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of India)

बहादुरशाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
Ph.: 011-23236288/23239337
Fax: 011-2323 8858
E-mail: secy.ugc@nic.in

D.O.No.F.1-1/2018(Journal/CARE)

December, 2019

Respected Sir/Madam,

University Grants Commission in its 543rd meeting held on 9th August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled "**Research and Publication Ethics (RPE)**" to be made compulsory for all Ph.D. students for pre-registration course work (**attached as Annexure**).

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

(Rajnish Jain)

TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES

5.	Mujeeba Rehman	Dr. Vikas Mishra	Open/ GEN	A Study on the Role of Brain Derived Neurotrophic Factor and its Modulation in Chronic Stress Induced Atherosclerosis and Endothelial Dysfunctions
6.	Priyanka Prajapati	Dr. Sapana Kushwaha	Open/GEN	Investigation of Pharmacological Agent(s) and Molecular Mechanism thereof for the Treatment of Sarcopenia Associated Muscle Atrophy

Agenda Item No.04 Regarding Implementation of course work entitled "**Research and Publication Ethics (RPE)**" to be made compulsory for all Ph.D. students as a two credit course from the forthcoming academic session. 2020-21

Resolution: The committee recommended the Implementation of course entitled "**Research and Publication Ethics (RPE)**" to be made compulsory for all Ph.D. students for pre- registration course work (two credit Course) from the forthcoming academic session as per guidelines of University Grants Commission New Delhi (**vide letter No. D.O. No.F.1-1/2018 (Journal/CARE) dated December, 2019**)

(Annexure - IV)

Agenda Item No. 05 Consideration of six monthly progress reports of following research scholar in the Department of Pharmaceutical Sciences, BBAU Lko.

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor / Guide	Date of Registration / Admission	Academic Session	No. of Six Monthly Report
1.	Nidhi Mishra	Prof. Shubhini A. Saraf	03-08-2018	2018-19	3 rd
2.	Priya Singh	Prof. Shubhini A. Saraf	03-08-2018	2018-19	3 rd
3	Neelu Singh	Prof. Shubhini A. Saraf	10-10-2018	2018-19	3 rd
4	Shubham Rastogi	Dr. Gaurav Kaithwas	01-08-2018	2018-19	3 rd
5	Soniya Rani	Dr. Gaurav Kaithwas	06-08-2018	2018-19	3 rd
6.	Shweta Jaiswal	Dr. P.S. Rajinikanth	03-08-2018	2018-19	3 rd
7.	Sunita Thakur	Dr. P.S. Rajinikanth	02-08-2018	2018-19	3 rd
8.	Sneha Anand	Dr. P.S. Rajinikanth	01-08-2018	2018-19	3 rd
9.	Payal Deepak	Dr. P.S. Rajinikanth	15-10-2018	2018-19	3 rd
10	Vipul Agarwal	Dr. Vikas Mishra	06-08-2018	2018-19	3 rd
11.	Anand Kumar	Dr. Sapana Kushwaha	10-10-2018	2018-19	3 rd

Resolution: The six monthly progress reports of following Ph.D. research Scholars was found to be satisfactory. (Annexure -V)

Sl. No.	Name of Ph.D. Scholars	Name of Supervisor / Guide	Date of Registration / Admission	Academic Session	No. of Six Monthly Report
1.	Nidhi Mishra	Prof. Shubhini A. Saraf	03-08-2018	2018-19	3 rd
2.	Priya Singh	Prof. Shubhini A. Saraf	03-08-2018	2018-19	3 rd



Semester- I

Semester-I

LB-101

Subject: Legal Method

Credits: 4

Minimum Lectures 40

Course Objective

This paper focuses on orientation of students to legal studies from the point of view of basic concepts of law and legal system. To understand and have basic knowledge of fundamental concepts of law to examine, interpret and evaluate basic legal texts.

Course Outcome

The course will help the students:

1. To gain elementary understanding of the scope and purpose of law.
2. To know the various sources of law and to develop an understanding of basic concepts of law
3. To garner skills and acquire knowledge required in legal writing and research.

Module - I: Meaning and Classification of Laws

(Lectures-08)

- i. Meaning and definition
- ii. Functions of law
- iii. Classification of laws: i. Public and Private Law ii. Substantive and Procedural Law
- iv. Municipal and International Law

Module - II: Sources of Law

(Lectures- 11)

- i. Custom
- ii. Precedent
- iii. Legislation

Module - III: Basic Concepts of Indian Legal System

(Lectures-12)

- i. Common Law
- ii. Constitution as the Basic Law
- iii. Rule of Law
- iv. Separation of Powers
- v. Judicial system in India

Module - IV: Legal Writing and Research

(Lectures - 09)

- i. Legal materials -Case law
- ii. Statutes, Reports, Journals, Manuals, Digests etc.
- iii. Importance of legal project/ research
- iv. Techniques of Legal project/ research
- v. Legal writings and citations

Suggesting Readings

1. Glanville Williams - Learning the law
2. Nomita Aggarwal - Jurisprudence (Legal Theory)
3. B.N.M. Tripathi - An Introduction to Jurisprudence and Legal theory
4. Benjamin N. Cardozo-The Nature of Judicial Process
5. ILI Publication - Indian Legal System
6. ILI Publication in Legal Research and Methodology

Essential Case Laws

1. Raj Kishore Jha v. State of Bihar, AIR 2003 S.C. 4664
2. Commissioner of Income Tax, Hyderabad v. PJ. Chemicals, 1994 Suppl. (3) S.C.C. 535
3. Air India v. Nargesh Mirza, AIR 1981 SC 1829
4. Geeta Hariharan v. Reserve Bank of India, AIR 1999 S.C. 1149
5. NeeraMathur v. L.I.C. 1992 (1) S.C.C. 286 6
6. D.K. Basu v. State of W.B., 1997 (1) SCC 417
7. Dwrka Prasad Aggarwal v. B.D. Aggarwal, AIR 2003 S.C. 2686
8. Commissioner of Wealth Tax, Meerut v. Sharvan Kumar Swarup& Sons, 1994 (6) SCC 623
9. Shikhar Chand Falodiav.S.K. Sanganeria, AIR 2004 Gau. 19.
9. Grandphone Company v. B.B. Pandey, AIR 1984 S.C. 667
10. Peoples Union for Civil Liberties v. Union of India 1997 (1) S.C.C. 301
11. Lachman v. Nand Lal, AIR 1914 Oudh. 123
12. R.K.Tangkhul v. R. Simirei, AIR 1961 Manipur 1
13. Balusami v. Balkrishna, AIR 1957 Mad. 97
14. Tekaha A.O. v. Sakumeeran A.O. AIR 2004 S.C. 3674
15. Superintendent and Remembrancer of Legal Affairs West Bengal v. Corporation of Calcutta
AIR 1967 S.C. 997
16. Nath Bros. Exim. International Ltd. v. Best Roadways Ltd. 2000 (4) S.C.C. 553
17. State of Bihar v. Sonawati AIR 1961 S.C. 221, 231
18. SamtaVedike v. State of Kar2003 CR.L. J. 1003 Kar H.C.
19. Ram JawayaKapur v. State of Punjab, AIR 1955 S.C. 549, 556

Semester-I

LB-102

Subject: Law of Contract- I

Credits: 4

(Minimum Lectures- 40)

Course Objectives

This course provides the detailed knowledge of the legal principles and rules used to determine the existence of an enforceable agreement. The nature of contract law; the process of formation, interpretation, performance and termination of contracts and remedies will be examined.

The paper explores the fundamental principles of contract law. It examines the requirements for the formation of a contract and examines the agreement, forms of consideration, formalities, privity and capacity. It also considers the contents and formation of a contract, including express and implied terms, as well as excluding or limiting terms. The course provides the knowledge and skills necessary to pursue contract law further in a more specific way.

Course Outcome

On successful completion of this course students will be able to:

1. Demonstrate an advanced and integrated understanding of the legal framework for contract law, including formation, content and interpretation of contracts in Indian law.
2. Gain an understanding of fundamental principles of the law of contract and its impact.
3. Identify and apply the elements of contract law required to create an enforceable contract.
4. Identify and apply factors which invalidate a contract.
5. Apply the required legal principles necessary to discharge a contract.
6. Identify and apply the remedies available to a party in case of a breach of contract.
7. Make a comparative study between provisions of contract law in India and England.
8. Analyse and research complex problems relating to contract law.
9. Demonstrate sophisticated cognitive and creative skills in approaching legal issues relating to contract law and generate appropriate responses

Course Module

Module- I

(Lecture 10)

1. Meaning and nature of Contract
2. Offer/Proposal
 - i. Definition
 - ii. Communication
 - iii. Revocation
 - iv. Types
 - v. Invitation to offer
3. Acceptance
 - i. Definition
 - ii. Communication
 - iii. Revocation

iv. Tenders/ Auctions

Module - II

(Lecture 10)

1. Consideration
 - i. Definitions
 - ii. Essentials
 - iii. Privity of Contract
2. Capacity to enter into a Contract
 - i. Minor's Position
 - ii. Nature/ effect of minors agreements

Module - III

(Lecture 10)

1. Validity, discharge and performance of contract
 - i. Free Consent
 - ii. Coercion, undue influence, Misrepresentation, fraud Mistake
 - iii. Unlawful consideration and object
 - iv. Effect of void , voidable, valid , illegal, unlawful, uncertain agreement
 - v. Discharge of contract
 - vi. Performance of Contract
 - vii. Time and place of performance
 - viii. Impossibility of performance and Frustration
 - ix. Breach of Contract Anticipatory & Present

Module -IV

(Lecture 10)

1. Remedies
 - i. Damages
 - a) Kinds
 - b) Remoteness of Damages
 - ii. Injunction
 - iii. Specific Performance
 - iv. Quantum Merit
 - v. Quasi contract

Acts

1. Contact Act 1872
2. The Specific Relief Act 1963

Suggested Readings

1. Law of Contract & Specific Relief , EBC Publication , Dr. Avtar Singh
2. Law of Contract & Specific Relief, Allahabad Law Agency, Dr. R. K. Bangia
3. The Indian Contract act, lexis Nexis publication, Sir DinshawFardunjiMulla

4. Anson's Law of Contract, Oxford Publication, J. Beatson, A. Burrows.

Essential Case Laws

1. Smith v Hughes [1871] 1 LR 6 QB 597
2. Hartog v Colin & Shields [1939] 3 All ER 566
3. Tribune Investment Trust Inc v Soosan Trading Co Ltd [2000] 3 SLR 405
4. Chwee Kin Keong and Others v Digilandmall.com Pte Ltd [2004] 2 SLR 594
5. Scriven Bros v Hindley [1913] 3 KB 56
6. Harvey v. Facey (1893)
7. Storerv. Manchester City Council [1974] 1 WLR 1403
8. Gibson v. Manchester City Council [1978] 1 WLR] 520
9. Spencer v. Harding (1869-70) LR 5 CP 561
10. Carlill v Carbolic Smoke Ball Co. [1893] 1 QB 256
11. Norwest Holdings Pte Ltd (in liquidation) v Newport Mining Ltd [2010] SGHC 144
12. Hyde v. Wrench (1840) 3 Beau 334
13. Stevenson, Jaques&Co v. McLean [1880] 5 QBD 346
14. Brogdenv. Metropolitan Railway Co (1876-77) LR 2App Cas 666
15. Tinnv. Hoffman (1893) 29 LT 271
16. Williams v. Carwardine (1833) 5 C & P 566
17. Felthouse v. Bindley (1862) 11 CBNS 869
18. Adams v. Lindsell [1818] 1 B and Ald 681
19. Household Fire & Carriage Accident Insurance Co Ltd v. Grant [1879] 4 Ex.D 216
20. Errington v. Errington [1952] 1 KB 290
21. Gibson v. Manchester City Council (1978) at 523
22. Walfordv. Miles [1992] 1 All ER 453
23. Balfour v. Balfour [1919] 2 KB 571
24. Rose and Frank Co v. JR Crompton and Bros Ltd (1925)
25. Haigh v Brooks (1839) 10 Ad & El 309
26. Wade v Simeon (1846) 2 CB 548
27. Hughes v Metropolitan Railway Company (1877) 2 App. Cas. 439
28. Khan Gul v. Lakha Singh, AIR 1928 Lah 609
29. Mohoribibi v. DharmodasGhose (1903) 30 cal 539
30. Raj Rani V PremAdib , AIR 1949 Bom 215
31. ChikhamAmiraju v. ChikhamSEshamma (1912) 16 IC 344
32. Derry v. Peek (1889) 14 App cas 337
33. Shri Krishna v Kurukshetra university AIR 1976 SC 376
34. Victoria laundry ltd. v. Newman Industries ltd. (1949) 1 All ER 997
35. Hadley v. Baxendale (1854) 9 Ex 341
36. Abdul Jalil bin Ahmad bin Talib and others v A Formation Construction Pte Ltd [2006] 4 SLR 77

Semester-I
BLB – 104
Subject: English I (Communicative English) **Credits: 04**
(Minimum Lecture: 40)

Course Objective

Good communication skill is necessary for developing a career as a lawyer. English over time has become not only a world-wide common language of communication but also has acquired space in all the major spheres of life, and advocacy is not untouched from it. A basic understanding, speaking and writing ability of English will not only boost the morale of the student but will also propel his/her career to new summits in this globalised era. Therefore English learning will no doubt be helpful in excelling good advocacy skills and lawyer-ship of the individual.

Course Outcome

This course is designed to imbue among the students:

1. To understand, identify, develop and practice essential English speaking skills during their legal studies and in their everyday life.
2. To appreciate the constituents of good oral and written language
3. To develop techniques to communicate effectively
4. To inculcate amongst students courtroom language

Module I: Grammar and Usage **(Lectures: 10)**

1. Tense and Composition
2. Basic Transformations
3. Active/Passive
4. Direct/Indirect Questions
5. Simple, Compound and Complex Sentences
6. Articles
7. Some common errors

Module II: Comprehension and Composition **(Lectures: 10)**

1. Reading Comprehension
2. Comprehension of Legal Texts
3. Paragraph and Precis writing
4. Letter Writing- Formal and Informal

Module III: Drafting of Reports and Projects **(Lectures: 10)**

1. Abstracts
2. Legal Language

- 3. Legal Maxims
- 4. Foreign Words

Module IV**(Lectures: 10)**

- 1. Common Hindi and Urdu Words used in Courts
- 2. Translations from Hindi to English and vice-versa

Suggested Readings:

- 1. Legal Language and Legal Writing- P.K.Mishra
- 2. English Grammar ó Wren and Martin
- 3. Legal Language, Writing and General English ó J.S. Singh

Semester-I

BBM-105

Subject: Principles and Practices of Management

Credit: 04

(Minimum lectures: 40)

Course Objectives

The course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in the field of management.

Course Outcomes

On completion of this course, the students will be able to:

- (a) Understand the concepts related to businesses, principles and practices of management.
- (b) Realize and demonstrate the roles, skills and functions of management.
- (c) Understand and apply the management functions i.e. planning organizing, staffing, directing and controlling.
- (d) Understand the theories and concepts related to motivation, leadership.
- (e) Understand the complexities associated with management of human resources in the organizations and will be able to handle these complexities.

Module- I: Overview of Management

(Lectures - 10)

- i. Introduction: Concept, nature, process and significance of management.
- ii. Managerial levels, skills, functions and roles.
- iii. Management Vs. Administration.
- iv. Management Science and Art.
- v. Development of management thoughts: classical, neo-classical, behavioural, systems and contingency approaches.

Module – II: Planning & Organizing

(Lectures - 10)

- i. Planning: Nature, scope and objectives of planning.
- ii. Types of plans; Planning process; Business forecasting.
- iii. MBO; Concept, types, process and techniques of decision-making;
- iv. Bounded Rationality.
- v. Organizing: Concept, nature, process and significance.
- vi. Principles of an organization; Span of Control.
- vii. Departmentation.
- viii. Types of an organization; Authority-Responsibility.
- ix. Delegation and Decentralization.
- x. Formal and Informal Organization.

Module – III: Staffing, Motivation & Leadership

(Lectures - 10)

- i. Staffing: Concept, Nature and Importance of Staffing.
- ii. Motivating and Leading: Nature and Importance of motivation; Types of motivation.
- iii. Theories of motivation-Maslow, Herzberg, X, Y and Z;
- iv. Leadership - meaning and importance; Traits of a leader; Leadership Styles.
- v. Likert's Systems of Management and Managerial Grid.

Module – IV: Controlling**(Lectures - 10)**

- i. Controlling: Controlling the basis control process ó critical control points and standards.
- ii. Control as a feedback system.
- iii. Real-time information and control, feed forward control.
- iv. Requirements for effective controls.
- v. Recent Trends in Management: Social Responsibility of Management ó environment friendly management.

Suggested Readings

1. Stoner, Freeman and Gilbert Jr.; Management, Prentice Hall of India, New Delhi, 2003.
2. Gupta, C.B.; Management Concepts and Practices, Sultan Chand and Sons, New Delhi, 2003.
3. Koontz. O Donnel and Weirich (2001) - Management, Tata McGraw Hill Publishing Company, New Delhi.
4. Chopra, R.K. -Principles & Practices of Management, Sun India Publications, Latest Edition.
5. Tripathi P.C. and Reddy P.N., Principles & Practices of Management, 2 Edition, Tata McGrawHill.

Semester-I

BBM- 106

Subjects: Managerial Economics

Credits: 04

(Minimum Lectures: 40)

Course Objectives

The aim of every Business and industrial enterprise is to earn profit and to sustain in long. A sound decision requires fair knowledge of the aspects of with knowledge of economic theory and tools of economic analysis are the base for the sound decision. Since managerial economics is concerned with such aspects and tools of analysis, it is pertinent to the decision making process. The objective of this course is to give understanding of the basic concepts and issues in managerial economics and their application in business decisions. This course deals with micro-economic issues and principles involving households and firms, at individual level mainly their consumption, production, distribution etc. This course has been designed with the aim of developing a practical approach in managerial decision making with the help of various concepts as Demand analysis, market structure supply and cost concepts.

Course Outcomes

After completing this course, students will be able to

1. Understand the roles of managers in firms and how they make internal and external decisions.
 2. Apply the economic way of thinking to individual decisions and business decisions
 3. Analyze real-world business problems with a systematic theoretical framework.
 4. Understand the macro variables as inflation and Business cycles and their impact on an economy.
- .

Module I: Introduction to Managerial Economics

(Lectures - 06)

- i. Nature, Scope, Definitions of Managerial Economics,
- ii. Micro vs. Macro Economics,
- iii. Application of Managerial Economics to Business, fundamental concepts,
- iv. Gap between theory & practice and role of managerial economist in a business firm.

Module II: Consumer Behaviour and Demand Analysis

(Lectures - 12)

- i. Cardinal Utility Approach: Diminishing Marginal Utility, Law of Equi-Marginal Utility
- ii. Ordinal Utility Approach: Indifference Curves, Marginal Rate of Substitution, Budget Line and Consumer Equilibrium,
- iii. Theory of Demand, Law of Demand, Movement along vs. Shift in Demand Curve,
- iv. Concept of Measurement of Elasticity of Demand, Factors Affecting Elasticity of Demand, Income Elasticity of Demand, Cross Elasticity of Demand.
- v. Demand forecasting: Demand forecasting meaning, significance and methods.

Module III: Theory of Production, Cost and Firm's Behaviour

(Lectures - 12)

- i. Meaning and concept of Production, and Production Function,
- ii. Factors of Production: Fixed and Variable Factors,

- iii. Law of Variable Proportion (Short Run Production Analysis), Law of Returns to a Scale (Long Analysis),
- iv. Concept of Cost: Short Run Cost, Long Run Cost curves,
- v. Economics and Diseconomies of Scale,
- vi. Market structure: Definition, Types of market, market forces and equilibrium, Pricing under Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly.

Module IV: Macro Economic Analysis

(Lectures - 10)

- i. Macro-Economic Variables,
- ii. Circular flow of income,
- iii. National Income Concepts, definition and its measurement.
- iv. Inflation: types and causes,
- v. Business Cycle: concept, management policies in various stages of Business cycle.

Suggested Readings:

1. Baye, Michael. *Managerial Economics and Business Strategy*. 9th Edition. Boston: McGraw-Hill Irwin, (2017). Textbook. ISBN: 978-1-259-29061-9
2. Paul G. Keat, Philip K. Y. Young and Sreejata Banerjee, Managerial Economics - Economic Tool for Today's Decision Makers 6th Ed., Pearson Education, (2013).
3. Christopher R. Thomas and S. Charles Maurice, Managerial Economics: Foundations of Business Analysis and Strategy 10th Edition McGraw- Hills, (2011).
4. Craig H. Petersen, W. Chris Lewis and Sudhir K. Jain, Managerial Economics 5th Edition Pearson Education(2008).
5. Hirschey Mark ó Economics for Managers (Thomson, India Edition, 2007)
6. M.L. Jhingan& J.K. Stephan - Managerial Economics (Vrinda Publications 2nd 9)
7. Mehta, P.L. (2003); Managerial Economics, Sultan Chand & Sons
8. Koutsoyiannis, A. (2003) Modern Micro-Economics, Macmillan Press Ltd.
9. Hirschey Mark ó Economics for Managers (Thomson, India Edition, 2007)

Semester- II

Semester-II

LB-201

Subject: History- (Legal Developments)

Credit: 4

(Minimum Lectures: 40)

Course Objective

The course is to develop understanding of evolution of modern legal system in India.

Course Outcome

The course will enable the students:

1. To gain elementary knowledge of early legal developments.
2. To attain knowledge about the constitution and establishment of various courts in India
3. To know the historical development of laws including personal laws.

Module I: Early Developments (1600- 1836)

(Lectures - 10)

- i. Charters of the East India Company: 1600, 1661, 1726 and 1753
- ii. Settlements: Surat, Madras, Bombay and Calcutta
- iii. Courts: Mayor's Court of 1726 and Supreme Court of 1774
- iv. Statutes: Regulating Act, 1773; Pitts India Act, 1784; The Act of Settlement 1781
- v. Conflict: Raja Nanad Kumar, Kamaluddin, Patna Case, and Cossijurah f. Warren Hastings: Judicial Plans of 1772, 1774 and 1780 Lord Cornwallis: Judicial Plans of 1787, 1790 and 1793
- vi. Lord William Bentinck (With special focus on Appraisal of Criminal law)

Module II: Evolution of Law and Legal Institutions

(Lectures - 10)

- i. Development of Personal Laws
- ii. Development of Law in Presidency Towns
- iii. Development of Civil law in Mufussil: Special Emphasis on Justice, Equity and Good Conscience
- iv. Codification of Laws: Charter of 1833, The First Law Commission, the Charter of 1853, The Second Law Commission
- v. Establishment of High Courts, 1861
- vi. Privy Council and Federal Court: Appeals and working of Privy Council, Appraisal of Privy Council, Features of Federal Court
- vii. Evaluation: Special Reference to Racial Discrimination in the fields of criminal and civil justice

Module III: Legal Profession and Education

(Lecture-10)

- i. Early Developments through Major's Court, Supreme Court, Company's Adalat, High Court, Legal Practitioners Act of 1879, The Chamier and Indian Bar Committee of 1951
- ii. The Advocates Act of 1961: Provisions and Disciplinary powers
- iii. Law Reporting: Theory of Precedents, Features of Law reporting from 1773 to 1950
- iv. Legal Education: History and Basic Aims of Legal Education

Module IV: Constitutional History **(Lectures - 10)**

- i. The Indian Councils Act, 1861
- ii. The Indian Councils Act, 1892
- iii. The Indian Councils Act, 1909
- iv. The Government of India Act 1919
- v. The Government of India Act, 1935

Suggested Readings

- 1. M.P. Jain - Outlines of Indian Legal History
- 2. V.D. Kulshretha - Landmarks of Indian Legal and Constitutional History
- 3. J. K. Mittal- Indian Legal History
- 4. M.P. Singh - Outlines of Indian Legal and Constitutional History
- 5. Abdul Hamid - Constitutional History of India
- 6. Irfan Habib-Medieval India I: Researches in the History of India, 1200-1750

Semester-II

LB-202

Subject: Law of Contract- II

Credits: 4

(Minimum Lectures- 40)

Course Objectives

The main object of the course is to study and understand the concept of special types of Contracts- Contract of Agency, Bailment, Pledge, Indemnity and Guarantee, law relating to certain kinds of specific relief and partnership.

Course Outcomes

1. Understand the basic principles of agency, including who is an agent, liability of principles to third parties in contract, the fiduciary duties of agents, and how those duties vary in magnitude and how breaches vary in terms of severity and the legal consequences.
2. Get a deep insight about the law and procedure relating to contract of Bailment, Pledge, Indemnity and Guarantee, Rights, duties and liabilities of Bailor, Bailee, Pawnor and Pawnee.
3. Learn about various kinds of equitable reliefs.
4. Gain knowledge about the remedies for persons whose civil or contractual rights have been violated.
5. Understand the basic principles of partnership law, including what is a partnership and who are partners, types of partner and rights and duties of a partner, the fiduciary obligations of partners to each other, rules regulating partnership property, the rights of partners to participate in the management of the partnership.
6. Understand how partnership is different from other forms of business organization
7. Learn about Procedure for registration of partnership.
8. Understand about the Re-constitution and Dissolution of a firm and formalities related thereto, Rules upon Dissolution of Partnership, and special features of limited partnerships.

Module I

(Lecture 10)

Indemnity and guarantee/ Bailment and pledge

- i. Meaning, distinction between indemnity and guarantee
- ii. Rights/ duties of indemnifier, indemnified and surety
- iii. Discharge of surety, kinds of guarantee, bailment and pledge
- iv. Meaning and distinction
- v. Rights and duties of bailor/bailee, pawnor/pawnee
- vi. Lien
- vii. Termination of bailment

Module II

(Lecture 10)

Agency

- i. Definition of agent and principal, essentials of relationship of agency
- ii. Creation of agency: by agreement, ratification and law
- iii. Relation of principal/ agent, sub agent, and substituted agent

iv. Termination of agency

Module III **(Lecture 10)**

Specific relief act 1963

- i. Recovery of property
- ii. Specific performance of contract
- iii. Injunctions: Temporary and perpetual, mandatory

Module IV **(Lecture 15)**

- 1. The Indian partnership act 1932
- 2. Nature of partnership firm
 - i. Relations of partners to one another and outsiders
 - ii. Rights/ duties of partners inter se
 - iii. Partnership property
 - iv. Relations of partners to 3rd parties
 - v. Liability of holding out
 - vi. Minor as a partner
 - vii. Incoming and outgoing partners
- 3. Dissolution
 - i. By consent
 - ii. By agreement
 - iii. Compulsory dissolution
 - iv. Contingent dissolution
 - v. By notice
 - vi. By court
 - vii. Consequences of dissolution
 - viii. Registration of firms and effect of non-registration

Acts

- 1. Contract Act 1872
- 2. The Specific relief Act 1963
- 3. The Indian Partnership Act, 1932

Suggested Readings:

- 1. Law of Contract & Specific Relief , EBC Publication , Dr. Avtar Singh
- 2. Law of Contract & Specific Relief, Allahabad Law Agency, Dr. R. K. Bangia
- 3. The Indian Contract act, lexis Nexis publication, Sir DinshawFardunjiMulla
- 4. Anson's Law of Contract, Oxford Publication, J. Beatson, A. Burrows.
- 5. Indian Partnership Act, Universal Publication, Dr.Madhushudan Sahay
- 6. Indian Partnership Act, Central law publication, Dr. S. C. Tripathi

Essential Case Laws

1. Snow White Industrial Corporation, Madras v. The Collector of Central excise, AIR 1989 SC 1555
2. MalukChand v. Sham Mogham (1890) 14 bom 590
3. Great Northern Railway v. Swaffjeld (1874) LR 9 Ex 132
4. Bolton Partners v. Lambert (1889) 41 Ch.D 289
5. Kelner v. Baxter (1866) LR 2 CP 174
6. PannalalJankidas v. Mohanlal, AIR 1951 SC 144
7. Southern Roadways ltd. v. S. M. Krishnan (1989) 4SCC
8. Hamlyn v. John Housten& Co. (1903) 1 KB 81
9. Mellow v. Shaw, (1861) 1 B& S 437
10. Krikwood v. Chetham& Co, (1862) 10 WR 670
11. Dickinson v. Aalpy, (1829), 10 B & C 128
12. Dalichand v. MathuradasRavji AIR 1968 Bom 428
13. Scarf v. Jardine (1882) 7 ADD CAs 345
14. Pamuru Vishnu vinodhreddy v. Chillakuruchandrasekhrareddy (2003) 3 SCC445

Semester-II

BBM-203

Credits: 04

Subject: Information Technology & Computer Fundamentals

(Minimum Lectures: 40)

Course Objectives:

Information technology today has become vital for smooth functioning of all the departments in a company, and in security related purposes. Millions of jobs have been created by IT, and hence, today, it is essential for everyone to understand what information technology is, and how it plays a vital role in every aspect of modern-day life. Hence the objective of this course is to familiarize the students with the basic fundamentals of computer, operating system, networking, and use of computers in data processing. The course will help students recognize the importance of the information and apply their knowledge and to expose them to the present day capabilities and limitations of computers.

Course Outcomes

After completing this course, students will be able to

1. Understand basic concepts and terminology of computers.
2. Have a basic understanding of personal computers and their operations.
3. Use Internet/Web services as a resource for learning and discovery
4. Be able to identify issues related to information security.

Module - I: Basics of Computer and its evolution

(Lectures - 12)

- i. Evolution of Computer,
- ii. Classification of computer
- iii. Computer Generations
- iv. Applications of Computer
- v. Types of software (System and Application)
- vi. Compiler and Interpreter,
- vii. Generation of Language (Machine Level Assembly, High Level, 4GL),
- viii. Number Systems and their Inter conversion.

Module - II

(Lectures - 8)

Input and Output Devices:

- i. Input Devices
- ii. Output Devices
- iii. Computer Memory: Primary Memory and Secondary memory
- iv. Magnetic Disks - Floppy disks, Hard disks, Magnetic Tape,
- v. Optical disks -CD ROM and it's types (CD ROM, CD ROM-R, CD ROM-EO, DVD ROM
Flash Memory

Module III

(Lectures - 10)

Operating System Concept:

- i. Introduction to operating system; Function of OS, Types of operating systems,

- ii. Booting Procedure, Start-up sequence, Details of basic system configuration, Important terms like Directory, File, Volume, Label, Drive name, etc.
- iii. Introduction to GUI using Windows Operating System:
- iv. Management information system: concept and applications

Module IV**(Lectures - 10)****Concept of Data Communication and Networking**

- i. Networking concepts, Types of Networks (LAN, MAN, WAN),
- ii. Mode of Transmission (Simplex, Half Duplex and Full Duplex), Analog and Digital Transmission,
- iii. Network Topologies,
- iv. Internet, Intranets, Extranets, Inter-networking devices.
- v. Web Browsers, Internet Protocols, Search engines, e-mail, Web browsing, searching, downloading & uploading from Internet.
- vi. Artificial Intelligence (AI), Applications of Artificial Intelligence.

Suggested Readings:

1. Turban, Rainer and Potter (2003). Introduction to Information Technology. John Wiley & Sons.
2. Saini, A.K. and Pradeep Kumar (2003). Computer Applications in Management, Anmol Publications, N. Delhi.
3. ITL Education Solutions Ltd. (2005), Introduction to Information Technology,Pearson Education.
4. Sinha, Kr. Pradeep and Preeti Sinha; Foundations of Computing, BPB Publication, Latest Edition.
5. William Sawyer, Hutchinson. Using Information Technology, Tata McGraw Hill, Fifth Ed

Semester-II

BLB 204

Subject: English II (Including Legal Writing)

Credits: 04

(Minimum Lecture: 40)

Course Objective

Communication skills have become immensely important for a good and effective lawyer-ship. A good communicator not only impresses the listeners but also easily makes space within the social systems. At the same time an effective communication helps to tackle the client interviews effectively. Court rulings and legal reasoning need good communication skills so as to provide an impressive reading the world wide. Therefore the subject will certainly be helpful in excelling communication skills and lawyer-ship of the individual.

Course Outcome

This course is designed to imbue among the students:

1. Understand, identify, develop and practice essential Communication skills during their legal studies and in their everyday life.
2. Imbibe among students the intricacies of Client Interviewing.
3. Understand methods of Legal Counseling.

Module I: Communication

(Lectures - 10)

- i. Meaning
- ii. Types and Directions to Communication
- iii. Approaches to Communication
- iv. Barriers to Communication
- v. Communication Process
- vi. Channels of Communication

Module - II: Client Interviewing

(Lectures - 10)

- i. Meaning and significance
- ii. Different Components: listening, types of questions asked, Information gathering, Report formation, Ethical consideration

Module - III: Legal Counselling

(Lectures- 10)

- i. Definition and its differentiation from general counselling
- ii. Different types of counselling
- iii. Approaches to Counselling
- iv. Training Skills: Simulated exercises

Module - IV: Legal Reasoning**(Lectures- 10)**

- i. Legal Reasoning: Definition, Components of Legal Reasoning, Deductive and Inductive Reasoning, Levi's and Bodenheimer's Model of Legal Reasoning
- ii. Law and Logic: Aristotelian Logic and Syllogism
- iii. Significance of mooting to law students

Suggested Readings:

- 1. N.R. Madhava Menon, Clinical Legal Education
- 2. Jenny Chapman, Client Interviewing and Counselling
- 3. Stephens P. Robbins, Organizational Behaviour
- 4. Morgan, Introduction to Psychology

Course Objectives:

There's an old saying -If you can measure it, you can manage it. What's measurable is almost always presented in the form of statistics. Without the use of statistics the business is virtually impossible. Statistics are used to make a wide range of decisions in business and. The environment is highly complex and Business statistics help in taking sound decision in the uncertainty. Statistics play an important role in business. A successful businessman must be very quick and accurate in decision making. Hence the basic objective of this course is to develop students' familiarity with the basic concepts and tools in statistics so as to enable them to resolve complex problems of decision making in business.

Course Outcomes:

After completing this course, students will be able to

1. Produce appropriate graphical and numerical descriptive statistics for different types of data.
2. Identify statistical tools needed to solve various business problems
3. Develop the skill of performing the calculations needed for various methods of analysis
4. Understand the concept of hypothesis and will also learn various technique of hypothesis testing which will help them to take sound decisions.

Module -I: Overview of Business Statistics **(Lectures - 6)**

- i. Definition, important and limitations; Functions and scope of statistics;
- ii. Types of data;
- iii. Data collection techniques;
- iv. Presentation of data- tabulation, charting and diagrammatic

Module - II: Measures of Central Tendency and Dispersion **(Lectures - 10)**

- i. Central tendency- mean, median, mode, partition values;
- ii. Variation - range, quartile deviation, average deviation, standard deviation, Lorenz curve; Skewness, moments and kurtosis

Module - III: Correlation and Regression analysis **(Lectures - 10)**

- i. Significance of study of correlation; Correlation and causation;
- ii. Types of correlations;
- iii. Measurement of correlation (Karl Pearson's methods, Spearman's rank correlation);
- iv. Regression analysis: Difference between correlation and regression; Bivariate regression model & regression equations of Y on X;
- v. Index Numbers; Times series analysis.

Module - IV: Sampling & Tests of Hypothesis **(Lectures - 14)**

- i. Sampling and Sampling Distributions;
- ii. Procedure of hypothesis testing; Type I and Type II errors; One tailed and two tailed tests; Testing of hypothesis w.r.t. large samples, about population means,
- iii. Difference between means, attributes, population proportion and difference between two proportions; Chi-square test;
- iv. Analysis of Variance; Statistical decision making

Suggested Readings:

- 1. Sharma J K (2014), Fundamentals of Business Statistics, Vikas Pub. House
- 2. Gupta S P (2013), Statistical Methods, S. Chand & Co.
- 3. Rubin & Levin (2013), Statistics for Management, Seventh edition, Pearson, Prentice Hall of India.
- 4. Kapoor & Sancheti, (2011), Business Statistics, Sultan Chand & Sons
- 5. Hooda, R.P., Statistics for Business and Economics, 3 ed., Macmillan, N. Delhi.

Semester-II

BBM -206

Subjects: Economic Environment of Business

Credits: 04

(Minimum Lectures: 40)

Course Objective:

The business operates in the economic environment and is influenced by it. The cut throat competition has made economic environment more important than ever it has been. Hence the course has been designed with the purpose of familiarizing the student with various aspects of economic, social, political and cultural environment of India. This will help them in gaining a deeper understanding of the environmental factors influencing Indian business organizations.

Course Outcome:

After completing this course, students will be able to

1. Analyze various competitive forces in environment and to cope with the changing regulations affecting business and its profitability.
2. Understand various laws and role of SEBI in India.
3. Analyze various trends and issues of Indian Economy w.r.t. Privatization and Globalization.
4. Understand the monetary and fiscal environment in India and functioning of RBI.

Module - I: Business Environment

(Lectures - 8)

- i. Business Environment-Meaning, Importance,
- ii. Environmental Factors, Nature and Significance,
- iii. Interaction matrix of different environment factors,
- iv. Process of environmental scanning,
- v. Basic philosophies of Capitalism and Socialism with their variants.

Module - II Regulatory Business Laws

(Lectures - 12)

- i. Industrial and Licensing Policy,
- ii. Foreign Exchange Management Act,
- iii. Consumer Protection Act,
- iv. Environment Protection Act,
- v. New Competition Law,
- vi. Securities and Exchange Board of India and Investor's Protection.

Module - III New Economic Environment

(Lectures - 10)

- i. Liberalization,
- ii. Privatization
- iii. Globalization of Indian Economy (trends and issues.)
- iv. Special Economic Zone (SEZ), their role and impact in Indian Business Environment

Module -IV Monetary And Fiscal Environment In India

(Lectures - 10)

- i. RBI ó Role and functions.
- ii. Regulation of money and credit,
- iii. Monetary and Fiscal Policies,

Suggested readings:

- 1. CherunilamFrancis, Business Environment, Text and Cases , Eighth Edition, Himalaya Publishing House, New Delhi
- 2. Bedi, Suresh (2004) Business Environment, Excel Books, New Delhi.
- 3. Mishra, S.K. and Puri, V.K. (2007) Economic Environment of Business, Himalaya PublishingHouse, New Delhi.
- 4. Paul, Justin (2006), Business Environment (Text and Cases), Tata McGraw-Hill, New Delhi
- 5. Economic Survey, Government of India (Latest)
- 6. Monthly Bulletins, Reserve Bank of India, Mumbai

Semester-III

Semester-III

LB-301

Subject: Constitutional Law-I

Credit: 04

(Minimum Lectures: 40)

Course Objective

The Objective of this paper is to provide understanding of basic concepts of Indian Constitution and various organs created by the constitution including their functions. In this course, Student will study areas of constitutional law that are essential for an understanding of the fundamental concepts and the unique complexion of the Indian constitutional system. Student will explore federal structure, the separation of powers, and Liability of State.

Course Outcome

This course is designed to create among the students:

1. Demonstrate an advanced and integrated understanding of Constitutional Law.
2. Understand the evaluation and development of the origin and nature of Indian Constitution.
3. Analyze the role of State in transforming governance for justice, social, economic and political.
4. Understanding the procedure of the amendment of the constitution and Basic structure.

Module- I

(Lectures - 10)

Introduction

- i. Meaning of Constitution, Constitutionalism and Constitutional Law
- ii. Nature of Indian Constitution
- iii. Salient features of Indian Constitution
- iv. Preamble of the Indian Constitution
- v. Citizenship and Status of Non-Residential Indians

Module- II

(Lectures - 10)

Distribution of Power between Union and States

1. Legislative Power

- i. Doctrine of Territorial Nexus
 - ii. Doctrine of Harmonious Construction
 - iii. Doctrine of Pith and Substance
 - iv. Doctrine of Repugnancy
 - v. Doctrine of Colourable Legislation
2. Residuary Power of Legislation
 3. Administrative Powers

Module- III

(Lectures - 10)

Constitutional Organs

1. Union Parliament and State Legislature

- i. Constitution and Function
- ii. Parliamentary Sovereignty

- iii. Parliamentary Privileges
 - iv. Collective Responsibility of Cabinet
 - v. Prime Minister and Council of Ministers
2. Union and State Executive
- i. Election, Powers & Functions of President
 - ii. Governor its Powers & Position
3. Union and State Judiciary
- i. Constitution and Jurisdiction
 - ii. Power of Judicial Review
 - iii. Independence of Judiciary
 - iv. National Judicial Appointment Committee

Module- IV

(Lectures - 10)

Liability of State, Trade and Services

- i. Contractual and Tortious Liability of State
- ii. Freedom of Trade, Commerce and Intercourse
- iii. Right to Property (Doctrine of eminent domain)
- iv. Services under Union and States
- v. Amendments of the Constitution: Doctrine of Basic Structure

Suggested Readings:

- | | | |
|-----------------------|---|-----------------------------------------|
| 1. Pandey, J. N. | - | The Constitutional Law of India |
| 2. Shukla, V. N. | - | The Constitution of India |
| 3. Kashyap, C. Subhas | - | Constitution of India |
| 4. Bakshi, P. M. | - | The Constitution of India |
| 5. Kashyap, C. Subhas | - | Our Constitution |
| 6. Jain, M. P. | - | Indian Constitutional Law |
| 7. Singhvi, L. M. | - | Constitution of India |
| 8. Basu, D. D. | - | Commentary on the Constitution of India |
| 9. Seervai, H. M. | - | Constitutional Law of India |

Essential Case Laws

1. Rameswar Prasad v. Union of India, (2006) 2 SCC 1
2. S.P. Gupta v. Union of India, AIR 1982 SC 149
3. S.C. Arora v. Union of India I, (1993) 4 SCC 441
4. State of Bombay v. RMDC, AIR 1957 SC699
5. Prafulla Kr. Mukherji v. Bank of Khulna, AIR 1947 PC60
6. Atiabari Tea Co. V. State of Assam, AIR 1951 SC 232
7. K.C.G. Narain Dev v. State of Orissa, AIR 1953 SC.375
8. Kesvanand Bharti v. State of Kerala, AIR 1973 SC1461
9. Minerva Mills v. Union of India, AIR 1980 SC 1789

10. D. C. Wadhava v. State of Bihar, (1987) 1 SCC 378L. Chandra Kumar v. Union of India, AIR 1997 SC 1125I. R. Coelho v. State of Tamil Nadu, AIR 2007 SC 8617
11. B. P. Singhal v. Union of India, (2010) 6 SCC 331
12. Jindal Stainless Ltd. V. State of Haryana AIR 2016 SC 5617
13. Supreme Court Advocates-on- Record Association v. Union of India (2016) 5 SCC1

Semester-III

LB-302

Law of Torts and Consumer Protection Act

Credit: 04 Subject:

(Minimum Lectures: 40)

Course Objective

This module examines a broad range of torts protecting a variety of different interests. The module begins by situating the law of torts in relation to the broad principles underpinning contract and criminal law; introduces you briefly to the broad range of torts, and then focuses on the fundamental principles of liability with particular reference to negligence. Other torts (e.g., nuisance) are considered, as are current issues of particular difficulty and importance in respect of tort law. Students will be encouraged to consider and evaluate the role, nature, and functions of tort law, as well as its technical rules.

Course Outcome

This course is designed to create awareness and understanding among the students about:

1. The functions of tort law
2. The basic principles relevant to other selected torts, e.g. battery, and recognise and explain their relevance and influence in the key areas studied
3. The basic principles regarding tort remedies, and determine which heads are recoverable in hypothetical problem questions
4. The areas of overlap between different torts, and links between tort and other legal topics, e.g. contract, human rights, and critically compare their underlying principles in relevant respects

Course Module

Module-I- Principles, General Defences and Capacity

(Lectures - 10)

Principles of Tort

- i. Definition of Tort
- ii. Development of Tort actions in England & India
- iii. Tort distinguished from Contract & Crime
- iv. Constituents of Tort- wrongful act (*malfeasance, misfeasance, non-feasance*), Damage (*damnum sine injuria &injuria sine damnum*), Remedy (*ubi jus ibi remedium*)
- v. Mental element in Tort-Malice in Law & Malice in Fact

Module II

1. General Defences of Tort
 - i. *volenti-non-fit-injuria*
 - ii. Necessity
 - iii. Plaintiff's default
 - iv. Act of God
 - v. Inevitable Accident

- vi. Private Defense
- vii. Mistake
- viii. Statutory Authority
- ix. Doctrine of Sovereign Immunity
- 2. Capacity ó To sue & to be sued: Minor, Judicial and Quasi Judicial acts, Parental & Quasi Parental Authority, Independent & Joint Tort Feasors.

Module III- Consumer Protection

(Lectures - 10)

- 1. Introduction
 - i. Concept of Consumer Sovereignty
 - ii. Need of Consumer Protection and Consumerism
 - iii. Doctrine of Caveat Emptor
 - iv. Consumer Protection & Doctrine of Negligence
- 2. Salient Features and the Relationship of the Act with Other Consumer Protection Legislations.

C. Important Definitions under Consumer Protection Act, 2019

- i. Consumer
- ii. Consumer Dispute
- iii. Complaint
- iv. Complainant
- v. Trader
- vi. Manufacturer
- vii. Service
- viii. Unfair Trade Practice
- ix. Defect and Deficiency
- x. Restricted Trade Practices

Module IV - Consumer Protection Act

(Lectures - 10)

- i. Consumer's Rights and Consumer Protection Councils: Objective, Composition and Procedures.
- ii. Consumer Dispute & Redressal Agencies - Their Constitution, Jurisdiction and Procedure.
- iii. Enforcement of Decrees and Order: Dismissal of Frivolous or Vexatious Complaints, Limitation.

Suggested Readings

- | | | |
|----------------------------|---|-------------------------|
| 1. Lal, Ratan& Lal, Dhiraj | - | The Law of Torts |
| 2. Bangia, R.K. | - | Law of Torts |
| 3. Kapoor, S.K. | - | Law of Torts |
| 4. Winfield &Jolowicz | - | Tort |
| 5. Salmon | - | Torts |
| 6. Aggarwal, V.K. | - | Consumer Protection Act |

Essential Case Laws

1. Ashby v. White, (1703) 2 Lord Raym, 932
2. Ushaben v. Bhagyalaxmi, A.I.R 1978 Guj. 13
3. State of Rajasthan v. Vidyawati, A.I.R 1962 SC 933
4. Kasturi Lal v. State of U.P, A.I.R 1965 SC 1039
5. N. Nagendra Rao v. State of A.P., A.I.R 1994 SC 2663
6. Rudal Shah v. State of Bihar, A.I.R 1983 SC 1086
7. Donoghue v. Stevenson, (1932) A.C. 562
8. Municipal Corp. of Delhi v. Subhangwati, A.I.R 1966 SC 1750
9. Rylands v. Fletcher, (1868) L.R. 3 H.L. 330
10. M.C. Mehta v. Union of India, A.I.R 1987 SC 1086
11. Union Carbide Corp. v. Union of India, A.I.R 1990 SC 273
12. Bhim Singh v. State of J&K, A.I.R 1986 SC 494
13. Derry v. Peak (1889) 14 App Cases 337

Semester-III

LB-303

Subject: Law of Crimes –I

Credit: 4

(Minimum Lectures: 40)

Course Objective

This paper is an introduction to the substantive law of crimes, including essential elements of crimes, responsibility and defences. The paper also aims to familiarize with the basic principles of criminal law determining criminal liability and punishment.

Course Outcome

After the completion of the course, students should be able to:

1. Describe the basic principles of criminal law including defences, kinds of criminal liability and various theories of punishment.
2. Understand case analysis and statutory construction.

Module- I:

Introduction to Substantive Criminal Law

(Lectures-09)

- i. Meaning and definition of Crime
- ii. Fundamental elements of crime: human being, actus reus, mens rea, and injury
- iii. Stages in commission of crime: Intention, Preparation and Attempt, commission of crime
- iv. Extent, operation and Jurisdiction of IPC

Module-II:

General Explanations and Exceptions

(Lectures-10)

- i. Definition
- ii. Mistake, Judicial and executive Acts
- iii. Accident, Necessity, Infancy, Insanity,
- iv. Intoxication, Consent, Good faith,
- v. Private Defence

Module-III:

Different Kinds of Criminal liability under IPC

(Lectures-12)

- i. Principles of criminal liability ó Individual and Joint Liability
- ii. Common Intention and Common Object
- iii. Vicarious Liability
- iv. Inchoate Crimes: Abetment, Criminal Conspiracy and Attempt

Module-IV:

Punishment

(Lectures-08)

- i. Theories of Punishment: Deterrent, Retributive, Preventive, Expiatory and Reformatory Theory
- ii. The scheme of punishment under IPC: Fine, Imprisonment, Capital Punishment

Suggested Readings

1. Ratanlal&Dhirajlal- Indian Penal Code
2. H.S. Gaur- Penal Law of India
3. P.S.A. Pillai- Criminal Law
4. S.N. Mishra-The Indian Penal Code
5. K.D. Gaur-The Indian Penal Code
6. William Glanville-A Textbook on Criminal Law
7. R.C. Nigam-Criminal Law

Relevant Case Laws

1. Barendra Kumar Ghosh v. King Emperor - AIR 1925 PC
2. Moti Singh v. State of U.P. - AIR 1964 SC 900
3. Joginder Singh v. State of Punjab - AIR 1979 SC 1876
4. Basdev v. Stat of Pepsu -AIR 1956 SC 488
5. State of Gujrat v. KousaraMonilal - AIR 1964 SC 1893
6. State of Maharashtra v. M H George -AIR 1965 SC 722
7. Sarjoo Prasad v. State of U.P. -AIR 1961 SCC 631
8. State of West Bengal v. Shew Mangal Singh -AIR 1981 SC 1917
9. SheoNarain v. State of rajasthan -199(2) Crimes 169 (Raj)
10. Delhi Judicial Service Association, Tis Hazari Court v. State of Gujrat AIR 1991 32 SC 2176
11. M Naughton's Case -(1843) 4St Tr (NS) 847
12. Paras Ram v. State ofPunjab -(1981) 2 SCC 508
13. Puran Singh v. State of Punjab -AIR 1975 SC 1674
14. Wassan Singh v. State of Punjab -1996 Cr LJ 878 SC
15. Sukaroo Kabiraj v. Express - 1877 ILR (14) Cal 566
16. Rupan Deol Bajaj v. KPS Gill - AIR 1996 SC 309
17. Kanwar Singh v. Delhi Administration - AIR 1965 SC 871
18. Jaidev v. State of Punjab -AIR 1963 SC 612 (617)
19. Abyanand Misra v. State of Bihar -AIR 1961 SC 1698
20. Sudhir Kumar Mukherjee v. State of W.B. - AIR 1973 SC 2655
21. State of Maharashtra v. Mohd. Yahub
22. R v. shivpuri - 1986 2 All El 334
23. Mahaboob Shah v. King Emperor -AIR 1945 pc 118
24. B.N. Shreekantiah v. Mysore State AIR 1958 SC 672
25. PandurangTukia v. State of Hyberabad -AIR 1955 SC 216
26. ShreekantiahRamayya v. State of Bombay -AIR 1955 SC 287
27. Haradhan Chakrabarty v. Union of India - AIR 1990 SC 1210
28. Bimbadhar Pradhan v. State of Orissa -AIR 1956 SC 469
29. Kehar Singh v. State (Delhi Administrator) - AIR 1988 SC 1883
30. State of T.N v. Nalini - AIR 1999 SC 2640
31. C.B.I. v. V.C. Shukla -AIR 1998 SC 1406

Semester-III

BBM- 304

Subject: Operational Research in Management

Credits: 04

Minimum Lectures: 40

Course Objectives

The operation research is a helpful tool in solving complex business problems by mathematical tools in highly uncertain environment. The objective of this paper is to develop students' familiarity with the basic concept and tools in operations research. These techniques assist specially in resolving complex problems and serve as a valuable guide to the decision makers.

Course Outcomes

After completing this course, students will be able to

1. Understand the basic concept of operation research and its role in decision making
2. Interpret and solve business-related problems with the help of mathematical techniques.
3. Learn solving problem involving limited resources to get the optimum solutions.
4. Identify project goals, constraints and resource requirements in order to achieve project success.

Module- I

(Lectures - 8)

Introduction to Operation Research

- i. Basic definition, scope, objectives and phases.
- ii. Models and applications in business decision-making.
- iii. Limitations of Operations Research.
- iv. Linear Programming Problem.
- v. Formulation of LPP.
- vi. Methods of solving: Graphical and Simplex method.
- vii. Problems with mixed constraints.
- viii. Duality: concept and significance.

Module – II

(Lectures- 12)

Transportation and Assignment problems

- i. General structure of transportation problem.
- ii. Methods for finding initial solution.
- iii. Testing optimality using MODI method.
- iv. Maximization problem in transportation.
- v. Unbalanced Transportation problem.
- vi. Assignment problem.
- vii. Solution using Hungarian Method.
- viii. Solving unbalanced problems, and problems with maximization objective.

Module – III**(Lectures - 10)****Sequencing and Game Theory**

- i. Sequencing Problem-Introduction.
- ii. Johnson's method for n Jobs and Two machines, n Jobs and Three Machines. two jobs and m - Machines Problems.
- iii. Game Theory-Introduction
- iv. Two-person zero-sum games.
- v. Games of Pure and mixed strategy.
- vi. Rule of dominance.
- vii. Graphical solution to games.

Module – IV**(Lectures - 10)****Project Management and Queuing theory**

- i. Project scheduling-Introduction.
- ii. Rules and precautions for drawing the network diagram.
- iii. Applications of CPM and PERT techniques in Project planning and control.
- iv. Queuing theory-Introduction.
- v. Model (M/M/1/ /F1F0)
- vi. Applications of Queue model for better service to the customers.

Suggested readings

1. Gupta, S.P. and Gupta, P.K., Quantitative Techniques and Operations Research, Sultan Chand & Son, Latest Edition.
2. Sharma, J.K. (2004), Operation Research: Problems and Solutions, MacMillan India Ltd 2ndEdition
3. Kothari - Quantitative Techniques (Vikas 1996, 3rd Edition).
4. Sharma J K - Operations Research (Pearson, 3rd Edition)
5. Sharma, S. D., Operations Research, New Edition

Semester-III
BBM-305
Subject: Financial Accounting

Credits: 04
Minimum Lectures: 40

Course Objective

The main objective of this course is to familiarize the students with the basic accounting principles and techniques of preparing and presenting the accounts for use of accounting information. Further, it aims at acquainting the student with those significant tools and techniques of financial analysis, which are useful in the interpretation of financial statements. These tools and techniques form an important part of management planning and control systems. Thus, the course does not intend to make the students expert accountant.

Course Outcomes

After completing this course, students will be able to:

1. Understand the roles of accountancy and accountants in a business firm.
2. Learn the mechanics of accounting principles and standards.
3. Analyze real-world business accounting system with a systematic theoretical framework.
4. Develop analytical ability to make optimal financial decisions for business.

Module -I **(Lectures - 8)**

Overview- Meaning and Scope of Accounting

- i. Meaning and Scope of Accounting, Need for Accounting.
- ii. Branches of Accounting, Accounting and other Disciplines.
- iii. Role of Accountant.
- iv. Difference between Management Accounting and Financial Accounting.
- v. Accounting Concepts.
- vi. Accounting Conventions and Principles.
- vii. Introduction to Accounting Standards Issued by ICAI.
- viii. Accounting Equation.

Module -II Mechanics of Accounting **(Lectures - 10)**

- i. Double entry system of accounting.
- ii. Journalizing of transactions; ledger posting and trial balance.
- iii. Preparation of final accounts: Trading Account, Profit & Loss Account, Balance Sheet with Adjustments.

Module -IV: Capital and Revenue, Inventory, Depreciation **(Lectures - 12)**

- i. Classification of Income.
- ii. Classification of Expenditure.
- iii. Classification of Receipts.
- iv. Difference between Capital Expenditure & Capitalized Expenditure.
- v. Revenue Recognition.
- vi. Meaning of Inventory.
- vii. Objectives of Inventory Valuation.
- viii. Inventory Systems.
- ix. Methods of Valuation of Inventories.
- x. Valuation of Inventories.

Depreciation Provisions and Reserves:

- i. Concept of Depreciation.
- ii. Causes of Depreciation.
- iii. Basic Features of Depreciation.
- iv. Meaning of Depreciation Accounting.
- v. Objectives of Providing Depreciation.
- vi. Methods of Providing Depreciation.

Module -IV

(Lectures - 10)

- 1. Introduction to Shares and Debentures**
- 2. Shares and Share Capital**
 - i. Shares
 - ii. Share Capital
 - iii. Under subscription
 - iv. Oversubscription
 - v. Calls in Advance
 - vi. Calls in Arrears
 - vii. Issue of Share at Premium
 - viii. Issue of Share at Discount
 - ix. Forfeiture of Shares
 - x. Surrender of Shares
 - xi. Right Shares
 - xii. Re-issue of shares

Debentures

- i. Classification of Debentures
- ii. Issue of Debentures
- iii. Different Terms of Issue of Debentures
- iv. Redemption of Debentures

Suggested Readings:

1. Maheshwari, S.N. and S. K. Maheshwari (2005), Financial Accounting, Fourth Edition, Vikas Publishing House
2. Maheshwari, S.N. and S. K. Maheshwari (2003), An Introduction to Accountancy, Eighth Edition, Vikas Publishing House.
3. Gupta, R.L. and V.K. Gupta (2003), Financial Accounting: Fundamental, Sultan Chand Publishers.
4. Monga, J.R. (2005), An Introduction to Financial Accounting, First Edition, Mayoos Paperbooks.
5. Bhattacharya, S.K. and J. Dearden (2003); Accounting for Manager - Text and Cases, Third Edition, Vikas Publishing House.

Semester-III

BBM-306

Subject: Organizational Behaviour

Credits: 04

Minimum Lectures: 40

Course Objectives

The most important asset of any organization is itsø people and its success largely depend on the same. For effective management of people, it is essential to perceive their requirements. Since individuals differ in the behaviour, it becomes very difficult to come with a unique solution which can be applied on all. *Organizational Behaviour* helps us to study the complex nature of human beings in organizations by identifying causes and effects of that behaviour. The course aims to provide an understanding of basic concepts, theories and techniques in the field of human behaviour at the individual, group and organizational levels in the changing global scenario.

Course Outcomes

After completing this course, students will be able to

1. Analysing the behavior of individuals and groups in organizations.
2. To evaluate the reciprocal relationship between the organizational characteristics and managerial behavior.
3. Develop practical insights and problem solving capabilities for effectively managing the Organisational processes
4. To gain better understanding of organization culture and conflicts
5. Developing conceptual understanding of change and its implementation.

Module I

(Lectures - 08)

- i. Introduction: Concept and nature of Organizational behaviour;
- ii. Contributing disciplines to the field of O.B.O.B. Models
- iii. Need to understand human behaviour; Contemporary challenges
- iv. Learning-Nature & significance, Learning Theories

Module II

(Lectures - 12)

- i. Attitudes- Nature & Dimensions of Attitude, Formation Theories, Relationship between Attitude and Behavior;
- ii. Personality - determinants and traits
- iii. Perception-Process.
- iv. Case Study

Module III

(Lectures - 10)

Group Behaviour & Team Development:

- i. Nature of Group Dynamics, Types, Stages of Group Formation: The Five Stage Model; Group Structure: Group Tasks
- ii. Team Development: Concept of Team Vs Group;
- iii. Types of teams; Building and managing effective teams.
- iv. Concept of conflict

v. Case Study

Module IV

(Lectures - 10)

Organization Culture and Conflict Management

- i. Organization Culture: Organizational Culture-Concept, Functions, Creating and sustaining culture;
- ii. Managing Change; Managing across Cultures; Empowerment and Participation.
- iii. Management of Crisis,
- iv. Case Study

Suggested readings

Text Books

- 1. Prasad, L.M.(2003), Organizational Behaviour, Sultan Chand & Sons.
- 2. Stephen P., Robbins (2003), Organizational Behaviour; "Prentice Hall of India Pvt. Ltd.", New Delhi.

Reference Books

- 1. Luthans, Fred (2003); Organizational Behaviour, Tata McGraw Hill, New Delhi
- 2. Chabpra,T.N. & Singh,B.P., Organization Behavior,Sultan Chand & Sons.
- 3. Khanka, S.S.; Organizational Behaviour, Sultan Chand and Sons, New Delhi, Latest Edition.
- 4. Joseph, Weiss (2004); Organization Behaviour and Change, Vikas Publishing House

Semester-IV

Semester-IV

LB-401

Subject: Constitutional Law – II

Credits: 04

Minimum Lectures: 40

Course Objective

The Objective of this paper is to provide understanding of concepts of State. In this course; Student will study meaning of State, Concept of State Instrumentality. Student will explore the meaning and concept of Fundamental Rights Fundamental Duties and Directive Principles of State Policies and Emergency provisions.

Course Outcome

This course is designed to create among the students:

1. Understand the Concept and Utility of State and its role in protection of fundamental rights.
2. Understand the six broad categories of Fundamental Rights guaranteed by the Constitution to its citizens.
3. Understand the Fundamental Duties that can help the students make their neighbourhood, city, and country better.
4. Analyze the relationship between Fundamental Rights and Directive principles of State Policies.

Module-I

(Lecture -10)

Fundamental Rights I

1. General

- i. Meaning of State, Concept of State Instrumentality
- ii. Doctrine of Eclipse, Severability, Waiver, Distinction between Pre and Post Constitutional Laws

2. Right to Equality

- i. Right to Equality, Doctrine of Reasonable Classification and Principle against Arbitrariness
- ii. Reservation/ Protective Discrimination, Issues and Challenges

Module-II

(Lecture-10)

Fundamental Rights II

1. Right to Freedom

- i. Fundamental Freedoms and Reasonable Restrictions
- ii. Protections to accused: ex post-facto, double jeopardy and self-incrimination
- iii. Protection of Life and Personal Liberty
- iv. Right to Education
- v. Protection against Arrest and Detention in certain Cases

2. Right against Exploitation

- i. Prohibition of Human Trafficking and Forced Labour
- ii. Prohibition of Employment of Children

Module-III

(Lecture-10)

Fundamental Rights III

- i. Right to freedom of religion
- ii. Cultural and Educational Rights
- iii. Right to Constitutional Remedies: Writs including (Executive writs, Directions and Orders)

Module-IV

(Lecture-10)

Directive Principles, Fundamental Duties and Emergency Provisions

- i. Directive Principle of State Policy and its relationship with fundamental rights
- ii. Fundamental Duties
- iii. Emergency Provisions: Proclamation of Emergency; Failure of constitutional machinery and Financial Emergency.

Suggested Readings

Text Books

37. Pandey, J.N.	-	The Constitutional Law of India
38. Shukla, V.N.	-	The Constitution of India
39. Kashyap, C. Subhas	-	Constitution of India
40. Bakshi, P.M.	-	The Constitution of India
41. Kashyap, C. Subhas	-	Our Constitution
42. Jain, M.P.	-	Indian Constitutional Law
43. Singhvi, L. M.	-	Constitution of India
44. Basu, D. D.	-	Commentary on the Constitution of India
45. Seervai, H. M.	-	Constitutional Law of India

Essential Case Laws

1. R. D. Shetty v. International Airport Authority of India, AIR 1979 SC 1628
2. Naresh v. State of Maharashtra, AIR 1967 SC 1
3. E.P. Royappa v. State of Tamil Nadu, AIR 1974 SC 555
4. Maneka Gandhi v. Union of India, AIR 1978 SC 597
5. Aruna Rai v. Union of India, AIR 2002 SC 3176
6. Bijoe Emmanuel v. State of Kerala, AIR 1987 SC 748
7. U.P. Power Corp. v. Rajesh Kumar, 2012 STPL(Web) 252 SC
8. State of Rajasthan v. Union of India, (1977) 3 SCC 592
9. Ajay Hasia v. Khalid Mujib, AIR 1981 SC 487
10. M. C. Mehta v. Union of India, AIR 1987 SC 1086
11. S. R. Bommai v. Union of India, (1994) 3 SCC 1

The students are required to go through recent cases on the topics given under the syllabus.

Semester-IV

Course Objective

This module examines Specific torts protecting a variety of different interests. Further the liabilities which arise under the law torts will be dealt in detail. The student will be able to know about the remedies under the law of torts as well as about Motor Vehicle Act.

Course Outcome

This course is designed to create among the students:

1. The key principles of the torts of negligence, nuisance, and the rule in Rylands v Fletcher, including principles of liability, limitation and defences; determine answers to hypothetical problems concerning these torts; and appreciate key decisions in these torts.
2. The basic principles relevant to other selected torts, e.g. battery, and recognise and explain their relevance and influence in the key areas studied
3. The basic principles regarding tort remedies, and determine which heads are recoverable in hypothetical problem questions
4. Knowledge about the Motor Vehicle Act

Module I

(Lectures - 10)

Specific Torts

- i. Torts relating to Person ó Assault, Battery, False Imprisonment, Malicious Prosecution
- ii. Torts relating to Property ó Trespass, Nuisance
- iii. Defamation
- iv. Negligence, Contributory Negligence, *res ipsa loquitur*, Nervous Shock

Module II

(Lectures - 10)

Liability

- i. Vicarious Liability
- ii. Strict Liability
- iii. Trend towards Absolute Liability
- iv. Fault and No Fault Liability

Module III

(Lectures - 10)

Remoteness of Damages and Tort to Incorporeal Property

1. Remoteness of Damages
 - ii. The test of reasonable foresight
 - iii. The test of directness
2. Remedies
 - i. Judicial
 - ii. Extra judicial remedies

- iii. Torts to Incorporeal Personal Property - Torts affecting Contractual & Business Relations - Trade mark, Trade name, Patent right, Copyright, Passing Off

Module IV

(Lectures - 10)

Motor Vehicle (Amendment) Act

Salient Features of Motor Vehicle (Amendment) Act

Compulsory Insurance

- i. Insurer's liability for third party risk

Suggested Readings

Text Books

- | | | |
|-----------------------------|---|-------------------------|
| 1. Lal, Ratan & Lal, Dhiraj | - | The Law of Torts |
| 2. Bangia, R.K. | - | Law of Torts |
| 3. Kapoor, S.K. | - | Law of Torts |
| 4. Winfield & Jolowicz | - | Tort |
| 5. Salmond | - | Torts |
| 6. Aggarwal, V.K. | - | Consumer Protection Act |

Essential Case Laws

5. Ashby v. White, (1703) 2 Lord Raym, 932
6. Ushaben v. Bhagyalaxmi, A.I.R 1978 Guj. 13
7. State of Rajasthan v. Vidyawati, A.I.R 1962 SC 933
8. Kasturi Lal v. State of U.P, A.I.R 1965 SC 1039
9. N. Nagendra Rao v. State of A.P., A.I.R 1994 SC 2663
10. Rudal Shah v. State of Bihar, A.I.R 1983 SC 1086
11. Donoghue v. Stevenson, (1932) A.C. 562
12. Municipal Corp. of Delhi v. Subhangwati, A.I.R 1966 SC 1750
13. Rylands v. Fletcher, (1868) L.R. 3 H.L. 330
14. M.C.Mehta v. Union of India, A.I.R 1987 SC 1086
15. Union Carbide Corp. v. Union of India, A.I.R 1990 SC 273
16. Bhim Singh v. State of J&K, A.I.R 1986 SC 494
17. Derry v. Peak (1889) 14 App Cases 337

The students are required to go through recent cases on the topics given under the syllabus.

Semester-IV

LB-403

Subject: Law of Crimes –II

Credit: 4

(Minimum Lectures: 40)

Course Objective

The paper focuses on the various substantive crimes under the Indian Penal Code.

Course Outcome

After the completion of the course, the student should be able to:

1. Have an understanding of various categories of crime.
2. Understand how to read a fact pattern and identify pertinent issues of criminal law.
3. Demonstrate an understanding of case analysis and statutory construction.

Module I

(Lectures-07)

Offences against State

- i. Sedition,
- ii. Unlawful assembly,
- iii. Rioting,
- iv. Affray

Module II

(Lectures-13)

Offences affecting the Human Body

- i. Culpable Homicide
- ii. Murder
- iii. Grievous Hurt
- iv. Hurt
- v. Causing miscarriage or injuries to unborn children
- vi. Wrongful restraint and wrongful confinement
- vii. Criminal Force and Assault
- viii. Kidnapping and Abduction

Module III

(Lectures-08)

Offences affecting Women

- i. Obscene acts and songs
- ii. Outraging the modesty of women
- iii. Rape
- iv. Cruelty
- v. Offences affecting marriage
- vi. Adultery
- vii. Bigamy

Module IV

(Lectures-12)

Offences against Property and Reputation

- i. Theft
- ii. Extortion

- iii. Robbery
- iv. Dacoity
- v. Criminal Misappropriation of Property
- vi. Criminal Breach of Trust
- vii. Cheating
- viii. Mischief
- ix. Criminal Trespass
- x. Forgery
- xi. Counterfeiting
- xii. Defamation

Suggested readings

Text Books

1. Ratanlal & Dhirajlal- Indian Penal Code
2. H.S. Gaur- Penal Law of India
3. P.S.A. Pillai- Criminal Law
4. S.N. Mishra-The Indian Penal Code
5. K.D. Gaur-The Indian Penal Code
6. William Glanville-A Textbook on Criminal Law
7. R.C. Nigam-Criminal Law

Essential Case Laws

1. Govinda's Case -(1876), Bom 342
2. State of A.P. v. R. Punnayya -1977 Cr LJ 1(SC)
3. K.M. Nanavati v. State of Moharashtra - 1962 (Bom) LR 488 (SC) -AIR 1962 SC 605
4. Bachan Singh v. State of Punjab (1980) 2 SCC 684
5. Shashi Nayar v. Union of India - 992 Cr LJ 514
6. Virsa Singh v. State of Punjab -AIR 1958 SC 465
7. Harjinder Singh v. Delhi Administration - AIR 1968 SC 867
8. Mahesh Balmiki v. State of M.P. - 2000 (1) SCC 319
9. Tukaram v. State of mahrashtara - AIR 1979 SC 185
10. State of Punjab v. Gurmit Singh - AIR 1996 SC 1393
11. Bodhisattwa Gautam v. Miss Subhra Chakrabarty - AIR 1996 SC 922 45
12. Biswanath Mallick v. State of Orissa - 1995 Cr LJ 1416 (ori)
13. State OF MADRASv. Vardarajan -AIR 1965 SC 942
14. State of Haryana v. Raja Ram -AIR 1973 SC 819
15. Vishwanath v. State of U.P. -AIR 1960 SC 67
16. State of HP v. Nikku Ram - 1995 Cri LJ 4184 (SC)
17. P. Rathinam v. Union of India - AIR 1994 SC 1844
18. Gian Kaur v. State of Punjab -AIR 1996 SC 946
19. State v. Lekhraj -2000 (1) SCC 247
20. Sikhar Behera v. State of Orissa -1993 Cr LJ 3664
21. Dhananjai v. State of U.P. -AIR 1996 SC 556
22. Shanti v. State of Haryana
23. State of Kerela v. Mathai Verghese -(1986) 4 SCC 746

Semester-IV

BBM-404

Subject: Human Resources Management

Credits: 04

Minimum Lectures: 40

Course Objective

The objective of this course is to familiarize the student with a broad perspective on themes and issues of Human Resource Management along with their relevance and application in the Indian prospective. It will help the students to build up and refine decision-making skills so that they can help organizations effectively.

Course Outcomes

After completing this course, students will be able to:

1. Understand the skills set required for today's HR professionals.
2. Understand the importance of staffing decisions including recruitment and selection.
3. Understand, implement and evaluate different types of training methods.
4. Differentiate between performance and potential appraisal.
5. Know the common HR practices.

Module I

(Lectures - 10)

Overview of HRM

- i. Introduction: Concept, nature, scope, objectives and importance of HRM.
- ii. Evolution of HRM; Challenges of HRM.
- iii. Personnel Management vs HRM.
- iv. Strategies for the New Millennium: Role of HRM in strategic management; Human capital; Emotional Quotient; Mentoring; ESOP.

Module II

(Lectures - 10)

Human Resource Planning

- i. Acquisition of Human Resources: HR Planning.
- ii. Job analysis - Job description and job specification.
- iii. Recruitment - sources and process; Selection Process - tests and interviews; Placement and Induction.
- iv. Job Changes - transfers, promotions/demotions, separations.
- v. Discipline and Grievance Procedures: Definition, Grievance Handling Procedure.

Module III

(Lectures - 8)

Training & Development

- i. Training and Development: Concept and importance of training.
- ii. Types of training; methods of training.
- iii. Design of training programme; evaluation of training effectiveness.
- iv. Executive development -process and techniques; career planning and development.

Module IV

(Lectures - 12)

Performance Appraisal & Compensation

- i. Compensation and Maintenance: Compensation: job evaluation - concept, process and significance.

- ii. Components of employee remuneration - base and supplementary.
- iii. Performance and Potential appraisal - concept and objectives.
- iv. Traditional and modern methods, limitations of performance appraisal methods.
- v. 360 degree appraisal technique.

Suggested Readings

- 1. Rao, V.S. P. (2004), Human Resource Management, Test and Cases, Excel Books.
- 2. Aswathappa, K. (2003), Human Resource and Personnel Management (Text and Cases), Tata McGraw Hill Publishing Company, New Delhi
- 3. Chhabra, T. N (2003), Human Resource Management; Dhanpati Rai and Co. Pvt. Ltd New Delhi.
- 4. Flippo, Edwin B., Personnel Management, Tata McGraw Hill, latest edition.
- 5. Desler, Gary, Human Resource Management, Prentice Hall, latest edition.
- 6. D' Cenzo, David, A & Stephen P. Robbin, Personnel Human Resource Management, Prentice Hall of India, latest edition.

Semester-IV

BBM- 405

Subject: Marketing Management

Credits: 04

Minimum Lectures: 40

Course Objectives

Marketing is one of most frequently used word in business words list but perhaps not fully understood by the common man. Most people tend to confuse it with sales or see it as a function of selling only. Sometimes it is said that by intelligent marketing technique, the average product can be sold. Thus marketing management is core function of the organization. The course aims at making students understand concepts, philosophies, processes and techniques of managing the marketing operations of a firm.

Course Outcomes

After completing this course, students will be able to

1. Comprehend basic marketing concepts and the marketing environment.
2. Understand various planning and pricing strategies.
3. Understand and Analyzing Business/ Consumer Markets.
4. Develop understanding of various promotion and advertisement techniques.
5. Understand various functions of intermediaries.

Module I

(Lectures - 8)

Introduction to Marketing

- i. Meaning, Nature and Scope of Marketing, Marketing Philosophies, Marketing Management Process, Concept of Marketing Mix,
- ii. Market Analysis: Understanding Marketing Environment, Consumer and Organization Buyer Behavior, Market Measurement; Market Segmentation, Targeting and Positioning.

Module II

(Lectures - 10)

Product Planning and Pricing

- i. Product Concept; Types of Products; Major Product Decisions; Product Life Cycle, New Product Development Process;
- ii. Pricing Decisions; Determinants of Price; Pricing Process, Policies and Strategies.

Module III

(Lectures - 10)

Promotion and Distribution decisions

- i. Communication Process; Promotion Tools-Advertising, Personal Selling, Publicity and Sales Promotion;
- ii. Distribution Channel Decisions-Types and Functions of Intermediaries, Selection and Management of Intermediaries.

Module IV**(Lectures - 10)****Marketing Organization and Control**

- i. Concept of marketing planning and control, Emerging Trends and Issues in Marketing - Consumerism,
- ii. Rural Marketing,
- iii. Social Marketing;
- iv. Direct and Online Marketing,
- v. Green Marketing.

Suggested Reading

- 1. Kotler, Philip. (2003), Marketing Management: Analysis, Planning, Implementation &Control, Prentice Hall of India.
- 2. Michael, J. E., Bruce, J. W. and Williom, J. S. (2004). Marketing Management, Tata McGraw Hill, New Delhi. 13th Edition
- 3. Louis E. Boone and David L. Kurtz (2001). Contemporary Marketing. Harcourt Collye Publishers.
- 4. Douglas, J. Darymple & Leonard J. Parsons (2002). Marketing Management: Text and Cases. Seventh Edition, John Wiley and Sons.
- 6. Pride, William, M., and O.C. Ferrell (2005). Marketing: Concepts and Strategies. Biztantra, New Delhi;
- 7. Evans Joel R&Berman Berry;Marketing,8th edition,Biztantra,2003
- 8. Stanton William J - Fundamentals of Marketing (TATA Mc Graw Hill)
- 9. Etzel M.J., Walker B.J. and Stanton William J - Marketing concept & Cases special Indian Edition (Tata Mc Graw Hill, 13th Edition).

Semester-IV

BBM-406

Subject: Financial Management

Credits: 04

Minimum Lectures: 40

Course Objectives

Efficient management of a business enterprise is closely linked with the efficient management of its finances. Accordingly, the objective of the course is to acquaint the students with the overall framework of financial decision-making in a business unit.

Course Outcomes

After completing this course, students will be able to:

1. Understand the importance of management of finance in a firm.
2. Understand the internal and external financial decisions to be made by finance managers.
3. Critically analyze the financial positions of business houses with a logical reasoning.
4. Develop analytical skills to take optimal financial decisions by integrating the concepts of finance, accounting and statistics.

Module I

(Lectures - 10)

Financial Management- An Introduction

Financial Management:

- i. Meaning, Scope, Objectives of Financial Management
- ii. Profit Vs Wealth Maximization
- iii. Financial Management and other Areas of Management
- iv. Liquidity Vs Profitability
- v. Methods of Financial Management
- vi. Organization of Finance
- vii. Functions of Finance

Sources of Financing:

- i. Classification of Sources of Finance
- ii. Security Financing
- iii. Loan Financing
- iv. Project Financing
- v. Loan Syndication- Book Building

New Financial Institutions and Instruments:

- i. Depositories
- ii. Factoring
- iii. Venture Capital
- iv. Credit Rating
- v. Commercial Paper
- vi. Certificate of Deposit.

Module II **(Lectures - 10)****Money Valuation and Capital Structure****Concept in Valuation:**

- i. Time Value of Money
- ii. Valuation Concepts
- iii. Valuation of Securities viz., Debentures, Preference shares and Equity Shares

Capital Structure:

- i. Meaning, Capital Structure and Financial Structure
- ii. Patterns of Capital Structure
- iii. Optimum Capital Structure, Capital Structure Theories
- iv. Factors Determining Capital Structure
- v. Capital Structure Practices in India.

Cost of Capital:

- i. Concept, Importance
- ii. Classification and Determination of Cost of Capital.

Leverages:

- i. Concept
- ii. Types of leverages and their significance.

Module III **(Lectures - 10)****Capital Budgeting & Risk Analysis****Capital Budgeting:**

- 1. Concept and Importance
- 2. Appraisal Methods:
 - i. Payback period
 - ii. DCF techniques
 - iii. Accounting rate of return
 - iv. Capital Rationing

Risk Analysis

- 1. Concept of Risk
- 2. Incorporation of Risk Factor
- 3. General Techniques:
 - i. Risk adjusted discount return
 - ii. Certainty equivalent coefficient
- 4. Quantitative Techniques:
 - i. Sensitivity analysis
 - ii. Probability assignment
 - iii. Standard deviation
 - iv. Coefficient of variation.

Module IV**(Lectures - 10)****Working Capital Management & Dividend Theories****Working Capital Management:**

- i. Concept
- ii. Management of Cash
- iii. Management of Inventories
- iv. Management of Accounts Receivable and Accounts Payable
- v. Over and Under Trading

Dividend, Bonus and Rights:

- i. Concepts of Dividend
- ii. Bonus
- iii. Rights
- iv. Dividend Policy
- v. Relevance and Irrelevance
- vi. Corporate Dividend Practices in India.

Suggested Readings

1. Maheshwari S.N. (2004), Financial Management: Principles and Practice, Sultan Chand & Sons,9th Edition.
2. Khan M.Y, Jain P.K. (2001), Financial Management, Tata McGraw Hill, 3rd Edition.
3. Pandey I. M. (2003), Financial Management, Vikas Publishing House, Revised Ed.

Semester V

Semester V

LB 501

Credits: 4

Subject: Jurisprudence - I

Minimum Lectures: 40

Course objective

The course aims at developing an analytical approach to understand the nature of law, development of law and working of a legal system in different dimensions with reference to popular legal theorists.

Course outcome

After the completion of this course, the students will be:

1. Having an understanding of major schools of legal theory which have influenced the development of Western legal tradition and the Indian legal system.
2. Prepare and present cogent arguments both orally and in writing and make productive contributions in providing critical analysis of problems and questions.

Module I

(Lectures-08)

Introduction

- i. Nature and scope of Jurisprudence
- ii. Need for study of Jurisprudence
- iii. Linkage between Jurisprudence and other sciences

Module II

(Lectures-12)

Schools of Jurisprudence - I

- i. Natural Law
- ii. Analytical positivism,
- iii. Pure Theory
- iv. Historical Jurisprudence

Module III

(Lectures - 11)

Schools of Jurisprudence - II

- i. Sociology Jurisprudence
- ii. Economic Approach
- iii. Legal Realism

Module IV

(Lectures- 09)

Indian Perspectives in Jurisprudence

- i. Classical Approach
- ii. Medieval Influences
- iii. Modern Trends

Suggested Readings

Text books

1. R.W.M. Dias, Jurisprudence
2. Prof. (Mrs.) Nomita Aggarwal , Jurisprudence (Legal Theory)
3. B.N. Maini Tripathi, Legal Theory
4. Edger Bodenheimer, Jurisprudence

Course Objective

Family law is the special branch of law which deals with the personal life of every individual of society. The Course Cover areas of family law relating to the concept of Family. Evolution of family law and source of Hindu law and Muslim law, their school. The course also covers the institutions of marriage under both Hindu and Muslim law and grounds of matrimonial remedies. The course is designed to analysis and discuss the above issues of Hindu and Muslim law comparatively and separately both.

Course Outcomes

The student will be able to analyse various provision of Hindu and Muslim law, their sources, concept of marriage, and various matrimonial remedies available in case of a legal dispute under both Hindu and Muslim law and are able to develop social, moral and ethical values in family matters.

Module I **(Lectures: 10)**

1. Introduction of Family Laws
- i. What is family? Characteristics of family, Evolution of Family Law, What is family law?
Different personal law for different communities
- ii. Historical development of Hindu and Muslim Law, Codification of Hindu law
2. Sources of Hindu Law: Ancient Sources ó Shrutis & Smritis, Commentaries & Digest, Custom. Modern Sources ó Judicial Decisions, Legislations, Equity, Justice and Good Conscience
3. Sources of Muslim Law: Primary Sources ó Quran, Sunnat, Ahadis, Ijma, Qiyas.
Secondary Sources ó Custom, Judicial Decision, Legislation, Equity, Justice and Good Conscience

Module II **(Lectures: 10)**

- i. Schools of Hindu Law: Mitakshra School of Law and Dayabhaga School of law.
- ii. Schools of Muslim Law: Sunni school of law and Shia school of law
- iii. Application of Law: Who is a Hindu and who is a Muslim?

Module III **(Lectures: 10)**

1. Marriage under Hindu Law
- i. Nature of Hindu Marriage
- ii. Definition and Forms of Marriage
- iii. Degree of Prohibited relationship and Sapinda relationship
- iv. Grounds for Void & Voidable Marriage
- v. Registration of Marriage
2. Marriage under Muslim Law

- i. Nature of Muslim marriage
- ii. Kinds of marriage
- iii. Essentials of valid marriage
- iv. Conditions and impediments of Muslim Marriage
- 3. . Difference between Hindu & Muslim Marriage
- 4. . Distinction between Shia & Sunni Law of Marriage

Module IV

(Lectures: 10)

- i. Dissolution of Marriage: Judicial Separation & Restitution of Conjugal Rights
- ii. Dissolution of Marriage under Hindu Law: Theories of Dissolution of Marriage, Grounds of Divorce & Wife& Special Grounds for Divorce, Divorce by Mutual Consent, Irretrievable Breakdown of Marriage
- iii. Dissolution of Marriage under Muslim Law: Essentials of Talaq, Modes of Talaq, Judicial Separation under the Dissolution of Muslim Marriage Act, 1939, Distinction between Shia & Sunni Law of Divorce.

Suggested Readings

1. Ranganath Misra, Mayne& Treatise on Hindu Law & Usage (16 th ed., 2008)
2. Satyajeet A. Desai, Mulla Principles of Hindu Law, Vol. I & II (21 ST ed., 2010)
3. Poonam Pradhan Saxena, Family Law Lectures, Family Law II, (3 rd ed., 2011)
4. Paras Diwan and Peeyushi Diwan, Modern Hindu Law (20th ed., 2009)
5. Duncan M. Derrett, A Critique of Modern Hindu Law (1970)
6. M. Hidayatullah and Arshad Hidayatullah, Mulla, Principles of Mahomedan Law (19th ed., 1990)(reprint 2008)
7. Asaf A.A. Fyzee, Outlines of Muhammadan Law (5 th ed. 2008)
8. Tahir Mahmood, Fyzee& Outlines of Muhammedan Law.

Essential Case Laws

1. Dr. Surajmani Stella Kujur v. Durga Charan Hansdah, AIR 2001 SC 938 1
2. S. Nagalingam v. Sivagami (2001) 7 SCC 487 4
3. Bhaura Shankar Lokhande v. State of Maharashtra, AIR 1965 SC 1564 8
4. Lily Thomas v. Union of India, AIR 2000 SC 1650 12
5. Pinninti Venkataramana v. State, AIR 1977 AP 43 23
6. Asha Qureshi v. Afaq Qureshi, AIR 2002 MP 263 33
7. Court On Its Own Motion Lajja ... vs State, 2012 (193) DLT 61 37 08
8. Seema v. Ashwani Kumar (2006) 2 SCC 578 70
9. Kailashwati v. Ayudhia Parkash, 1977 C.L.J. 109 (P.& H.) 74
10. Swaraj Garg v. K.M. Garg, AIR 1978 Del. 296 85
11. Saroj Rani v. Sudarshan Kumar, AIR 1984 SC 1562 93
12. N.G. Dastane v. S. Dastane, AIR 1975 SC 1534 100
13. Samar Ghosh v. Jaya Ghosh, 2007 (3) SCJ 253 120
14. Bipinchandra Jaisinghbai Shah v. Prabhavati, AIR 1957 SC 176 141

15. Dharmendra Kumar v. Usha Kumar, AIR 1977 SC 2213 158
16. T. Srinivasan v. T. Varalakshmi, 1 (1991) DMC 20 (Mad.) 161
17. Hirachand Srinivas Managaonkar v. Sunanda, AIR 2001 SC 1285 168
18. Sureshta Devi v. Om Prakash, 1 (1991) DMC 313 (SC) 174
19. Chand Patel v. Bismillah Begum, 1 (2008) DMC 588 (SC) 225
20. Saiyid Rashid Ahmad v. Mt. AnisaKhatun, AIR 1932 PC 25 233
21. Shamim Ara v. State of U.P., 2002 Cr LJ 4726 (SC) 237
22. Masroor Ahmed v. Delhi (NCT) 2008 (103) DRJ 137 (Del.) 242
23. Ghulam Sakina v. Falak Sher Allah Baksh, AIR 1950 Lah. 45 255
24. A. YousufRawther v. Sowramma, AIR 1971 Ker. 261 259
25. Itwari v. Asghari, AIR 1960 All. 684 269
26. Danial Latifi v. Union of India (2001) 7 SCC 740 276
27. Noor Saba Khatoon v. Mohd. Quasim, AIR 1997 SC 3280 291

Semester-V

LB-503

Subject: Civil Procedure Code & Limitation Act

Credits: 4

Minimum Lectures 40

Course Objective

This paper is designed to study the importance of procedural law in civil matters. Its main object is to acquaint the students with the various stages through which a civil case passes through, and the connected matters. Civil Procedure Code is a procedural law which is applied of daily the courts and lawyers. Every law student should have knowledge of civil procedure when he goes out to practice as a lawyer. Though, it is true that one gains expert knowledge of civil procedure through experience. However, it is necessary to have a good understanding of the subject before one enters the profession. The course also includes law of limitation, which fixes a period within which a case has to be filed.

Course Outcomes

At the conclusion of the course, students will be able to:

1. Understand the fundamental principles of Civil Procedure Code.
2. Identify the stages of a civil lawsuit.
3. Read and apply a statutory provision or rule in civil proceedings.
4. Demonstrate familiarity with how to draft a document for submission to a court.
5. Recall and apply the law relevant to choosing a court and initiating and responding to a suit.
6. Analyse and canvass procedural issues arising from disputes such as parties, jurisdiction, forum, governing law and applicable rules.
7. Identify a lawyer's professional obligations at each stage in a civil suit.
8. Elucidate principles of Alternative Dispute Resolution.
9. Devise an appropriate course of action and apply appropriate court rules and procedures in the legal system to reach an expeditious resolution for a range of civil disputes.
10. Recognize the importance of accuracy, timeliness, and attention to detail in the legal profession.

Module I

(Lectures -10)

Introduction

- i. Definitions: Decree, Judgement, Order, Foreign Court, Foreign Judgement, Mesne Profits, Affidavit, Suit, Plaintiff, Written Statement
- ii. Important Concepts: Res Sub-Judice, Resjudicata, Restitution, Caveat, Inherent powers of court

Initial steps in a suit

- i. Jurisdiction and Place of suing
- ii. Institution of suit
- iii. Pleadings: Meaning, object, General rules
- iv. Plaintiff and written statement
- v. Amendment of pleadings

- vi. Discovery, Inspection and Production of Documents
- vii. Appearance and Non-appearance of Parties

Module II**(Lectures - 10)****Interim Orders**

- i. Commissions
- ii. Arrest before judgement
- iii. Attachment before judgement
- iv. Temporary Injunction
- v. Interlocutory orders
- vi. Appointment of Receiver
- vii. Security of costs

Suits in Particular Cases

- i. Suits by or against Government
- ii. Suits by Indigent persons
- iii. Interpleader Suit
- iv. Summary Procedure
- v. Suits relating to public nuisance

Module III**(Lectures - 10)****Judgement and Decree**

- i. Judgement : Essentials, Pronouncement, Contents, and Alteration
- ii. Decree : Essentials, Types, Drawing up of a decree, Contents of Decree

Execution

- i. Courts by which a decree may be executed
- ii. Questions to be determined by executing court
- iii. Payment under Decree
- iv. Application for Execution
- v. Modes of Execution
- vi. Stay of Execution

Module IV**(Lectures - 10)****Appeals**

- i. General provisions relating to appeals
- ii. Appeals from original decree
- iii. Appeals from appellate decrees
- iv. Appeals to the Supreme Court
- v. Appeals by Indigent persons

Reference, Review and Revision**The Law of Limitation**

- i. Limitation of Suits, Appeals and Application
- ii. Computation of Limitation

- iii. Acquisition of Ownership by Possession
- iv. The Schedule ó Period of Limitation

Act and Code

- i. The Code of Civil Procedure, 1908
- ii. The Limitation Act, 1963

Suggested readings

Text Books

1. Civil Procedure (CPC) with Limitation Act, 1963, EBC Publication, Justice C. K. Takwani
2. Code of Civil Procedure, EBC Publication,Suranjan Chakraverti, Justice M.L. Singhal, Bholeswar Nath
3. Code of Civil Procedure, Lexis Nexis Publication, M. P. Jain, revised by Dr. Medha Kolhatkar.
4. The Code of Civil Procedure (in 3 Vols.), Lexis Nexis Publication, Sir Dinshaw Fardunj Mulla, revised by Deepak Verma & C K Prasad
5. The Code of Civil Procedure, Central Law Publication, Dr. Avtar singh
6. The Code of Civil Procedure, Universal Law Publication, Dr. Sukumar Roy
7. The Code Of Civil Procedure, Allahabad Law Agency, Dr. T. P. Tripathi

Essential Case Laws

1. Topandas V/s Gorakhram, AIR 1964 SC 1348
2. Dhulabhai V/s State of H.P., AIR 1969 SC 78
3. Premier Automobile V/s Kamlakar, 1976 (1) SCC 496
4. Rajasthan State Road Transport Corp. V/s Krishna Kant - 1995 (5) SCC 75
5. Pandurang V/s Shantibai, AIR 1989 SC 2240
6. Workmen C.P. Trust V/s Board of Trustee, 1978 (3) SCC 119
7. Razia Begum V/s Anwar Begum, AIR 1958 SC 886 (895)
8. B.K.N. Pillai V/s P. Pillas, AIR 2000 SC 614
9. Sangram Singh V/s Election Tribunal, AIR 1955 SC 425
10. Martin Burn Ltd. V/s Banerjee, AIR 1958 SC 79
11. Dalpat V/s Prahlad., 1992 (1) SCC 719
12. Gujrat Battling Co. Ltd. Coca Cola Co., 1995 (5) SCC 545
13. Morgan Stanly V/s Kartick Das, 1994 (4) SCC 225
14. Bihari Chordhary V/s State of Bihar, 1984 (2) SCC 627
15. Raj Duggal V/s Ramesh Kumar, AIR 1990 SC 2218

Semester V

LB 504

Subject: Administrative Law

Credits -04

Minimum Lectures-40

Course Objective

The purpose of this paper is make students aware of various aspects of administrative law including quasi-legislative, quasi-judicial and other ministerial functions of administration and control thereof.

Course Outcome

1. The students will be able to identify, explain and apply the principles of administrative law covered in the course.
2. The students will be able to analyse and predict how unresolved or ambiguous administrative law questions could be resolved by the courts through an analysis of courts case law and the judicial method.

Module I

(Lectures- 10)

Evolution and Scope of Administrative Law

- i. Nature, Scope and Development of Administrative Law
- ii. Rule of law
- iii. Separation of powers and its relevance
- iv. Relationship between Constitutional law and Administrative Law
- v. Administrative Law vis-à-vis privatization
- vi. Classification of functions of Administration

Module II

(Lectures - 10)

Legislative Functions of Administration

1. Necessity and Constitutionality
2. Forms and requirements Control on legislative functions of Administration
 - i. Legislative
 - ii. Judicial
 - iii. Procedural
3. Sub-delegation

Module III

(Lectures-10)

Judicial Functions of Administration

1. Need for evolution of adjudicatory authority on administration
2. Nature of tribunals -Constitution, powers, procedures, rules of evidence
3. Administrative Tribunals
4. Principles of Natural Justice

- i. Rule against bias
- ii. Audi Alteram Partem iii. Reasoned decisions

Module IV

(Lectures - 10)

Administrative Discretion and Judicial Control of Administrative Action

- i. Administrative Discretion
- ii. Need and its relationship with rule of law
- iii. Constitutional imperatives and exercise of discretion
- iv. Judicial review of Administrative Discretion
- v. Doctrine of legitimate expectations
- vi. Judicial Control of Administrative Action

Suggested Readings

Text books

1. Principles of Administrative Law -M.P. Jain & S.N. Jain
2. Administrative Law -I.P. Massey

References

1. Administrative Law -Wade
2. Lectures on Administrative Law -C.K. Takwani
3. Administrative Law -S.P. Sathe

Essential Case Laws

1. Ram Jawaya v. State of Punjab (AIR 1955 SC 549)
2. Asif Hameed v. State of J & K (AIR 1989 SC 1899)
3. A.N. Parasoraman v. State of Tamil Nadu AIR 1990 SC 40, (Administrative discretion)
4. State of Punjab v. V.K. Khanna, AIR 2001 SC 343 (Mala fide exercise of power) State of
5. Bombay v. K.P. Krishnan AIR 1960 SC 1322 (irrelevant considerations)
6. ShrilekhaVidyarthi v. State of U.P. (AIR 1991 SC 537) (Reasonableness)
7. Delhi Laws Act case, AIR 1951 SC 332
8. Lachmi Narain v. Union of India AIR 1976 SC 714 (Modification)
9. A.V. Educational Society v. Govt. of A.P. Educational Department AIR 2002 AP
10. M/s Atlar Cycle Industry Ltd. v. State of Haryana (Legislative Control)
11. Govind Lal Chaggan Lal Patel v. The Agriculture Produce Market Committee (AIR 1976 SC 236) (Procedural Control)
12. Kiran Gupta v. State of U.P. (AIR 2000 SC 3299) (Delegated Legislation)
13. Indian National Congress (1) v. Institute of Social Welfare (AIR 2002 SC 2158)
14. A.K. Kraipak v. Union of India (AIR 1950 SC 150)
15. Hira Nath v. Rajendra Medical College (AIR 1973 SC 1260)
16. Maneka Gandhi v. Union of India (AIR 1978 SC 597)
17. S.N.Mukherjee v. Union of India(AIR 1990 SC1986)
18. Kumaon Mandal Vikas Nigam Ltd. v. Girja Shankar Pant (AIR 2001 SC 24) (Natural

Justice, Test of Bias)

19. State of U.P. v. Johrimal (AIR 2004 SC 3800) (Judicial Review) Johri Mal
20. Sayed Yakoob v. Radha Krishan (AIR 1974 SC 477) (Writ Jurisdiction)
21. Shri AnadiMuktaSadguru Trust v. V.R. Rudani (AIR 1989 SC 1607) (Mondemus) 48
22. R.K. Singh v. Union of India (AIR 2001 Delhi 12) (Mandemm)
23. Kanhaiya Lal Sethia v. Union of India (AIR 1998 SC 365) (Judicial review cannot be on policy matters)

BBM-505

Credits: 04

Subject: Business Ethics and Corporate Social Responsibility

Minimum Lectures: 40

Course Objectives

The basic objective of this course is to make the students realize the importance of values and ethics in business and acquaint them with the latest trends in corporate social responsibility.

Course Outcomes

After completing this course, students will be able to

1. Understand the basic concepts of values and ethics.
2. Understand how values and ethics are relevant in business world
3. Understand why CSR is important for corporate houses
4. Understand corporate governance and its pillars.

Module I

(Lectures - 10)

Overview of CSR

- i. Evolution, Need for CSR; Theoretical perspectives.
- ii. Corporate citizenship; Business practices; strategies for CSR; challenges and implementation.
- iii. Social responsibility of a business firm.
- iv. Social responsibility of business stakeholders.

Module II

(Lectures - 10)

International Frame work for CSR

- i. International framework for corporate social responsibility.
- ii. Millennium development goals, Sustainable development goals.
- iii. CSR as a strategic business tool for sustainable development.

Module -III:

(Lectures - 10)

Corporate Ethics

- i. Business Ethics: Definition, Characteristics and Significance.
- ii. Ethical Theories and Approaches; Causes of Unethical Behavior; Ethical Principles; Levels and Types of Ethical Dilemmas, Cross-Cultural Ethical Dilemmas.
- iii. Values and Value Systems, Business Ethics in Indian Perspective.

Module IV

(Lectures - 10)

Corporate Governance

- i. Evolution of corporate governance; Governance practices and regulations.
- ii. Structure and development of boards
- iii. Role of capital market and government; Governance ratings.
- iv. Future of Governance & Innovative practices; Good corporate governance.

Suggested Readings

1. Hartman Laura P.& Chatterjee Abha, "Perspectives in Business Ethics", Tata McGraw Hill.
2. Velasquez, Manuel G., "Business Ethics : Concepts and Cases", PHI Publications.
3. Weiss Joseph W., "Business Ethics : Concepts and Cases", Cengage Learning.
4. Vasishth N. & Rajput N., "Corporate Governance Values & Ethics with Case Studies", Taxmann Publications.
5. Badi R.V & Badi N. V., "Business Ethics", Vrinda Publications.

Semester V

BBM-506

Credits: 04

Subject: Entrepreneurship Development and Small Businesses

Minimum Lectures: 40

Course Objectives

The course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in the field of entrepreneurship. The course aims to equip students with the basics of entrepreneurship and small scale businesses.

Course Outcomes

After completing this course, students will be able to

1. Understand the importance of entrepreneurs and SSIs in country like India.
2. Understand what problems are faced by an entrepreneur.
3. Understand the government policies regarding the promotion of entrepreneurs and small scale industries.
4. Understand that how an entrepreneur can seek financial help for his enterprise from agencies like NABARD, SIDBI.

Module I

(Lectures - 10)

Overview of Entrepreneurship

- i. Meaning, Definition and Concept of Enterprise, Entrepreneur and Entrepreneurship Development,
- ii. Evolution of Entrepreneurship in India, Role of Entrepreneurship in Indian economy and developing economies with reference to self-employment development.
- iii. Theories of Entrepreneurship, Traits and skills of entrepreneur.
- iv. Entrepreneurs Vs Professional Managers, Problems faced by entrepreneurs.

Module II : Environment Scanning & Women Entrepreneurship

(Lectures - 10)

- i. Entrepreneurial Development, Entrepreneurial Culture, Factors affecting Entrepreneurship in India,
- ii. Entrepreneur Vs. Intrapreneur, Social Enterprise and Entrepreneurship,
- iii. Significance and role of environment, Environmental analysis,
- iv. Women Entrepreneurship: Meaning, Characteristics/ features, Problems faced by women entrepreneurs in India, Measures taken for the development of women entrepreneurs in India.

Module III

(Lectures - 10)

Project Management and Small Scale Industries

- i. Project Management-Defining Business Idea, Search for business idea, Transformation of idea into reality, Business Planning Process, Project appraisal, Plant location and Plant layout.

- ii. Environmental Analysis - Search and Scanning, Identifying problems and opportunities
- iii. Small industry setup, Steps in starting a small industry, incentives and subsidies available, export possibilities
- iv. Types of organization: Sole proprietorship, partnership, joint stock company, co-operative organization, their merits & limitations.

Module IV

(Lectures - 10)

Institutional Support System for Entrepreneurship in India

- i. Role of Government-Role of Central Government and State Government in promoting Entrepreneurship, MSME policy in India.
- ii. Agencies for Policy Formulation and Implementation-District Industries Centers (DIC), Small Industries Service Institute (SISI), Entrepreneurship Development Institute of India (EDII), National Institute of Entrepreneurship & Small Business Development (NIESBUD), National Entrepreneurship Development Board (NEDB)
- iii. Agencies for Financial Support-Role of Commercial banks and financial institutions like SIDBI, NABARD, SFCs, and other NBFCs.

Suggested Readings

1. Joseph A. Schumpeter: The Entrepreneur: Classic Text, Springer
2. Peter Drucker : Innovation and Entrepreneurship, Wiley India
3. Brigitte Berger : The Culture of Entrepreneurship, ICS Press,
4. K. Nagarajan : Project Management, New Age Publication
5. Vasant Desai : Dynamics of Entrepreneurship Development, Himalaya Pub. House

Semester-VI

Semester-VI

LB-601

Subject: Jurisprudence - II

Credits: 4

Maximum Lectures: 40

Course Objective:

The objective of the course is to create an understanding of basic legal concepts like state, sovereignty, rights, possession, ownership, liability, which are basic to the study of law.

Course Outcome:

After the completion of the course, the student should be able to:

1. Critically analyse the relationship between the law and society.
2. Reflect upon the significance of the rights and justice to the operation of law.
3. Contribute in the critical analysis of problems and issues.

Module-I

State, Sovereignty and Law

(Lectures: 08)

- i. Nature and functions of a State and its relationship with law
- ii. Nature and development of Sovereignty
- iii. Nature and kinds of law and theories of justice

Module-II: Sources of Law

(Lectures: 09)

- i. Custom
- ii. Precedent
- iii. Legislation (Emphasis on Indian perspective)

Module - III : Concepts of Law

(Lectures- 12)

- i. Rights and Duties
- ii. Personality
- iii. Possession
- iv. Ownership and Property

Module-IV Principles of Liability

(Lectures - 11)

- i. Liability
- ii. Negligence
- iii. Absolute Liability
- iv. Immunity

Suggested Readings

Text books:

1. R.W.D. Dias, Jurisprudence
2. Prof.(Mrs.) Nomita Aggarwal, Jurisprudence (Legal Theory)

3. V.D. Mahajan-Jurisprudence and Legal Theory

Semester-VI

LB-602

Credit: 4

Subject: Family Law II

Minimum Lectures: 40

Course Objective

The course is designed in such a way that it covers legal aspects of family law like Maintenance after separation, Adoption and Guardianship and statutory provisions relating to them. It also discusses the most important concept of Hindu Law that is of joint Hindu Family and partition and the concept of Karta. The course covers the issue relating to religious endowments, waqf and preemption and their social, religious and statutory provisions.

Course Outcome

As law students they will be able to understand the legal or statutory provisions relating to maintenance, Adoption and Guardianship they will be able to solve disputes of joint Hindu family by reading the above course. They will also understand the legal solutions to some very sensitive disputes relating to religious endowments, waqf and preemption.

Module – I: Maintenance, Adoption and Guardianship

(Lectures: 10)

- i. Maintenance under Hindu Law: Provisions under the Hindu Marriage Act, 1955, Provisions under the Hindu Adoption & Maintenance Act, 1956, Provisions under the Cr.P.C, 1973.
- ii. Maintenance under Muslim Law: Maintenance to Muslim Wife, Divorced Wife& Right to Maintenance under Muslim Women (Protection of Rights on Divorce) Act, 1986, Maintenance to Muslim Children.
- iii. Adoption under Hindu Law: Who may adopt, who may give in adoption and who can be adopted, Ceremonies of Adoption & Effects of Adoption, Relationship of Adopted Child & Proof of Adoption
- iv. Guardianship of personó Natural, Testamentary and Guardian appointed by court, Guardianship of minors property, Defacto Guardian, Guardianship under Muslim Law, Meaning, Appointment and Removal of Guardianship, Kinds of guardianship-guardianship in marriage, person and property.

Module – II Joint Hindu Family and Partition

(Lectures: 10)

1. Joint Hindu Family

- i. Concept of joint Hindu family and coparcenary under Mitakshara and Dayabhaga law and their incidents
- ii. Concept of Karta- position and power
- iii. Judicial and Legislative Trends- Position Before 2005
- iv. Daughter as a Coparcener ó Position After 2005
- v. Property in Hindu Law

2 . Partition

- i. Meaning, division of right and division of property

- ii. Persons who have a right to claim partition and who are entitled to a share
- iii. Partition how effected and suit for partition
- iv. Re-opening of partition and Re-union
- v. Points of similarity and distinction between the Mitakshara and the Dayabhaga Laws

Module III **(Lectures: 12)**

1. . Hindu Succession Act, 1956

- i. Intestate Succession
- ii. Succession to a Hindu Male: Heirs of a Hindu male, Class I Heirs and their Shares, Class II Heirs and their Shares, Agnates and cognates
- iii. Succession to property of a Hindu Female: Property inherited from Father or Mother, Property inherited from Husband or Father in Law
- iv. General rules of Succession: Full-blood preferred to half-blood, Mode of succession of two or more heirs, Right of a child in the womb, Disqualifications.

2. Muslim Law

- i. Law Relating to Gifts (Hiba):Definition of gift, Meaning and essentials of a valid gift, Kinds of gifts, Subject matter of gift and Revocation of a gift.
- ii. Law relating to Wills: Capacity to make a will, Subject matter of a will, To whom will can be made, abatement of legacies, Limitations on the power of legator to make will, Doctrine of Marz-ul-maut and Revocation of the wills.
- iii. Law relating to Inheritance: General principles of inheritance of Sunnis and Shias,Competence to inherit, Classification of heirs and entitlement of primary heirs

Module- IV **(Lectures: 08)**

1. . Endowments

- i. Meaning, kinds and essentials of a religious endowment
- ii. Math - Kinds, Powers and obligations of Mahant and Shefai
- iii. Removal and replacement of Idol

2. Waqf

- i. Meaning, Kinds, Rights and Characteristics
- ii. Advantages and disadvantages

3. . Objects and purpose

- i. Mosques - objects, kind, requisites
- ii. Methods of creation of waqf

4. Pre-emption: Origin, Definition, Classification, Subject matter, formalities, effects, constitutional validity

Suggested Reading:

1. Paras Diwan, Modern Hindu Law, Allahabad Law Agency, 1993
2. Mulla, Principles of Hindu Law, Lexis Nexis, 2007
3. A.A. Fyzee, Outlines of Mohammadan Law, Oxford University Press, 1974
4. Afzal Qutb, A Treatise on Faith Oriented Family Norms, 1990
5. Kusum, Marriage and Divorce Law Manual, Universal Law Publishing Co. Pvt.Ltd.,2000
6. M. Gandhi, Family Law, Eastern Book Company, 2012

Semester-VI

LB-603:

Credit:04

**Criminal Procedure Code, Juvenile Justice And
Probation of Offenders Act**

(Minimum Lectures: 40)

Course Objective

The Criminal Procedure code was enacted many years ago. It has undergone many changes. It is too enormous for classroom discussion. But the students should have a fair idea about how the code works as a main spring of the criminal justice. With this perspective the course is designed to make the student understand how the Criminal Procedure code controls and regulates the working of the machinery set up for the investigation and trial of offence.

Course Outcome

This course is designed to create among the students:

1. Distinguish between criminal procedural law and substantive law;
2. Evaluate the structure, hierarchy and working of criminal courts in India;
3. Comprehend the role of functionaries like the Police, Magistrates, Courts, etc.
4. Analyze important concepts like 'Offence', 'Charge', 'Bail', 'Examination of Witnesses', 'Appeals' etc.
5. Describe the basic procedures relating to FIRs, Complaint, Police Report, Inquiry, Search and Seizure, etc.;
6. Explain different kinds of Trials such as warrant case, summons case, and summary and their respective stages;
7. Assess provisions regarding the maintenance of wife, children and parents under the Cr.P.C;
8. Critically analyze the overall Criminal Prosecution Procedure in India.

Module I – Introduction

(Lectures - 10)

- i. Constitution of Criminal Courts and their Powers
- ii. Arrest of Persons and the Rights of Arrested Persons
- iii. Information to the Police and their Powers to Investigate
- iv. Cognizance of Offences by the Magistrate and Court of Sessions.
- v. Complaints to Magistrates and Commencement of Proceedings before Magistrates.
- vi. The Charges :
 - a) Forms of Charges
 - b) Joinder of Charges

Module II - Trials of the Cases

(Lectures - 10)

- i. Sessions Trial
- ii. Warrant Trial
 - (i) Cases Instituted upon a Police Report
 - (ii) Cases Instituted Otherwise than on a Police Report
 - (iii) Conclusion of Trial
- i. Summons Trial by Magistrates

ii. Summary Trial

Module III - Bails And Bonds

(Lectures - 10)

- i. Provisions as to Bails and Bonds
- ii. Maintenance of Wives and Children
- iii. Security for Keeping Peace and Good Behaviour
- iv. Maintenance of Public Order and Tranquility
- v. Dispute as to Immovable Property

Module IV: The Juvenile Justice Act and Probation of Offenders Act **(Lectures - 10)**

The Juvenile Justice Act, 2015:

- i. Preliminary (Short Title, Extent and Commencement, Definition, Continuation of Inquiry in Respect of Juvenile, who has Ceased to be Juvenile).
- ii. Competent Authorities and Institutions for Juveniles
- iii. Child in Need of Care and Protection
- iv. Child in Conflict with Law
- v. Procedures of Competent Authorities Generally, and Appeals and Revision from Orders of such Authorities.
- vi. Special Offences in Respect of Juveniles.

Probation of Offenders Act, 1958

A Critical Study of the Act vis-a-vis the Provisions of Criminal Procedure Code.

Suggested Readings :

1. Kelkar, R.V. - Code of Criminal Procedure
2. Lal, Ratan & Lal, Dhiraj - Code of Criminal Procedure
3. Mishra, S. N. - Code of Criminal Procedure
4. Kelkar, R. V. - Lecturers on Code of Criminal Procedure
5. Bare Acts - Code of Criminal Procedure, 1973
6. Takwani, C. K. - Criminal Procedure
7. Sarkar, S. - Code of Criminal Procedure Vol. 1 & 2
8. Basu, D.D. - Criminal Procedure Code
9. Mulla&s - The Code of Criminal Procedure 1973
10. . The Code of Criminal Procedure, 1973
11. The Indian Evidence Act
12. The Indian Penal Code
13. The Juvenile Justice Act, 2015
14. Probation of Offenders Act, 1958

Leading Case laws :

1. Satwinder Kaur v. State, AIR 1999 SC 3596
2. Mathuralal v. Bhawarlal & Anr., AIR 1980SC 242
3. Mohd. Ahmed Khan v. Shah Bano, (1985) 2 SCC 556
4. Daniel Latifi v. Union of India, (2001) 7 SCC 740

5. Savitaben Somabhai v. State of Gujarat, AIR 2005 SCI 1809
6. Khatoon Nisa v. State of U.P., (2002) 7 JT (SC) 631
7. Shabana Bano v. Imran Khan, (2010) 1 SCC 666
8. Chaturbhuj v. Sitabai, 2008 Cr. L.J. 727
9. Siddharam Satlingappa Mhetre v. State of Maharashtra and Ors., A.I.R. 2011 SC 312
10. Madhu Limaye and Anr. v. S.D.M. Monghyr and Ors., A.I.R. 1971 SC 2486
11. Shivjee Singh v. Nagendra Tiwary & Ors., AIR 2010 SC 2261
12. Lalita Kumari v. State of U.P., 2014 Cri. L.J. 1
13. Ranjit Singh & Ors. v. State of Madhya Pradesh, JT 2010 12SC 167
14. Sarwan Singh Rattan Singh v. State of Punjab, AIR 1957 SC 637
15. Central Bureau of Investigation v. Anupam J. Kulkarni, AIR 1992 SC 1768
16. State (NCT) v. Navjot Sandhu, (Parliament Attack Case), 2005 Cri. L.J. 3950
17. Sajjan Kumar v. C.B.I. (Arising out of S.L.P. (Crl.) No. 6374 of 2010)
18. Dalbir Singh v. State of U.P., 2004 Cri. L. J. 4552
19. State of Andhra Pradesh v. Cheemalapati Ganeshware Rao, AIR 1963 SC 1850
20. Zahira Habibullah H. Sheikh v. State of Gujarat, 2004 (4) SCALE 375 (Best Bakery case)
21. Paramjeet Singh v. State of Uttarakhand, JT 2010 (10) SC 260
22. Sans Pal Singh v. State of Delhi, (1998) 2 SCC 371

The students are required to go through recent cases on the topics given under the syllabus.

Semester-VI

**LB-604
Law of Evidence**

**Credit: 04
(Minimum Lectures: 40)**

Course Objective

To provide learners with detailed knowledge and skills in the rules of evidence and procedure as they apply to civil and criminal trials as might be relevant to a person working in a legal office, an insurance company or associated fields in the public or corporate sectors. Knowledge of the rules of evidence will enable analysis and evaluation of evidence available in connection with the preparation of a case for trial.

Course Outcome

This course is designed to create among the students:

1. Analyse and define the concept and general nature of evidence, and illustrate the different types of evidence and court procedures relating to evidence.
2. Define the term «evidence» and illustrate its general nature. Analyse the different types of evidence with reference to: real, oral, direct, circumstantial, original, hearsay, primary, secondary, documentary.
3. Specify the standard of proof in civil and criminal cases.
4. Determine and analyse the standard of proof and burden of proof in civil and criminal cases, and specify types of presumptions.
5. Analyse and evaluate the rules governing examination in chief, cross examination and re-examination, and establish the procedures in the conduct of a civil or criminal trial
6. Determine the rules relating to competence and compellability of witnesses in relation to case study material.

Module I - Introduction, Definitions and Relevancy of Facts

(Lectures - 10)

- i. Nature, Scope and background of Law of Evidence, *lex fori*
- ii. Definitions - Evidence, Relevant, Fact, Fact-in-issue, Documents, May Presume, Shall Presume, Conclusive Proof, Proved, Disproved, Not Proved
- iii. Doctrine of *res gestae*
- iv. Evidence of Conspiracy - Relevancy of otherwise irrelevant facts- Facts to prove right or custom - Facts concerning state of mind/state of body or bodily feelings
- v. Relevancy and admissibility of admissions, evidentiary value of admissions

Module II - Confession, Dying Declaration, Expert Opinion

(Lectures - 10)

- i. Relevancy and admissibility of confessions- Admissibility of information received from an accused person in custody- Confession of co-accused
- ii. Dying declaration - Justification for relevance - Judicial standards for appreciation of evidentiary value with reference to English Law -Other statements by persons who cannot be called as witnesses.

- iii. Relevancy of Statement under special circumstances.
- iv. Relevancy of Judgment of Courts, Expert's Opinion and Character

Module III - Oral and Documentary Evidences, Presumptions **(Lectures - 10)**

- i. Oral Evidence - Admissibility and General Principles concerning Oral Evidence.
- ii. Documentary Evidence-General principles concerning documentary Evidence, Primary Evidence and Secondary Evidence.
- iii. Exclusion of Oral Evidences by Documentary Evidence.
- iv. Presumptions, Ambiguities in the documents

Module IV: Burden of Proof, Witnesses and Evidences in the Electronic Form

(Lectures - 10)

- i. Burden of Proof - The general conception of *onus probandi*.
- ii. General and special exception to *onus probandi*.
- iii. Estoppel and Privileged Communications.
- iv. Witness, Examination and Cross Examination Competence to testify.
- v. General principles of Examination-in-Chief, Cross Examination and Re-Examination of Witness - Leading questions - Accomplice's testimony - Hostile witnesses - Compulsion to answer questions - Questions of corroboration
- vi. Improper admission of evidence.
- vii. Provisions of Law Relating with Evidence in Electronic Form.

Suggested Readings:

- | | | |
|-------------------------------|---|------------------------------------|
| 1. Batuk Lal | - | Law of Evidence |
| 2. Lal, Ratan and Lal, Dhiraj | - | The Law of Evidence |
| 3. Singh, Avtar | - | Principle of the Law of Evidence |
| 4. Sarathi, Vepa P. | - | Law of Evidence |
| 5. Friedman, Richard D. | - | Wigmore on Law of Evidence |
| 6. Monir, M. Chief Justice | - | The Law of Evidence (In 2 Volumes) |

Essential Case Laws:

1. Queen Empress v. Abdullah, (1887) 7 All, 385 (F.B.)
2. Sat Paul v. Delhi Administration, AIR 1976 SC 303
3. Rattan v. Reginam, (1971) 3 All ER 801
4. Nishi Kant Jha v. State of Bihar, 1959 SCR 1033
5. R. M. Malkani v. State of Maharashtra, A.I.R 1973 SC 157
6. Pakala Narayan Swami v. The King Emperor, A.I.R. 1939 PC 47
7. Barendra Kumar Ghose v. Emperor, ILR (1910) 37 Cal 467
8. Palvinder Kaur v. State of Punjab, AIR 1952 SC 354
9. Chilkuri Venkateshwarlu v. Venkatnarayana, A.I.R 1954 SC 176
10. Syed Abdul Khader v. Rami Reddy, A.I.R 1979 SC 553

The students are required to go through recent cases on the topics given under the syllabus.

Semester-VI

**LB-605
BUSINESSLAW**

**Credits- 04
(Minimum Lecture: 40)**

Course Objective

This paper is designed to provide the students with knowledge of the legal environment in which a consumer and business operates and understanding about the important statutes governing transfer of property in goods and negotiable instruments.

Course Outcome

On completion of course of Business Law:

1. The students will be able to understand the relevance of business law to individuals and businesses and the importance of role of law in an economic, social and political context.
2. The students will be able to identify the fundamental legal principles behind the business agreements.
3. The students will be able to understand the relationship of ethics and law in business.
4. The Students will be able to learn how to communicate effectively using standard business and legal terminology.

Module- I: Sale of Goods Act, 1930

(Lectures - 10)

- i. Definition and essentials of sale
- ii. Define Goods and different kind of goods
- iii. Difference between contract of Sale and agreement to sell
- iv. Implied Conditions and Warranties in a contract of sale
- v. Passing of property
- vi. Rule of Nemo dat quod non habet and its Exceptions
- vii. Performance of Contract

Module -II: Sale of Goods Act: Right of parties and remedies

(Lectures – 10)

- i. Unpaid Seller:
- ii. Meaning and Definition
- iii. Rights of Unpaid Seller
- iv. Rights to Lien
- v. Rights to stoppage in transit
- vi. Right to resale
- vii. Remedies for breach of contract

Module- III: Negotiable Instruments Act 1881

(Lectures- 10)

- i. Definition and Essential kinds of Negotiable Instruments
- ii. Holder and holder in Due Course: Definition of holder and holder in due course, rights and privileges of a holder in due course of a negotiable instrument

iii. Negotiation and Assignment

Module- IV: Negotiable Instruments Act: Presentation and Liability

(Lectures- 10)

- i. Presentation of Negotiable Instruments
- ii. Crossing of Cheques
- iii. Discharge from Liability
- iv. Noting and Protest
- v. Dishonour of Negotiable Instruments: non-acceptance, non-payment, notice of dishonour

Suggested Readings

1. Avtar Singh -Sale of Goods
2. Mulla - Negotiable Instruments Act
3. R k Bangia- Sale of Goods Act
4. R. K. Bangia- Negotiable Instruments Act
5. P.S. Atiyah, Sale of Goods
6. Bhashyam and Adiga -Law of Negotiable Instruments
7. B.M. Prasad and Manish Mohan, Khergamvala - Negotiable Instrument Act
8. Pollock &Mulla: The sales of Goods Act
9. Avtar Singh- Introduction to Law of Negotiable Instruments

Essential Case Laws:

1. Commissioner of Income Tax Vs Motor and General Store (P) Ltd AIR 1968 SC 200.
2. Aluminium Industries Ltd. Vs Minerals and Metal Trading Corporations AIR 1998 mad 239.
3. Elphick Vs Barnes (1880) 5CPD 321:49 LTCP 698.
4. Orissa Textile MillsLtd. Vs Ganesh Das AIR 1961 Pat 107
5. National Coop Sugar Mills Ltd Vs Albert & Co. (1981) 2 MLJ 343.
6. Andrews Vs Singer & Co. Ltd, (1934) 1KB 17.
7. Eduljee Vs Café John Bros. AIR 1943 Nag. 249 IC 356.
8. Telu Ram Jain Vs M/s Aggarwal Sons, AIR 1991 P.& H 140.
9. DulichandLaxminarayan Vs Commissioner of Income Tax 1956 29 TLR 535.
10. Cox Vs Hickman (1860) 8 HLC 268.

Semester-VI

BBM-606

Subject: STRATEGIC MANAGEMENT

Credits: 04

(Minimum Lectures: 40)

Course Objectives

The objective of this course is to give understanding of the basic concepts and issues in strategic management and their application in business decisions. The course aims to acquaint the students with the nature, scope and dimensions of business policy and strategic management process.

Course Outcomes

After completing this course, students will be able to:

1. Understand the meaning and need of strategic management.
2. Understand the complexities of strategic management.
3. Understand how the strategies are made.
4. Understand the role of environmental scanning and SWOT analysis while strategy making.

Module-I: Introduction to Strategic Management

(Lectures - 08)

- i. Strategic Management, Strategic Planning, Strategic Planning and Strategic Management.
- ii. Strategic Management Process
- iii. Formulation Phase: vision, mission, environmental scanning, objectives and strategy
- iv. Implementation Phase: strategic activities
- v. Basic Model of Strategic Decision Making.

Module-II: Environmental Analysis

(Lectures - 10)

- i. Need, Characteristics and categorization of environmental factors, Approaches to the environmental scanning process - structural analysis of competitive environment; ETOP a diagnosis tool.
- ii. Analysis of Internal Resources: Strengths and Weaknesses, Strategic Advantage Analysis; Value-Chain Approach to Internal Analysis Methods of Analysis and diagnosing
- iii. Corporate Capabilities - Functional Area Profile and Resource Deployment Matrix
- iv. Strategic Advantage Profile; SWOT Analysis.

Module-III: Formulation of Strategy

(Lectures - 12)

- i. Approaches to Strategy formation; Major Strategy Options - Stability, Growth and Expansion, Diversification, Retrenchment, Mixed Strategy.
- ii. BCG Model, GE 9 Cell, Stop-Light Strategy Model
- iii. Porter's Model: 5 Force and Porters Diamond Model, Strategic Choice.

Module-IV: Corporate Development **(Lectures - 10)**

- i. Stages of corporate development, Corporate Restructuring, Mergers & Acquisitions, Strategic Alliances.
- ii. Mc Kinsey's 7S Model, Organization Life Cycle.
- iii. Implementation, Strategic Evaluation and Control, Operational Controls and Strategic Controls.

Suggested Readings:

1. Carpenter-Strategic Management (Pearson)
2. Kazmi A. - Business Policy and Strategic Management (Tata Mc Graw Hill, 2nd Ed.)
3. Kachru - Strategic Management: (Excel Books)
4. Cliff Bowman - Business Policy and Strategy (Prentice Hall of India)
5. Trehan- Strategic Management (Wiley)
6. Mc Carthy D.J., Minichiello Robert J., and Curran J.R. - Business Policy and Strategy (AITBS)

Semester-VII

LB701

Credit -04

**Subject: Property Law Including Easement And
Indian Registration Act**

(Minimum Lectures -40)

Course Objective

The concept of property and the nature of property right are basic to the understanding of law relating to property. The objective of this paper is to focus on concept and classification of property as well as principles governing transfer of immovable property.

Course Outcomes

On completion of this course:

1. The students will be able to understand the most fundamental concept in property law including easement and registration.
2. The students will be able to appreciate the significance of property law from various perspectives including economic efficiency, underprivileged perspectives.
3. The students will be able to develop skills for applying technical rules of property transfer.

Module-I: General Principles Relating to Transfer of Property

(Lectures - 10)

- i. Interpretation Clause: Movable and Immovable property, Instrument, Attestation, Registration, Notice, Actionable claim
- ii. Difference between Movable and Immovable property
- iii. Meaning and elements of Transfer of property
- iv. What kinds of property can be transferred
- v. Restriction on alienation of property
- vi. Restriction on enjoyment of property
- vii. Transfer to an unborn person
- viii. Rule against perpetuity
- ix. Vested and Contingent interest
- x. Rule of Election

Module-II: General Principles Governing Transfer of Immovable Property

(Lectures10)

- i. Transfer by ostensible owner
- ii. Rule of feeding the grant by estoppel
- iii. Doctrine of Lis pendens
- iv. Fraudulent transfer
- v. Rule of part performance

Module III- Specific Transfers of Immovable Property

(Lectures-12)

1. Sale:

- i. Meaning and essentials,

- ii. Rights and liabilities of buyer and seller
- iii. Marshalling by subsequent purchaser

2. Mortgage:

- i. Meaning,
- ii. Essentials and kind of mortgage,
- iii. Right to redeem,
- iv. Right to foreclosure or sale
- v. Doctrine of marshalling and contribution
- vi. Doctrine of subrogation
- vii. Charge

3. Lease:

- i. Meaning and essentials,
- ii. Determination of Lease
- iii. Difference between lease & License

4. Gift:

- i. Meaning and essentials,
- ii. Gift how made
- iii. Onerous gift,
- iv. Universal done.

Module IV-Indian Easement Act& Registration Act

(Lecture- 08)

- i. Definition of Easements
- ii. Kinds of easement
- iii. Salient features of Registration Act
- iv. Main Provisions of Registration Act

Suggested Readings:

1. Dr. Avtar Singh- The Transfer of property Act
2. Dr. R K Sinha- The Transfer of Property Act
3. Mulla - Transfer of property
4. H.N. Tiwari - Transfer of property Act

References:

1. S.N. Shukla- Transfer of Property Act
2. Subba Rao- Transfer of Property Act
3. V.P.Sarathy- Transfer of Property
4. T.P.Tripathi- Transfer of Property Act
5. Dr. Poonam Pradhan Saxena ó Property Law
6. Veepa P. Sarathi- Law of Transfer of Property

Essential Case Laws:

1. Mohri Bibi Vs DharmadasGhose 1903 SCC.
2. Ram Gopal Vs Nand Lal AIR 1951 SC 139.

3. Sunrise Associate Vs Govt (NCT of Delhi) 2006 5 SCC 603.
4. Whitbey Vs Mitchell 1890 LR 44Ch D 85
5. Leake Vs Robinson 1817 2Mer 363:35 ER 979
6. Narsingh Rao Vs Mahalaxmi Bai 1928 SCC.
7. Twnye Case (1601)3 Co Rep 8ob:76 809.
8. Ramchand and Sons Sugar Mills Vs State of UP 1977 SCC
9. Bay Barry Apartments (P) Ltd Vs Shobha 2006 13 Scc
10. Amrit Kaur Vs Recovery Officer AIR 2012 NOC 418.

Semester-VII

LB-702: **Credit:04**
Public International Law including Conflict of Laws **(Minimum Lectures: 40)**

Course Objective

The Public International Law (PIL) Program introduces students to the principal treaties and case law within international law and calls upon them to consider the context at hand in factual situations. In order to be able to apply their knowledge to contemporary problems, students are given insight as to the interaction between international, regional, and national jurisdictions, the impact of non-legal systems such as politics and economics, and the consequences of fragmentation of international law into specialized sub-fields. Further students will be taught Conflict of Laws, also sometimes called Private International Law, is concerned with what happens in cases where not all of the facts are tied to one jurisdiction.

Course Outcome

This course is designed to create among the students:

1. Students attain in-depth knowledge of the sources of international law (treaties and customary international law), subjects of international law (identifying rights and obligations of States, IOs, NGOs, individuals), the institutional framework (UN, WTO, regional agencies, etc.) and dispute resolution framework (courts, arbitration tribunals, conciliation, as well use of sanctions and force).
2. Students address contemporary real world issues such as: how the rule of law is upheld at the international level, processes such as “internationalization of national law” and “constitutionalization of international law”.
3. Explain, summarise and apply the conflict of laws rules;
4. Apply the conflict of law rules to solve complex conflicts of laws problems in the form of a take-home exam.

Module- I **(Lectures - 10)**

Introduction

1. Definitions, Nature and Subjects of the International Law.
2. Relationship between International Law and Municipal Law
Theory: Monism, Dualism, Delegation & Specific Adoption Theories
3. Sources of International Law
 - i. Custom
 - ii. Treaties
 - iii. General Principles of Law Recognized by the Civilized States
 - iv. General Assembly Resolutions
 - v. Juristic Works
 - vi. Judicial Decisions

Module II – Extradition, Recognition and Asylum**(Lectures - 10)****1. Extradition**

- i. Definition & Purpose of Extradition
- ii. Extraditable Persons and Extraditable Crime
- iii. Rule of Specialty and Double Criminality

2. Recognition

- i. Meaning, Theories and Kinds of Recognition
- ii. *De facto* and *De jure* Recognition
- iii. Legal & Retrospective Consequences of Recognition
- iv. Withdrawal of Recognition

3. Asylum

- i. Meaning
- ii. Rights of Asylum
- iii. Types of Asylum

Module III - Law of Sea and State Succession**(Lectures - 10)****1. Law of Sea**

- i. Territorial Sea
- ii. Contiguous Zone
- iii. Continental Shelf
- iv. Exclusive Economic Zone
- v. High Sea

2. State Succession

- i. Definition, Kinds and Theories of State Succession
- ii. Consequences of State Succession
- iii. State Succession and Nationality
- iv. Succession in respect of International Organizations

3. Space Law:

- i. Nature, Meaning,
- ii. Utility and Salient Features

Module IV - Settlement of International Disputes**(Lectures - 10)****1. Peaceful Settlement of International disputes**

- i. Negotiation
- ii. Mediation
- iii. Conciliation
- iv. Arbitration
- v. Judicial Settlement
- vi. Inquiry
- vii. Settlement under the United Nations

2. Coercive Settlement of International Disputes

- i. Retortion
- ii. Reprisals
- iii. Intervention
- iv. Pacific Blockade
- v. Embargo

3. Neutrality

4. Conflict of Laws

- i. General Principles,
- ii. Jurisdiction Clauses,
- iii. Foreign Judgments,
- iv. Choice of Law Issues (Contract, Tort, Family Law)

Suggested Readings:

1.	Oppenheim, H.	-	International Law
2.	Brierly, J. L.	-	The Law of Nations
3.	Kapoor, S.K	-	Public International Law
4.	Agarwal, H.O. -		International Law and Human Rights
5.	Gupta, S.P.	-	International Law and Human Rights
6.	Tandon, M.P. -		Public International Law
7.	Starke, J. G.	-	Introduction of International Law
8.	Brownlie	-	Principles of Public International Law
9.	Fenwick	-	International Law

Essential Case laws:

1. North Sea Continental Shelf Cases, ICJ Rep. 1969.
2. Right of Passage over Indian Territory (Portugal v. India), ICJ Rep. 1960.
3. Asylum Case (Columbia v. Peru), ICJ Rep. 1950.
4. Libya v. Tunisia Continental Shelf Case, ICJ Rep. 1982.
5. Temple of Preah Vihear Case (Cambodia v. Thailand), ICJ Reports 1961 West Rand Central Gold Mining Co. v. R, (1905) 2 KB 391.
6. Luther v. Sagor, (1921) 3 KB 532.
7. Arantzazu Mandi Case, (Govt. of Spain v. S. S. Arantzazu) (1939) AC 256.
8. Bank of Ethiopia v. National Bank of Egypt and Liguori, (1937) Ch. 513.
9. Lotus Case (France v. Turkey), PCIJ. Ser. A, No. 10 (1927).
10. Advisory Opinion of ICJ in *Namibia* case ICJ Rep. 1971.
11. Advisory Opinion of ICJ in Western Sahara Case, ICJ Rep. 1975.
12. In Re Berubari Union No. (I), AIR 1960 SC 845: (1960) 3 SCR 250.
13. Anglo- Norwegian Fisheries Case (United Kingdom v. Norway), ICJ Rep. 1951.
14. Maritime Delimitation and Territorial Questions between Qatar and Bahrain (Qatar v Bahrain), ICJ Reports 2001.

The students are required to go through recent cases on the topics given under the syllabus.

Semester-VII

LB-703

Credit - 4

Subject: Corporate Law (Including Investment And Competition Law)
(Minimum Lectures-40)

Course Objective

The key focus of this paper is on regulation of corporations and the interface between Corporate Law, Investment laws and Competition Law in the context of new economic order. The course has been designed in such a manner that law students could be well acquainted with the concepts correlated to investment and various aspects of competition law.

Course Outcome

This paper covers a wide spectrum of investment and competition laws with the aim to:

1. To familiarize the students with the basic concepts of investment, corporate finance and competition.
2. To help them analyse various legal provisions relating to insolvency, competition law and other related laws.
3. To acquaint them with the recent developments in the area of investment law.
4. To help them understand the inter-relationship between law and economics.

Module-I:

(Lectures- 10)

Introduction

- i. Concepts of Corporate Law
- ii. Corporate Personality
- iii. Sources of Corporate Finance: Shares and Debentures
- iv. Issue and Buy Back of Shares

Module- II:

(Lectures-10)

Corporate Re-Structuring

- i. Conceptual Understanding of Corporate Re-Structuring
- ii. Modes of Re-Structuring
- iii. Manner of Re-Structuring
- iv. Role of Courts

Module-III:

(Lectures-12)

Investment Laws

- i. SEBI Act, 1992
- ii. Foreign Exchange Management Act, 1999

- iii. Bilateral Investment Treaties
- iv. Foreign Direct Investment

Module- IV:

(Lectures-10)

Competition Law

- i. Background
- ii. Prohibitions
- iii. Competition Commission of India
- iv. Competition Appellate Tribunal

Suggested Readings

1. Guide to Competition Law: Containing Commentary on the Competition Act, 2002 by S M Dugar (Set of 2 Volumes), LexisNexis, 2016.
2. Competition Commission Cases- A compendium of CCI Cases from 2009-2016 by K K Sharma, LexisNexis, 2016.
3. Competition Law in India: Policy, Issues, and Developments by T. Ramappa, Oxford University Press.
4. Capital Markets & Securities Laws by Siddhartha Sankar Saha, 2nd ed., Taxmann.
5. Taxmann's Student's Guide to Economic Laws.
6. Capital Market and SEBI Regulations, by Tapash Ranjan Saha, Excel Books.
7. Bilateral Investment Treaties: History, Policy, and Interpretation (1st ed.), by Prof. Vandeveld, Oxford University Press.

Semester-VII

LB-704

Credits: 04

Subject: Land Law (Including U. P. Revenue Code)

Minimum Lectures- 40

Course Objectives

The objective of this paper is to focus on land reforms in the state of U.P. and make students familiar with the provisions of U.P. Revenue Code and U.P. Panchayati Raj Act 1947, U.P. Consolidation of Holdings Act, 1953. The course provides the detailed knowledge of land law reforms, broad concept of agriculture, relationship between land and man, concepts and applications including analysis of tenure holders, their interests, rights and liabilities, ownership, possession, succession, surrender, abandonment, mortgage, lease and the use of modern techniques for demarcation and digitilisation of Revenue Records and procedure of the Revenue Courts. It also deals with consolidation of holdings, mutation proceedings and local authorities at village level.

Course Outcomes

On successful completion of this course students will be able to:

- Explain the notion of agricultural land and apply land law concepts relating to tenure holders, ownership, possession, succession, surrender, abandonment, mortgage, lease and tenancies.
- Learn about maintenance and revision of village records.
- Learn about consolidation proceedings, mutation proceedings and its effect.
- Gain knowledge about the concept of land revenue and its assessment.
- Understand about the procedure of Revenue Courts and remedies in case of any illegal encroachment.
- Get a deep insight about the management of land and other property by local authorities.

Module- I

(Lecture 10)

- i. General overview of Land Laws
- ii. Special features & Object of U.P. Revenue Code, 2006
- iii. Definitions(Section- 4 of U. P. Revenue Code)
- iv. Gram Sabha : Definition, Constitution, Function
- v. Gram Panchayat : Definition, Constitution, Function
- vi. Bhumi Prabhandak Committee : Definition, Constitution and its Functions

Module - II

(Lecture 10)

- i. Classes of Tenure Holder
- ii. Rights of Tenure Holders
- iii. Ejectment
- iv. Mutation

Module - III

(Lecture 10)

- i. Lease, Surrender and Abandonment
- ii. Management and Allotment of Land by Land Management Committee
- iii. Devolution

iv. Land Revenue

Module -IV

(Lecture 10)

- i. Revenue Courts and Revenue Authorities
- ii. Procedure and Powers of Revenue Court and Revenue Officers
- iii. Maintenance of Records
- iv. Appeal, Review and Revision
- v. Consolidation
 - a Definition
 - b Declaration, Notification & Effect of Consolidation
 - c Preparation and Enforcement of Consolidation Scheme
 - d Close of Consolidation Operations

Suggested Readings

Acts:

1. U. P. Consolidation of Holdings Act , 1953
2. U.P. Panchayati Raj Act, 1947
3. U.P. Revenue Code, 2006

Text Books :

1. U.P. Land Laws,Central Law Publication , Dr. R.R. Maurya
2. U.P. Land Laws, Allahabad Law Agency, Dr. C.P. Singh
3. U.P. Land Laws, State Mutual Books & Periodical Limited,Dr. R.P.Singh
4. U. P. Revnue code, EBC ,Dr. R N Chaudhary

Essential Case Laws

- a. A.K. Gopalan Vs. State of Madras, AIR 1950 SC 27
- b. Ashok Mahajan Vs.State ofUP, (2006) 10 SCC 332
- c. Baharuddin Vs. Board of Revenue, 1985 RD 46
- d. Brahma Deo Vs. Board of Revenue, 1986 RD 302
- e. Crawford Bayley & Co. Vs. Union of India, (2006)6 SCC 25
- f. Devta Din Vs. State of UP, 1998 RD 116
- g. Guru Amarjit Singh Vs. Rattan Chand , (1993) 4 SCC 349
- h. Jadunandan Singh Vs. Bechan Koeri, (1929)13 RD 527
- i. Kastha Kala Udyog Sahkari Ltd. Vs. State of UP, 1990 ALL LJ 395
- j. Leelavati Vs.Soosa Ram, 1988 RD214
- k. Mohiuddin Vs. Board of Revenue, (2004) 96 RD 281
- l. Om Prakash Vs. State of UP , (2003) 95 RD 248
- m. P T Munichikkanna Reddy Vs. Revamma, (2007) 6 SCC 59
- n. Ram Narayan Agarwal Vs.State of UP, (1983)4SCC276
- o. Saravjeet Vs State of UP, (2013)120 RD279
- p. Shri ram Vs State of UP, (2008) 105 RD 133
- q. Subrya M.N. Vs. Vittala M.N. (2016) 8SCC705
- r. Thakur Kishan Singh Vs. Arvind kumar, (1994) 6SCC 591
- s. WahidAli VsDirector of Consolidation, 1982 RD 45

Semester-VII

LB-705

Subject: Environmental Law

Credit:04

Minimum Lectures: 40

Course Objectives

Since the inception of human history, environment has played a vital role in sustaining life and catering to the needs of human beings and various other life forms. However, in due course of time, man has swayed by desire of greater industrialization, urbanization and modernization causing immense environmental pollution, environmental degradation and the over-exploitation of natural resources. It is for these reasons that different legal measures at international and national level for protection of environment have emerged. Today, Environmental Law is one of the most important tools for environment protection and management and hence it is necessary for Law Students to understand this multidisciplinary subject.

Course Outcomes

- To familiarize the students with the overall environmental legal regime of the country as well as its international obligations and would further equip the students with basic knowledge and skills to understand environmental issues.
- To make the students aware about the provisions under the Indian Constitution for protection of environment and the various legislative measures. It also provides an opportunity to the students to understand the activist role played by Indian Judiciary in protection of environment and evolution of different principles.
- A spirit of inquiry to explore the development of Indian environmental law and various legislations and its application in India for the protection of environment.
- Awareness regarding the problem of environmental pollution and Law as a means of prevention of environmental pollution and protection of environment.
- Students will get the knowledge about the Environment (protection) Act, powers of central government and state government to make laws and Environment Tribunals.

Module- I: Environmental Law: International and National Perspective (Lectures - 10)

1. Introduction:*Meaning, Definition and Concept of Environment - Components of Environment, Biosphere and Ecosystem, Types of Environment.*
2. *Concept of Pollution – Sources of Pollution, Types of Pollution, and Effects of Pollution.*
3. International Principles on Environmental Law
 - i. Sustainable Development -Meaning and Scope
 - ii. Precautionary Principle
 - iii. Polluter pays Principle
 - iv. Public Trust Doctrine
4. **Constitutional Provision**
 - i. Right to Wholesome Environment - Evolution and Application

- ii. Development of Fundamental Right to Environment - Judicial Role, Expansion of Locus Standi, Constitutional Remedy for Protection of Environment, Dynamic Interpretation of Article 21, 14 & 19 of the Constitution
- iii. Environment Protection through Public Interest Litigation

Module II: Prevention and Control of Water and Air Pollution

(Lectures - 10)

- 1. . The Water (Prevention and Control of Pollution) Act, 1974
 - i. Water Pollution - Definition
 - ii. Central and State Pollution Control Boards - Constitution, Powers and Functions
 - iii. Water Pollution Control Areas
 - iv. Sample of effluents -Procedure; Restraint order
 - v. Consent requirement - Procedure, Grant/Refusal, Withdrawal
 - vi. Citizen Suit Provision
- 2. . Air (Prevention and Control of Pollution) Act, 1981
 - i. Air Pollution - Definition
 - ii. Central and State Pollution Control Boards - Constitution, Powers and functions
 - iii. Air Pollution Control Areas
 - iv. Consent Requirement -Procedure, Grant/Refusal, Withdrawal v. Sample of effluents - Procedure
 - v. Restraint order
 - vi. Citizen Suit Provision

Module-III: Protection of Forests and Wild Life

(Lectures - 10)

- A. Protection of Forest
 - i. Importance of Forest, its kinds and the need for its Conservation
 - ii. Indian Forest Act, 1927 and its Salient Features
 - iii. Forest Conservation Act, 1980 and its Salient Features
 - iv. Judicial Approach for Forest Conservation.
- B. Protection of Wild Life
 - i. The Wild Life (Protection) Act, 1972
 - ii. Authorities to be appointed and constituted under the Act
 - iii. Sanctuaries and National Parks, Licensing of Zoos and Parks
 - iv. Hunting of Wild Animals and other Offences against Wild Life
 - v. Protection of Specified Plants
 - vi. Trade or Commerce in wild animals, animal articles and trophies and its prohibition.

Module-IV: General Environmental Legislations

(Lectures - 10)

- 1. Environmental (Protection) Act, 1986
 - i. Meaning of 'Environment', 'Environment Pollutant', 'Environment Pollution'
 - ii. Powers and Functions of Central Government

- iii. Citizen Suit Provision
- 2. Principle of 'No fault' and 'Absolute Liability'
- i. Public Liability Insurance Act, 1991
- ii. The National Environment Tribunal Act, 1995
- 4. National Green Tribunal Act 2010- An Appraisal

Suggested Readings:

1. ShyamDiwan, Armin Rosencranz, Environmental Law & Policy in India.
2. P. Leelakrishnan, Environmental Law in India.
3. Gurdip Singh, Environmental Law in India.
4. Paras Diwan, PeeyushiDiwan, Environmental Administration, Law and Judicial Attitude.
5. S.C. Shastri, Environmental Law, (2nd Edn.), Eastern Book Company, Lucknow.
6. MaheshwaraSwamy, Textbook on Environmental Law, (2nd Edn.), Asia Law House, Hyderabad, 2008.
7. S. Shantakumar, Introduction to Environmental Law, (2nd Edn.), Wadhwa& Company, Nagpur, 2005.
8. S. R. Myneni, Environmental Law Asia Law House, Hyderabad.

Essential Case Laws:

1. Municipal Council, Ratlam vs. Vardichand (1980 (4) SCC 162
2. Rural Litigation and Entitlement Kendra, Dehradun vs. State of Uttar Pradesh (AIR 1988 SC 2187).
3. Subhash Kumar vs. State of Bihar (AIR 1991 SC 420).
4. T. Damodar Rao vs. The Special Officer, Municipal Corporation of Hyderabad (AIR 1987 AP 171).
5. A.P. Pollution Control (II) vs. Prof. M. V. Nayadu, (1999) 2 SCC 718; (2001) 2 SCC 62.
6. Olga Tellis vs. Bombay Municipal Corporation (AIR 1986 SC 180).
7. BanvashiSeva Ashram vs. State of Uttar Pradesh (AIR 1987 SC 374).
8. State of Uttar Pradesh vs. Raj Narain (AIR 1975 SC 865).
9. Reliance Petrochemicals Ltd. vs. Proprietors of Indian Express Newspapers Bombay Pvt. Ltd. (AIR 1989 SC 190).
10. M.C. Mehta vs. Kamal Nath (AIR 2000 SC 1997)
11. M/s Abhilash Textiles v. Rajkot Municipal Corprn., AIR 1988 Guj. 57
12. Indian Council for Enviro-Legal Action v. Union of India, AIR 1996 SC 1446
13. Vellore Citizen Welfare Forum v. Union of India, AIR 1996 SC 2715 79
14. Narmada BachaoAndolen v. Union of India, AIR 2000 SC 3751 8.
15. M.C. Mehta v. Union of India, AIR 2002 SC 1696
16. M.C. Mehta v. Union of India, AIR 1988 SC 1037
17. M.C. Mehta v. Union of India, AIR 1988 SC 1115
18. M.C. Mehta v. Union of India, AIR 1987 SC 965
19. M.C. Mehta v. Union of India, AIR 1987 SC 982
20. M.C. Mehta v. Union of India, AIR 1987 SC 1086
21. M.C. Mehta v. Union of India, 1998 (4) SCALE 196
22. T.N. GodavarmanThirumulkpad v. Union of India, AIR 1998 SC 769.
23. S. Jagannath v. Union of India, AIR 1997 SC 811

Semester-VII**LB-706****LABOUR LAW-I****Credits -04****(Minimum Lectures-40)****Course Objective**

The scope and ambit of this paper is very wide and is touching the lives of millions of people in the country and this subject focuses on various aspects of management relation and dispute settlement bodies and techniques. This paper is divided into two parts: Labour Law I and Labour Law II. Trade Union Act, Industrial Employment Standing Orders Act and Industrial Disputes Act are the major legislations which have been put in Labour Law I to establishes the industrial relationship in the country and protect the workers against exploitation by employers.

Course Outcome

1. The students will be able to understand the legal provisions of the Trade Union Act, 1926.
2. To familiarize the students with the need for providing uniform statutory conditions of service in the form of certified Standing orders under the Industrial Employment (Standing Orders) Act.
3. The Students will be able to understand the settlement of industrial disputes through conciliation, voluntary arbitration and compulsory adjudication.

Module -I: Trade Union Act 1926**(Lectures - 10)**

- i. Historical development of Trade Union in India
- ii. Definition and concept of trade union, trade dispute and workman
- iii. Registration of trade unions, rights and liabilities of registered Trade Union
- iv. Mode of registration
- v. Powers and duties of Registrar
- vi. Immunity of registered Trade Union
- vii. Cancellation and dissolution of trade union
- viii. Amalgamation and dissolution of trade union
- ix. Recognition of trade union
- x. Collective bargaining

Module- II: The Industrial Employment (Standing Orders) Act, 1946**(Lectures - 10)**

- i. Concept, nature, scope and objectives of standing orders
- ii. Conditions for Certification process:
- iii. Reasonableness of standing Orders
- iv. Certification of Standing orders
- v. Modification and temporary application of model Standing Orders
- vi. Powers of Certifying officers and Appellate Authority
- vii. Penalties and procedure

Module-III: Industrial Dispute Act, 1947**(Lectures - 10)**

- i. Concept of Appropriate Government, Workman, Industry, Industrial dispute and individual disputes.
- ii. Industrial Dispute Settlement Machineries: Works Committee, Conciliation Machinery, Court of Enquiry
- iii. Adjudication - Labour Court, Tribunal and National Tribunal and Voluntary Arbitration, Reference of dispute to Board, Courts or Tribunals
- iv. Unfair Labour Practice

Module- IV: Instruments of Economic Coercion**(Lectures-10)**

- i. Strike and Lockout: Definition, justification, types of strike, Rights to strike and Lock-out, Prohibition of strikes and lock-outs in public utility service, illegal strike and lock out, Lay-off and Retrenchment Transfer and closure

Suggested readings:**Text Books:**

1. S.C. Srivastava- Industrial Relations and Labour Law
2. O.P. Malhotra- Industrial Disputes Act
3. Dr. G V Goswami,- Labour Industrial Laws
4. K M Pillai- Labour and Industrial Law
5. Prof. S N Dhyani,- Trade Unions and the Right to Strike
6. S N Mishra- Labour and Industrial Laws

References:

1. P. k. Padhi- Labour and Industrial Laws
2. P. L. Malik- Handbook of labour and Industrial Law

Essential Case Laws

1. K Ghosh vs Ex Joseph AIR 1963 SC 812
2. Bangalore water supply & Sewage Board vs A Rajappa AIR 1978 SC 548.
3. State of UP vs J P Singh (2005) 5SCC 1
4. Gujrat Steel Tubes Ltd vs Gujrat Steel Tubes Mazdoor Sabha 1980 2 SCC 593.
5. Central Province Transport Services Ltd. Nagpur Vs Raghunath Gopal AIR 1957 SC 104
6. Hussainbhai Vs Alfath Factory Tezhilai Factory Union AIR 1978 SC 1410
7. ArkalGovindRajrao Vs Ciba Geigy India Ltd (1985) 3 SCC 371
8. National Engineering Industries Ltd Vs KishanBhageria 1988 AIR 329
9. Shashi Kant Upadhayay v. National Thermal Power Corporation Ltd., (1995) 71 F.L.R. 544 (All)
10. Standard Vacuum Refining Co. of India Ltd. v. Its Workmen, AIR 1960 SC 948
11. Kurushetra University Vs Prithvi Singh 2018 LLR 371 (SC)
12. National Kamgar Union Vs. Karan Rader Pvt. Ltd Ors 2018 LLR 159 (SC).

Semester VIII

Semester VIII

LB-801

Subject: Company Law

Credits: 4

(Minimum Lectures-40)

Course Objective

In the present scenario, trade and commerce has become an integrate part of society. Every person is affected by trade related activities either directly or indirectly. Hence, with that aspect in mind this course has been designed with the purpose to familiarize the students with the basic tenants of Corporate Law and develop their legal acumen to analyse the provisions of law.

Course Outcome

The proposed outcome of this course is as follows:

1. To acquaint the students with the legal provisions, guidelines and case laws on the subject of corporate law.
2. To familiarize them with the procedure of documentation for a company.
3. To inform the students of their rights and duties under the Companies Act.
4. To develop the ability to efficiently identify and apply the provisions of law in realistic scenarios.

Module-1: Formation, Registration and Incorporation of Company **(Lectures-10)**

- i. Meaning of Corporation
- ii. Nature and Kinds of Companies
- iii. Company's Constitutional Documents
- iv. Promoters
- v. Mode and Consequence of Incorporation
- vi. Uses and Abuses of Corporate form

Module-II: Capital Formation and its Regulation **(Lectures-10)**

- i. Prospectus
- ii. Nature and classification of Company Securities
- iii. Share Capital of Company
- iv. Issue and Transfer of Shares

Module-III: Corporate Administration **(Lectures-10)**

- i. Board of Directors
- ii. Directors and Other Key Managerial Personnel
- iii. Meetings
- iv. Prevention of Operation and Mismanagement

Module-IV: Winding up of Companies **(Lectures-10)**

- i. Concept of Winding Up
- ii. Kinds, Consequences and reasons of Winding Up
- iii. Adjudicatory Bodies
- iv. Corporate Social Responsibility

Suggested Readings:

- 1. Paul L. Davies, Gower and Davies Principles of Modern Company Law (Latest Edition).
- 2. Avtar Singh, Company Law, (2015).
- 3. Taxmann's Company Law and Practice, (23rd Edition), (2013).
- 4. Halsbury's Laws of India, Vol. 27, LexisNexis.

Essential Case Law

- 1. Solomon v. Solomon & Co. Ltd. (1897) A.C. 22 (H.L)
- 2. State Trading Corporation v. CTO, air 1963 sc 811
- 3. R.C. Cooper v. Union of India (1970) 3 SCR 530
- 4. Ashbury Railway Carriage and Iron Co. Ltd. v. Riche (1875)
- 5. Royal British Bank v. Torquand (1856) 119 ER 886
- 6. Cotmon v. Brougham, (1918) All ER Rep. 265 (HL)
- 7. Percival v. Wright (1902) 2 Ch. 421
- 8. Burland v. Earle (1902) AC 83
- 9. Foss v. Harbottle (1843) 2 Hare 461
- 10. German Date Coffee Co., In Re (1882) 20 Ch. D. 169

Semester VIII
LB 802
Subject: Labour Law-II

Credits: 04
(Minimum Lectures: 40)

Course Objective

The paper is to focus on wage policies, compensation for learn caused during the course of employment and working conditions of employees.

Course Outcome

1. The students will be able to understand the concept of wages, the provisions of regular and prompt payment of wages and to prevent unauthorized deductions and arbitrary fines from the wages.
2. The student will be able to understand the measures which can be used to tackle income and labour market inequality including social transfers, and creating an enabling environment for sustainable enterprises.

Module- I: Minimum Wages Act, 1948 **(Lectures - 10)**

- i. Object & Scope of Minimum Wages Act, 1948;
- ii. Theories and Concept of Wages
- iii. Definition, Concepts of Minimum, Fair and Living Wages,
- iv. Methods of Wage Fixation & Revision of rates of Wages
- v. Constitutionality of Minimum wages Act, Working Hours and Determination of Wages and Claim etc.
- vi. Authority- Appointment and Powers under the Act.
- vii. Penalties and punishment for certain Offences;

Module -II: Payment of Wages Act, 1936 **(Lectures - 10)**

- i. Object, scope and application of the Act
- ii. Definition of wage
- iii. Responsibility for payment of wages
- iv. Fixation of wage period
- v. Time of payment of wage
- vi. Deductions which may be made from wages
- vii. Maximum amount of deduction

Module-III: Workmen's Compensation Act, 1923 **(Lectures - 10)**

- i. Definition of Dependent, workman, partial disablement and total disablement

- ii. Employer's liability for compensation
 - a) Scope of arising out of and in the course of employment
 - b) Doctrine of notional extension
 - c) When employer is not liable
 - d) Employer's Liability when contractor is engaged

Module -IV: Factories Act 1948

(Lectures-10)

- i. Concept of Factory, Manufacturing Process, Worker and Occupier
- ii. General Duties of Occupier
- iii. Measures to be taken in factories for health, safety and welfare of workers.
- iv. Working hours of adults
- v. Employment of Young Person and Children
- vi. Annual Leave with Wages
- vii. Authorities and Penalties under the Act

Suggested Readings:

1. S C Srivastava , Commentaries on Factories Act 1948
2. H L Kumar- Workmen's Compensation Act, 1923.
3. K.D. Srivastava- Payment of Wages Act.
4. P K Padhi- Labour and Industrial Laws

References:

1. Khan & Khan- Labour Law
2. K.D. Srivastava- Payment of Bonus Act
3. H L Kumar - Labour laws : Everybody should know
4. H L. Kumar -Checklist obligation of employers under labour laws
5. G B. Pai- Labour law in India
6. H. K. Saharay- Industrial and labour laws of India
7. S C. Srivastava, Industrial relations and labour laws

Essential Case Law

1. Air India Statutory Corporation Vs United Labour Union AIR 1997 SC 645.
2. LIC of India Vs consumer Education and Research Center AIR 1995SC 1811.
3. DPL Narain Vs State of UP AIR 1954 SC 224.
4. B V Kapoor Vs State of Tamil Nadu 2001 7SCC 231.
5. BandhuaMuktiMorcha Vs UOI AIR 1984 SC 802.
6. Pratap Singh Vs State of Punjab AIR 1964 SS 72.
7. Subhash Kumar Vs State of Bihar AIR 1991 420.
8. Namarda Bachao Andolan Vs UOI (2000) 10SCC 604
9. Air India Cabin Crew Association Vs Yeshwinee Merchant 2003 8 ILD 1(SC).
10. Leela Vs State of Kerela (2004) 102 KLT 207.

Semester VIII

LB-804

SUBJECT: Alternate Dispute Resolution System

Credits: 4

Minimum Lectures: 40

Course Objective

The Alternate Dispute Resolution mechanism evolved against the conventional method of dispute settlement by courts. Over the years, individuals and corporations have realized the advantages of adopting various ADR mechanisms against the conventional method of litigation. Therefore, the importance of this paper has increased in leaps and bounds and so the purpose of this paper is to ensure that students get insightful knowledge about this emerging area in the arena of dispute resolution.

Course Outcome

This course tends to achieve the following out comes:

1. To ensure that students are well acquainted with the various methods of dispute resolution.
2. To familiarize them with the various legal provisions and case laws relating to the paper ADR.
3. To develop their legal acumen so that they can help their clients and society select and employ the most effective, just and human methods of dispute settlement.

Module-I

(Lectures-8)

Introduction

- i. Concept of ADR
- ii. History of ADR
- iii. Legal Service Authority Act
- iv. Ombudsman- Lok Pal and Lokayukta
- v. Lok Adalat

Module-II

(Lectures-10)

Arbitration and Conciliation Act, 1996

- i. Definitions
- ii. Arbitration Agreement
- iii. Arbitral Tribunal
- iv. Conduct of Proceedings
- v. Arbitral Awards

Module-III

(Lectures-8)

Enforcement of Foreign Award

- i. New York Convention
- ii. Geneva Convention

Module-IV

(Lectures-8)

Conciliation

- i. Definitions
- ii. Appointment of Conciliator
- iii. Role of Conciliator
- iv. Conciliation Proceedings

Suggested Readings

1. International Dispute Settlement by J.G. Merrills, (6th ed.), Cambridge University Press, 2017.
2. Alternate Dispute Resolution by Madabhushi Sridhar, (1st ed.), LexisNexis Publication.
3. Law and Practice of Alternate Dispute Resolution in India- A Detailed Analysis by Anirban Chakraborty, LexisNexis Publication, 2016.
4. Law Relating to Arbitration and Conciliation by P C Markanda, Naresh Markanda and Rajesh Markanda, (9th ed.), LexisNexis Publication, 2016.
5. Law of Arbitration and Conciliation (Set of 2 Volumes) by Justice R S Bachawat, (6th ed.), LexisNexis Publication, 2017.
6. Arbitration and Conciliation, C R Dutta, LexisNexis Publication.

Semester VII

LB-805:

Credit: 04

Subject: Interpretation of Statutes and Principle of Legislation

(Minimum Lectures: 40)

Course Objective

Statutory interpretation is the process by which legislative instruments are given meaning so that they can be understood and applied. This subject will systematically examine the body of law that is relevant when determining the intention of Parliament as expressed in legislative instruments. The rules, approaches and practices required by statute or developed at common law are considered and applied to both state and federal legislation. In addition to developing students' interpretation skills the subject will also focus on legal research and opinion writing.

Course Outcome

On successful completion of this course, a student will be able to:

1. Know what are the techniques adopted by courts in construing statutes.
2. The importance of the law making process in the present context
3. What are the matters to be reckoned with by legislature while enacting laws?
4. Understand and analyze the judicial interpretation, construction of words, phrases and expressions.

Module I – Introduction & General Principles of Interpretation

(Lectures - 10)

- i. Meaning and scope of Interpretation
- ii. Difference between interpretation and Construction
- iii. *litera legis* and *litera logic*
- iv. Harmonious Construction
- v. Mischief Rule
- vi. Golden Rule as a modification of Literal Rule

Module II – Aids of Interpretation & Operation of Statutes

(Lectures - 10)

- i. Internal Aids to the Interpretation
- ii. External Aids to the Interpretation
- iii. Meaning of Statute and Legislation
- iv. Prospective and Retrospective operation of Statutes
- v. Amendment and Repeal of Statutes

Module III – Strict Construction of Statutes & Interpretation of Constitution

(Lectures - 10)

- i. Interpretation of Taxing Statute
- ii. Interpretation of Penal Statute
- iii. Interpretation of the Constitution

Module IV – Maxims of Interpretation**(Lectures - 10)**

- i. *ut res magis valeat quam pereat*
- ii. *noscitur a sociis*
- iii. *ejusdem generis*
- iv. *Expressio unius est Exclusio alterius*
- v. *Contemporanea Exposito Est Optima et fortissimo in lege*
- vi. The General Clauses Act, 1897

Suggested Readings:

- 1. Maxwell - Interpretation of Statutes
- 2. Mathur, D. N. - Interpretation of Statutes
- 3. Bhattacharya, T. - Interpretation of Statutes
- 4. Singh, G.P. - Interpretation of Statutes
- 5. Bindra, N.S. - Interpretation of Statutes
- 6. Swaroop, Jagdish - Interpretation of Statutes

Essential Case Law

- 1. A. H. Wadia v. Commissioner of Income Tax, 1949 FC 18
- 2. Atiabari Tea Company v. State of Assam, AIR. 1961 SC 232
- 3. Kesavananda Bharati v. State of Kerela, AIR. 1973 SC 1461
- 4. Jolly George Varghese v. Bank of Cochin, AIR. 1980 SC 470
- 5. Assistant Collector of Custom v. Sitaram, AIR. 1966 SC 955
- 6. Spicer v. Holt, (1976) 3 All ER 71
- 7. S. Nagraj v. B. R. Vasudeva Murthy, (2010) 3 SCC 353
- 8. Union of India v. Purushottam (2015) 3 SCC 779

The students are required to go through recent cases on the topics given under the syllabus.

Semester VIII

LB-8061

Subject: Tax Law

Credits: 4

(Minimum Lectures: 40)

Course Objective

The foundation of a strong economy is dependent on a efficient legal system. In order to maintain that efficiency it is necessary that the legal minds of this country are well acquainted with the diverse socio-economic conditions here. Keeping that goal in mind, this course has been designed in such a manner so as to ensure that the students are well versed with the basic tenants of direct and indirect tax and apply that knowledge in the legal career in years to come.

Course Outcome

The following are the proposed outcome of this course:

5. To acquaint the students with the legal provisions, guidelines and case laws on the subject of tax law.
6. To familiarize them with the procedure of filing income tax returns and the basic concepts of Goods and Service Tax Act, 2016.
7. To inform the students of their rights and duties under the Income Tax Act.
8. To develop the ability to efficiently identify and apply the provisions of law in realistic scenarios.

Module I

(Lectures-10)

Introduction

- i. Concept of Tax and Kinds of Taxes
- ii. Direct Tax
- iii. Incomes which do not form part of total Income

Module II:

(Lectures-12)

Heads of Income

- i. Salaries
- ii. Income from House Property
- iii. Profits and Gains of Business or Profession
- iv. Capital Gains
- v. Income from Other Sources

Module III

(Lectures-12)

Indirect Tax

- i. Introduction to Goods and Service Tax Act
- ii. Definitions
- iii. Administration
- iv. Levy and Collection of Tax
- v. Registration
- vi. Offences and Penalties

Module IV**(Lectures-10)****Assessment and Tax Authorities**

- i. Assessment Procedure
- ii. Types of Assessment
- iii. Tax Authorities

Suggested Readings:

1. Singhania, Student Guide to Income Tax, Taxmann (2016)
2. Dinesh Ahuja and Ravi Gupta, Systematic Approach to Income Tax (2017)
3. Ramesh Sharma, Supreme Court on Direct Taxes (2013)
4. Kanga and Palkiwala, The Law and Practice of Income Tax (2012)GST Law and Procedure, Taxman

Course Objective

In this paper the students will be taught the kinds of banks, their functions, and relationship with customers and the banking frauds, law relating to recovery of debts due to banks recovery of debts. Kinds of insurance and the body regulating the insurance sector will also be taught.

Course Outcome

1. The conceptual and legal parameters including the judicial interpretation of banking law.
2. New emerging dimension in banking systems including e-commerce and e-banking.
3. Develop skills to facilitate insurance product, cost and pricing, marketing and distribution.

Module- I: Banking System in India	(Lectures - 12)
i. Evolution of Banking System and its history in India ii. Banking Regulation Laws iii. Structure and Functions of Banking Institutions: Different kinds of Banks viz Central Bank, Commercial Bank, Co-operative Banks, Specialized Banks, Regional Rural Banks, NABARD and their respective functions. iv. Commercial Banks: Structure and functions v. Systems of Banking: Unit Banking, Branch Banking, Group banking and Chain Banking	

Module - II: Relationship between Bankers and Customer	(Lectures - 10)
i. Legal Character of Banker and Customer Relationship ii. Rights and Duties of Bankers iii. Rights and Duties of Customers iv. Principles of good Lending v. Social Control of Banks vi. Controlling functions of RBI over Banking and Non-Banking Companies	

Module- III: Emerging Dimension in India	(Lectures - 08)
1. E-Commerce 2. E-banking i. Automatic Teller Machine ii. Smart Cards iii. Credit Cards iv. Debit Cards	

Module - IV: Insurance Law**(Lectures - 10)**

1. History and Growth of Insurance Business in India
2. Meaning of Insurance and Nature of Insurance Contracts
3. Kinds of Insurance:
 - i. Life Insurance
 - ii. Medi claim
 - iii. Property Insurance
 - iv. Fire Insurance
 - v. Motor Vehicles Insurance
 - vi. General Principle of Insurance

Suggested Readings:

1. Sharma and Nainta- Banking Law & Negotiable Instruments Act ó
2. R.P. Namita- Banking System, Frauds and Legal Control
3. M.N. Mishra- Law of Insurance
4. C. Rangarajan- Handbook of Insurance and Allied Laws

References:

1. M.L. Tanna- Banking Law & Practice in India
2. R N Chaudhary- Banking Laws
3. UjjwalaShahi- Banking in India: Past, Present & Future
4. Haring and Eveanly- General Principles of Insurance

Semester VIII

LB-8063

Subject – International Trade Law

Credits: 04

(Minimum Lectures- 40)

Course Objective

The objective of the course is to introduce the subject to the students with special reference to India's role and place in the multilateral trading represented by the WTO. In this course students will study both international trade, the exchange across national borders of goods, services and factors, and the impact of this trade on domestic and global economies, the significant pressures in the world economy and the proliferation of regional trade arrangements in various parts of the world. A special emphasis in this course is placed on trade issues in developing economies and the close relationship between direct investment and international trade.

Course Outcomes

Students will acquire theoretical knowledge and will be expected to have:

- Gained a knowledge of where international trade fits in our national economy and the global economy, through the review of several basic concepts in economics and international economics;
- Acquired a broad basis in the concept of global trade and its rationale;
- Developed an understanding of the process of globalisation of production and markets, with international trade as a major component of this process;
- Gained an insight into the main trade policy instruments implemented by various governments of the world with a view to exercising their stabilisation role in the operation of their national economies;
- Acquired comprehension of recent trends in international trade in goods and services and the main reasons for such trends;
- Developed some mastery in assessing the impact of government trade policies on trade flows at national and company level;
- Gained an understanding of multilateral and regional trade arrangements, as well as the international financial framework in which small and large firms operate;
- Developed a better knowledge about the process of regional trade integration confronting developing countries;
- Acquired a deeper awareness of the direct relationship between foreign direct investment and international trade, and;
- Developed competencies that will allow students to contribute to the formulation of appropriate trade strategies.

Module –I **(Lecture 10)**

- i. Historical introduction of WTO
- ii. General agreement on tariffs and trade (GATT)
- iii. World Trade Organisation (WTO)
- iv. Agreement on Agriculture
- v. Agreement on technical barriers to Trade

Module – II **(Lecture 10)**

- i. Agreement on sanitary and Phytosanitary measures
- ii. Anti-dumping Agreement
- iii. Agreement on safeguards

Module – III **(Lecture 10)**

- i. Agreement on trade related aspect of investment measures
- ii. General agreement on trade in services
- iii. Documents used in international trade
- iv. payments in international trade

Module –IV **(Lecture 10)**

- i. International commercial Dispute
- ii. Dispute settlement procedure under WTO
- iii. Enforcement Remedies

Suggested Readings

1. International Trade law,Routledge publisher, Indira car
2. International Trade law, Allahabad Law Agency, Dr. S. R. Myneni
3. International Trade law, Universal law publication , Niharika Vij

Essential Case Law

1. Canada- Autos case Ds139,142
2. Colombia- ports of entry case Ds366
3. EC- Tariff preference case Ds246
4. Japan ó Alcohol case Ds8,10,11
5. EC ó Asbestos case Ds135
6. US- Gasoline case Ds2

Semester VIII

LB-8064

Subject- Election Law

Credit-04

(Minimum Lectures- 40)

Course Objective

This course will examine the law - constitutional and statutory governing the political and electoral process in India. The main object is to acquaint the students with the election laws governing the elections to the Houses of the Parliament and the State legislatures as well as to the offices of President and Vice-President, analyze lacuna within among the election law and available remedies and to suggest reformation in present election law and procedure.

Course Outcomes

Students graduating with Election Law will be able to:

- Understand and identify the importance of election in a democratic country.
- Develop a critical thinking about the development of this branch of law.
- Gain knowledge about the existing legal framework of elections to various democratic bodies.
- Critically analyse the present regime of laws with reference to the postulate of free and fair elections as the fundamental point of democracy
- Learn the process of development and reforms in the field of election laws.

Module - I:

(Lectures 10)

1. Election: Meaning and Process
2. Constitutional Mandate
3. Laws governing elections
4. Election disputes
 - i. Challenge to Election: Whom and How to Made
 - ii. Forum for filing Election Petition
 - iii. Parties to Election Petition
 - iv. Contents of Election Petition
 - v. Grounds of Challenge to Election
 - vi. Trial of Election Petition
 - vii. Recriminatory Petition
 - viii. Withdrawal, Abetment and Appeal
5. Election to the Offices of the President and Vice President

Module-II

(Lectures 10)

1. Election Commission
 - i. Composition
 - ii. Functions
 - iii. Powers
2. Delimitation of Constituencies

3. Preparation and Revision of Electoral Rolls

Module-III

(Lectures 10)

1. Meaning and Distinction Between Qualification and Disqualification
2. Nomination and Candidature
 - i. Meaning of Valid Nomination
 - ii. Procedure for Filing of Nomination Security Deposits etc.
 - iii. Grounds of Rejection of and Withdrawal of Nominations
3. Qualifications and Disqualifications Provisions under Indian Constitution and the Representation of Peoples Act, 1951
4. Disqualifications on Convictions under the Representation of Peoples Act, 1951
5. Disqualifications of sitting members
6. Voters Right to Information
7. Anti Defection Law (Tenth Schedule to the Constitution of India)
8. Office of Profit

Module – IV

(Lectures 10)

1. Corrupt Practices in the Election Law
 - i. Meaning and Distinction between Corrupt Practices and Electoral Offences
 - ii. Substantive Corrupt Practice: Bribery, Undue Influence, Character, Assassination of Candidates, Appeal on the Grounds of Religion, Race, Caste, etc. 106
 - iii. Needs of Educational Qualification for Candidates
 - iv. Criminalization of Politics
 - v. Election Expenses
 - vi. Model Code of Conduct
 - vii. Use of Government/Private Electronic Media and Social Media by Political Parties
 - viii. Opinion and Exit Polls
 - ix. Defacement of Public and Private Properties
2. Electoral Offences
3. Reservation for Women in Parliament and State Legislatures

Bare Acts:

1. The Representation of the People Act, 1951
2. The Presidential and Vice-Presidential Elections Act, 1952
3. The Election Commission (Condition of service of Election Commissioners and Transaction of Business) Act, 1991
4. The Delimitation Act, 2002.

Suggested Readings:

1. Manual of Election Law in India -Dev Inder
2. Chawla's Elections Law & Practice-P.C. Jain & Kiran Jain.

Essential Case Law

1. N.P. Poonuswami v. Returning Officer, AIR 1952 SC 64
2. Mohinder Singh Gill v. Chief Election Commissioner, AIR 1978 SC 851
3. Election Commissioner v. Shivaji, (1988) 1 SCC 277
4. K. Jyoti Basu v. Debi Goshal, AIR 1982 SC 983
5. T.N. Seshan v. Union of India & Others, 1995 (4) SCC 611
6. S.S. Dhanoa v. Unionof India, AIR 1991 SC 1745
7. S.R. Bommai v. Union of India, AIR 1994 SC 1918
8. A.C.Jose v. Sivan Pillai and others, AIR 1984 SC 921
9. Kanhiya Lal Omar v.R.K.Trivedi, AIR 1986 SC 111
10. Guru Gobinda Basu v. Shankari Prasad, AIR 1968 SC 254
11. Joti Prasad v. Kalka Prasad, AIR 1962 All. 128
12. Ashok K. Bhattacharya v. Ajay Biswas, 1985 (1) SCC 151
13. L.P. Sahi v. Bateshwar Prasad, AIR 1966 SC 580
14. Kanappa R. Nadgonda v. Vishvanath Reddy, AIR 1969 SC 447
15. Kihota Hollohon v. Zachilhu, AIR 1993 SC 412
16. Rangilal Choudhary v. Dahu Sah & Others, AIR 1962 SC 1248
17. Lalji Bhai v. Vinod Chandra, AIR 1963 Guj. 297
18. N.T. Veluswami v. RajaNainer AIR 1959 SC 422
19. Vashist Narain Sharma v. Dev Chandra, AIR 1954 SC 513
20. Cheddi Ram v. Jhilmit Ram AIR 1984 SC 146
21. Union of India v. Association for Democratic Reforms and Anr., AIR 2002 SC2112
22. People's Union for Civil Liberties (PUCL) v. Union of India, AIR 2003 SC 2363
23. Dev Kanta Barooch v. Golak Chandra Baruah & Others AIR 1970 SC 1231
24. Narbada Prasad v. Chhagan Lal, AIR 1969 SC395
25. Krishan Kumar v. Krishan Gopal AIR 1965 SC 141
26. S. Harcharan Singh v. S. Sajjan Singh 1985 (1) SCC 370
27. Dr. Ramesh Yeshwant Prabhoo v. Prabhakar Kashinath Kunte, AIR 1996 SC 1113
- 28. Manohar Joshi v. Niten Bhaurao Patil AIR 1996 SC 796**

Semester IX

Semester IX

LB-901

Credits:04

Subject: Legal Ethics and Professional Accounting System Court Craft

Minimum Lectures- 40

Course Objectives

As the saying goes *in law a man is guilty when he violates the rights of others. In ethics, he is guilty if he only thinks of doing so.*

This course is designed with a main purpose of making law students on the verge of completing their law course to get acquainted with, analyze and critically examine such rules of professional ethics and conduct. The legal philosophy underlying professional ethics, the rights and concomitant duties of Advocates and the role played by Bar Councils in regulating legal profession will be the core Module of the course. Furthermore, the knowledge of responsibilities and sanctions is indispensable for an advocate to have a better professional career, especially in the present era.

Course Outcomes

This paper covers a wide spectrum of lawyersøconduct with aim to:

1. To familiarize the students with the legal provisions, guidelines, and judicial decisions on the subject of professional conduct for lawyers.
2. To acquaint them with the opinions of the Bar Council of India on professional misconduct.
3. To inform students of their Rights as advocates, the concomitant duties and limitations thereof.
4. To develop the ability to efficiently identify ethical issues and dilemmas in realistic scenarios, and to propose well-reasoned and articulate resolutions to those issues and dilemmas.

Module I

(Lectures-6)

- i. Introduction: The concept of Professional Ethics in Law
- ii. Brief History of Legal Profession in India
- iii. The need and necessity of ethics in the legal profession

Module II

(Lectures-10)

The Advocates Act, 1961

- i. Bar Councils
- ii. Functions of State Bar Councils and Functions of Bar Council of India
- iii. Admissions and Enrollment of Advocates
- iv. Types of Advocates: Senior and other Advocates

- v. Disqualification
- vi. Right to Practice
- vii. Conduct of Advocates and Disciplinary Proceedings

Module III**(Lectures-10)**

Rights & Interest of Advocates and Limitations thereof:

- i. The rights to practice
- ii. The right to argue his case
- iii. The right over his professional fees
- iv. The right to strike
- v. The right to take up teaching Law
- vi. The limitations of the rights of lawyers including restrictions on advertising, bar from carrying on other professions, etc.
- vii. Restrictions on Senior Advocates

Module IV**(Lectures 6)**

Standards of Professional Conduct and Etiquette

- i. Duty to the Court
- ii. Duty to the Client
- iii. Duty to the opponent
- iv. Duty towards Colleagues
- v. Duty in Imparting Training
- vi. Duty to render Legal Aid

Module V**(Lectures 8)**

- i. Bench-Bar Relations
- ii. Professional Misconduct and relevant case laws with special reference to the Contempt of Court Act 1971.
- iii. Legal Ethics in Present Era
- iv. Impact of Globalization on the legal profession

Suggested Readings:

1. Raju Ramachandran, Professional Ethics: Changing Profession and Changing Ethics (LexisNexis, Butterworths).
2. P. Ramanatha Aiyer, Legal & Professional Ethics ó Legal Ethics, Duties & Privileges of a Lawyer (Wadhwa Publications, Nagpur).
3. D.V. SubbaRao, Sanjiva Row & The Advocates Act, 1961(LexisNexis, Butterworths).
4. Justice V. R. Krishna Iyer, Law, Lawyers and Justice (B. R. Publishing Corp, Delhi).

5. Dr. Kailash Rai, Legal Ethics, Accountancy for Lawyers and Bench Bar Relations, Central Law Publications.
6. Yashomati Ghosh, Legal Ethics and the Profession of Law (Lexis Nexis Butterworth).
7. Raju Ramchandran, Professional Ethics for Lawyers: Changing Profession Changing Ethics (Lexis Nexis).
8. Nicolson and Webb, Professional Legal Ethics (OUP).

Essential Case Law

1. A.M. Mathur v. Pramod Kumar Gupta 1990 (2) SCC 533.
2. An Advocate v. Bar Council of India, 1989 Supp (2) SCC 25.
3. Anees Ahmed v. University of Delhi, AIR 2002 Del. 440.
4. Bar Council of Maharashtra v. M.V. Dabholkar 1976 (2) SCR 48.
5. Bhupinder Kumar Sharma v. Bar Assn., Pathankot, (2002) 1 SCC 470 25.
6. C. Ravichandran Iyer v. Justice A.M. Bhattacharjee, (1995) 5 SCC 457.
7. Ex-Capt. Harish Uppal v. Union of India, (2003) 2 SCC 45.
8. Indian Council of Legal Aid v. Bar Council of India, AIR 1995 SC 691.
9. P.D. Gupta v. Ram Murti, (1997) 7 SCC 147 20.
10. R.D. Saxena v. Balram Prasad Sharma, (2000) 7 SCC 264 6 22.
11. Salil Dutta v. T.M. and M.C. (P) Ltd. (1993) 2 SCC 185 17.
12. State of Maharashtra v. Budhikota Subbarao, (1993) 3 SCC 71.
13. T.C. Mathai v. District & Sessions Judge, Thiruvananthapuram, (1999) 3 SCC 614 21.
14. Vikas Deshpande v. Bar Council, AIR 2003 SC 309.

Semester IX

LB-902

Subject: Drafting, Pleading and Conveyancing

Credits: 04

(Minimum Lectures: 40)

Course Objective

By the art of legal drafting) we mean the art of composing or writing all documents which are either expressly intended to be, or which frequently become the subject of legal interpretation. The Paper **Drafting, Pleading and Conveyancing** has been included in the syllabus with a view to equip the students with legal drafting abilities, legal frame work pertaining to the appearances before various tribunals quasi judicial bodies and the basic understanding of the principles of pleadings. For this purpose, the course contents of this study material have been so designed as to provide practical orientation and develop necessary acumen in drafting legal documents.

Course Outcome

This course is designed to create among the students:

1. Analyze and define the concept of Pleading and various rules of pleading and able to handle the client during the course of interaction.
2. Articulate the argumentation process and apply the legal drafting abilities during the appearances before Court and Tribunals
3. Recognize the way to move to the criminal justice system with aid of various complaints.
4. Identify and discuss the various forms of conveyancing deed such as sale deed, gift, mortgage etc.
5. Apply legal drafting skills and understand practical aspect of registration of such documents.

Module I - Criminal

(Lectures - 10)

- i. General principles of drafting in the Code of Criminal Procedure, 1973.
- ii. First Information Report
- iii. Complaint
- iv. Framing of Charges
- v. Application relating to dispensation of parties and witnesses
- vi. Bail Application
- vii. Criminal Revision
- viii. Criminal Appeal

Module II - Civil

(Lectures - 10)

- i. General principles of Pleadings in Code of Civil Procedure, 1908
- ii. Plaintiff

- iii. Written Statement
- iv. Interlocutory Applications
- v. Original Petition
- vi. Execution Petition
- vii. Memorandum of Civil Appeal
- viii. Civil Revision
- ix. Petition under Article 226 of The Constitution of India.
- x. Petition under Article 32 of The Constitution of India.

Module III - Conveyancing Part – 1

(Lectures - 10)

- i. General Rules Relating to Drafting in Conveyancing
- ii. Affidavit
- iii. Power of Attorney (General)
- iv. Power of Attorney (Special)
- v. Will
- vi. Agreements

Module IV - Conveyancing Part – 2

(Lectures - 10)

- i. Sale Deed
- ii. Mortgage Deed
- iii. Lease Deed
- iv. Gift Deed
- v. Partnership Deed

Suggested Readings:

- | | | |
|----------------------|---|-----------------------------------|
| 1. Chaturvedi, R. N. | - | Pleading, Drafting & Conveyancing |
| 2. Kafaltiya, A. B. | - | Pleading, Drafting & Conveyancing |
| 3. Gopal, Shiva | - | Conveyancing, Precedents & Forms |
| 4. Moga, G. C. | - | Law of Pleading in India |
| 5. Bindra, N. S. | - | Pleading and Practice |

Essential Case Law

1. *Mushir Mohammad Khan v. Sajeda Bano*, AIR 2009 SC 1085
2. *Pandit Chunchun Jha v. Shaikh Ibadat Ali*, AIR 1954 SC 345
3. *Kannubhai Chagganlal v. State of Gujarat*, (1992) 13 Guj. LR 748
4. *Udhav Singh v. Madhav Rao Seindia*, AIR 1976 SC 744
5. *Haridas v. Godrej Rustom Kermani*, (1984) 1 SCC 668
6. *Jahuri Sah v. Dwarika Prasad*, AIR 1967 SC 109

The students are required to go through recent cases on the topics given under the syllabus.

Semester IX**LB-903:****Credit: 04****Subject: Legal Writing and Research Methodology****(Minimum Lectures: 40)****Course Objective**

The objective of the course is to understand the basics of legal writing and its significance, enable the student to use the scientific tools and techniques in research and as well as to write a research project on any legal problem, issue or topic.

Course Outcomes

The student will be able to apply the scientific tools and technique in their research. They will learn to access the online resources as well as other library resources in their research. The student will be able to write a research project on any given topic.

Module I**(Lectures - 10)**

1. Research: meaning, objectives and significance
2. Criteria of Good Research
3. Various kinds of research: qualitative, quantitative, doctrinal, and non-doctrinal.

Module II**(Lectures - 10)**

1. Legal Research and its types
2. Research process
3. Legal materials

Module III**(Lectures - 10)**

1. Use of internet in research
2. Searching the library catalogue
3. Citation

Module IV**(Lectures - 10)**

1. Use of E-Resources in research
2. Abbreviation and quotation
3. How to write a research project

Suggested Readings:

1. Blaxter, L, C Hughes & M Tight. How to Research (Buckingham: Open University Press). ISBN: 0-335-19452-4
2. Buckley, P & D Clark. Rough guide to the Internet (London: Rough Guides). ISBN: 1-84353-338-3
3. Calishain, T. Web search garage (Upper Saddle River: Prentice Hall). ISBN: 0-13-147148-1
4. Clinch, P. Using a law library : a student's guide to legal research skills (London: Blackstone). ISBN: 1-84174-029-2

Semester IX	
LB-905	Credits-4
Subject: Human Rights and Humanitarian Law	(Minimum Lectures 40)

Course Objective

Human Rights are rights inherent to all human beings whatever our nationality, place of birth ,class, caste, creed, sex, origin, colour, religion, language or any other status. Objective of the course is to provide knowledge to students regarding the meaning and concept of human rights and its historical development till date. It also deals with the role of international statutory bodies in the protection of human rights and the provisions in Indian Constitution and domestic laws for the protection of human rights. The course is designed to cover the concept of Humanitarian law and the various national and international agencies for the protection of human rights.

Course Outcome

The Course will enable the student to develop a strong understanding of human rights law at domestic, regional and international levels. The student can apply the knowledge of human rights to their respective fields of work, be it academics, policy makers or activists.

Module I-	(Lectures-10)
i. Definition of Human Rights : Meaning and Concept. ii. History and Development of Human Rights: Ancient, Medieval and Modern times. iii. Sources of Human Rights Law iv. Human Values: Liberty, Equality and Justice. v. Human Rights and Indian Constitution	

Module II-	(Lectures-10)
i. United Nations Charter and Human Rights. ii. Universal Declaration of Human Rights, 1948 iii. International Covenants on Human Rights: a) International Covenant on Civil and Political Rights (ICCPR), 1966 b) International Covenant on Economic, Social and Cultural Rights (ICESC), 1966 iv. Regional Conventions on Human Rights	

Module III-	(Lectures-10)
i. Implementation of Human Rights a) International Human Rights Council b) Human Rights Committee (CCPR) under ICCPR c) Committee on Economic, Social and Cultural Rights (CESCR) under ICESCR. ii. Protection of Human Rights Act, 1993.	

- a) National Human Rights Commission
- b) State Human Rights Commissions

Module IV-**(Lectures-10)**

- i. Introduction to International Humanitarian law.
- ii. History and development of International Humanitarian Law.
- iii. War Crimes and Crimes against Humanity
- iv. Vulnerable groups and human rights.

Suggested Readings

1. Alston, Phillip- The United Nations and Human Rights, Clarendon Press, London, 1995.
2. Basu, D.D & Human Rights in Constitutional Law, Prentice Hall, New Delhi, 1994.
3. S.K.Kapoor- Human Rights under International and Indian Law, Central Law Agency, Allahabad, 1999.
4. Paramjit S. Jaswal, Nishtha Jaswal- Human Rights and Law, APH Publishing, New Delhi, 1996.
5. Justice Palok Basu, Law relating to protection of Human Rights, Modern Law Publications, Allahabad, 2002.
6. H.O.Agrawal- Human Rights, Central Law Publications, Allahabad, 201
7. Bajwa GS And DK Bajwa, Human Rights in India: Implementation and violations, DK Publishers 1996
8. Sehgal BP Singh, Human Rights in India problems and perspectives, Deep and deep publication New Delhi 1999.
9. S.K.Awasthi and RP katariya, Law Relating to Human Rights , Orient Publications ,New Delhi 2000

Semester IX

LB-9061

Subject: Criminology and Penology

Credits-04

(Minimum Lectures 40)

Course Objective

Criminology is a socio-legal subjects its deals with the concept of crimes, causes of crimes and its prevention. Its also covers the subject relating to statutory bodies established for the prevention of crime and punishment and reformation of criminals. The course includes concept of punishment and its forms and concept of Capital Punishment and also Parole and Probation of offenders in India and other countries of World.

Course Outcome

The student will be able to understand the concept of Crimes,its causes and various forms of crime. They can analyse the relevancy and adequacy of various forms of Punishment Prescribed by Indian law, The Prison system in India and reforms needed if any.

Module I-

(Lectures-10)

- i. Definition of Criminology
- ii. Concept of Crimes : Social, Psychological and legal Approaches.
- iii. Nature and Scope of Criminology.
- iv. Relevance of Criminology to Contemporary Society.

Module II-

(Lectures-10)

- i. School of Criminology
 - a) Pre-classical School
 - b) Classical School
 - c) Neo-Classical School
 - d) Positive School
- ii. Socio-Economic Crimes
 - a) White collar Crimes
 - b) Drug Abuse
 - c) Crimes against Women and Children
- iii. Sociological Theory of Crime

Module III-

(Lectures-10)

- i. Punishment : Concept and Theories
- ii. Deterrent Theory
- iii. Retributive Theory
- iv. Preventive Theory
- v. Reformative Theory
- vi. Forms of Punishment and Judicial Sentences.
- vii. Capital punishment

Module IV-**(Lectures-10)**

- i. Prison Administration
- ii. Concept of Open Prison
- iii. Parole and Probation of offenders
- iv. Custodial Violence and Prison Reforms.

Suggested Readings-

1. Sutherland and Crssey ó Principles of Criminology
2. Ahmed Siddique ó Criminology, Penology & Victimology
3. Mrs. Vedkumari - Juvenile Justice
4. Ram Ahuja - Criminology
5. N.V. Paranjape- Criminology, Penology with Victimology
6. Kelly Erailing Dee Wood Harper: Fundamental of Criminology, New Dimensions
7. Larry J. Siegel- Criminology Iheroics, Patterns and Typologies
8. Mark M. Lanier: Essentail Criminology

Semester IX

LB-9062

Subject: Medical Jurisprudence

Credits: 04

(Maximum classes: 40)

Course Objective

To give an overview of the medico-legal systems in India.

Course Outcome: On the completion of the course, the students shall be:

1. Aware of the medical technicalities and peculiarities while dealing with medico-legal cases.
2. Have heightened awareness, consciousness and sensitivity about ethics in the healthcare laws and procedures.

Module-I Objective and Introduction

(Lectures: 08)

- i. Legal Procedure in Criminal Courts: Criminal Courts & their powers, Examination in Chief, Cross Examination, Re-Examination, other Court Questions.
- ii. Evidence-(a) Documentary Evidence : Medical Certificates, Medico-Legal Reports, Dying Declaration, Death Certificate.
- iii. Oral Evidence: Dying Declaration-Deposition of a Medical Witness taken in a Lower Court.

Module-II Personal Identity:

(Lectures: 09)

- i. Definition, Race, Sex Determination, Anthropometry, Dactylography, Foot Prints, Scars, Deformities, Tattoo Marks, Occupational Marks, Hand Writing, Clothes Personal Articles, Speech & Voices, DNA, Finger Printing Gait.
- ii. Post Mortem Examination: Objectives, Rules, External Examination, Internal Examination, Cause of Death
- iii. Examination of the Biological Stains & Hairs: Blood, Semen, Saliva Stains, Hairs & Fibers

Module- III Death and its Medico-Legal Aspects:

(Lectures:09)

- i. Definition, Mode of Death, Sudden Death, Sign of Death, Time since Death, Presumption of Death, Presumption of Survivorship
- ii. Deaths from Asphyxia : Introduction, Hanging, Strangulation, Suffocation, Drowning.
- iii. Injuries by Mechanical Violence: Introduction, Business & Contusions, Abrasions, Wounds, Introduction to Fire Arms & ammunitions.
- iv. Medico-Legal aspect of Wounds: Nature of injury, Examination of Injured Persons, Cause of Death from Wounds, Power of Volitional acts after receiving a fatal injury, Difference between wounds inflicted during life & after
- v. Difference between Suicidal, Homicidal & Accidental Wounds

Module- IV**Insanity in its Medico-Legal Aspects:****(Lectures: 08)**

- i. a, Introduction, Cause of Mental ill Health, Indication of Mental Health, Classification of Mental Diseases, Feigned Mental ill health, Criminal Responsibility
- ii. Torture & Medicine : Introduction & Definition, Reasons for Torture, Types of Torture, Medico-Legal Aspects of Torture, Post Mortem Detection of Torture.
- iii. Toxicology: Law relating to Poisons, Action of Poisons, Asphyxiates (Irrespirable Cases), Carbon di-oxide, Carbon mono-Oxide, War Gases

Module V Legal Issues:**(Lectures: 06)**

- i. Professional Negligence: Transplantation of Human organs,
- ii. Medico-legal aspects of sterilization, Impotence, surrogate births
- iii. Unnatural sexual offences, AIDS
- iv. Abortion & Medical Termination of pregnancy
- v. Medical ethics

Suggested Readings:

- 1. Modi: Medical Jurisprudence
- 2. Indian Evidence Act,1872 (relevant sections)

Semester IX

LB-9063

Credit: 04

Subject: Law, Science and Technology

(Minimum Lectures- 40

Course Objectives

As science and technology assume central roles in our lives, economy, and legal system, the intersection of law and science is uniquely positioned. This course is designed to create awareness amongst the students to address essentially problems and to address the remedial measures of science and technology through Law as an instrument to promote and balance development and innovation. Further, it aims to create awareness in the minds of students and taught to explore and exploit the significance of science and technology and to bring it within the framework of law. It further seeks to explore some specific aspects and to test the possible interactions, controversies and their interrelationships.

Course Outcome

- i. To create awareness amongst students with regards to legal developments in the context of emerging technology and science across various fields.
- ii. To familiarize students with problems and perspectives between law, science and various forms of evolving technologies.
- iii. To enable students to understand the realm of privacy evolving with developments in technology.
- iv. To understand the needs for legal framework and regulatory control of science and technology.
- v. To study these aspects so as to strike a balance between essential principles of human rights, sustainable development, ethics, etc., with science and technology at the same time.

Module I

(Lectures: 10)

Introduction

- i. Emergence of Technology and Industrial Revolution
- ii. The need for legal control of Science and Technology
- iii. Science & Technology vis-a-vis Sustainable and equitable development
- iv. Impact of Human Rights on Science & Technology
- v. Law, Ethics and Technology

Module II

(Lectures: 10)

1 . E-Commerce

- i. Salient features of E-Commerce and its advantages and disadvantages
 - ii. Model Law of E-Commerce
 - iii. Jurisdiction Issue in E-Commerce
 - iv. E-payment and E-Banking
- 2 . E-Contracting
- i. Salient features of E-contract
 - ii. Formation of E-contract and types

- iii. E-mail Contracting
- iv. Indian Approach on E-contract
- 3. . Digital signature and Electronic Signatureand Data Protection
 - i. Digital signature and Electronic Signature and Data Protection
 - ii. Electronic Governance - Concept of electronic records and electronic signatures
 - iii. Creation and authentication of digital signature: Concept of electronic signature certificates
 - iv. Certification authorities and their role

Module III

(Lecture:10)

- 1. Privacy, Law and Technology
 - i. Origin and Development of Law of Privacy
 - ii. Concept and Nature and Law of Privacy
 - iii. Law of Privacy vis-a-vis Science and Technology
- 2. Cyberspace, Technology and Law Law
 - i. Jurisdictional issues in cyber law: Types of jurisdiction and the test evolved
 - ii. Jurisdiction under IT Act, 2008.
 - iii. Cyber Crimes& Legal Framework with specific focus on offences under IT Act, 2008.

Module IV

(Lectures: 10)

- 1. Law and Genetic Technologies
 - i. Introduction: Genetic Technologies
 - ii. Genetic Engineering and Plant Variety Act
 - iii. Natural Resources and Bio-Diversity Act
- 2.. Law and Medical Technologies
 - i. Medical Technologies and Forensic Science: DNA Profiling, Brain Mapping,Narco-analysis
 - ii. Medical Technologies and Drugs: Patent Protection, Life Saving Drugs, Generic Drugs and National Drugs Policies
 - iii. Medical Technologies and New Areas: Organ Transplantation,Experiment on Human Beings, Sex Determination Test,Cloning, Artificial Reproductive Technologies
- 3. Law and Bio Technology
 - i.Origin and Development of Bio Technology
 - ii. Debatable issues in biotechnological innovations
 - iii. Ethical and Moral implications on the use of Genetic Engineering

Suggested Readings:

- 1) MarkandeyKatju, Law in scientific Era (2000) Universal, New Delhi
- 2) Cees J.Hamelink, the ethics of cyber space(2001) Sage.
- 3) JonhZinian et.al(ed) World of Science and Rule of Law (1986) Oxford
- 4) U.Baxi,Biotechnology and Legal Order: Dilemmas of the Future of Law and Human nature (1993)
5. Vakul Sharma, Information Technology Law and Practice, Universal Law Publishers, 2011 (3rd Edn)

6. Harish Chander, Cyber Laws and IT Protection, PHI Learning Pvt. Ltd., 2012
7. Nandan Kamath, Law Relating to Computers, Internet and Ecommerce, Universal Law Publishing Co., Ltd., 2006.
8. Bernard E. Rollin, Science and Ethics, Cambridge University Press, 2006.
9. Arvind Kumar, Gobind Das, Biodiversity, Biotechnology and International Knowledge: Understanding Intellectual Property Rights, Narosa Book Distributors Pvt. Ltd., 2010
10. Jaiprakash G. Shevale, Forensic DNA Analysis: Current Practices and Emerging Technologies, 2013
11. Lori B. Andrews, Maxwell J. Mehlman, Mark A. Rothstein, Genetics: Ethics, Law and Policy, Gale Cenage, 2010 (3rd Edn)
12. SapnaRathi, Sex Determination Test and Human Rights, Neha Publishers & Distributors, 2011
13. David Price, Legal and Ethical Aspects of Organ Transportation, Cambridge University Press, 2000.
14. Karnika Seth, Computers, Internet and New Technology Laws, Lexis Nexis Butterworths Wadhwa Nagpur.
15. Justice Yatindra Singh, Cyber Laws, Universal Law Publishing Co, New Delhi, (2012).
16. Sudhir Naib, The Information Technology Act, 2005: A Handbook, OUP, New York, (2011).

Semester IX

LB-9064

Subject: Gender And Law

Credits- 04

(Minimum Lectures: 40)

Course Objective

This course focuses on gender policies in law. The main objective is to learn how law and legal institutions are mobilized as arenas for structuring, challenging and transforming gender norms, identities and roles.

Course Outcome

The students will be able to understand the gender equality.

Module-I: Sources of Law

(Lectures -10)

- i. Introduction
- ii. Primary Sources
- iii. Socio political Philosophy and Law
- iv. Religion, Custom and Conventions
- v. Secondary Sources
- vi. The Constitutions, Statutes and Judicial decisions

Module- II: Gender Equality and Constitution

(Lectures- 10)

- i. Preamble: Political Rights, Economic Rights and Social Justice
- ii. Fundamental Rights
- iii. Directive Principles of state Policy
- iv. Uniform Civil Code
- v. Fundamental Duties
- vi. Women's Representation in Local Bodies

Module -III: Understanding Gender and Law

(Lectures- 10)

- i. Concept of Gender
- ii. Historical Background of Gender
- iii. Position of Gender in the Perspective Modern era
- iv. Gender violence & Gender Discrimination
- v. Gender Neutral Laws
- vi. Gender and legal System

Module - IV: Women Welfare Laws

(Lectures-10)

- 1. The Dowry Prohibition Act, 1961
- 2. Pre-conception and pre-natal diagnostic techniques (Prohibition of Sex Selection)

4. Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013
5. Immoral Traffic (Prevention) Act, 1987 and Forced Prostitution
6. Cyber Crime and Victimization of Women
7. Labour Welfare Legislations: Maternity Benefit Act, Factories Act, Equal Remuneration Act,
8. The Prevention of Acid Attacks and Rehabilitation of Acid Attack Victims Bills, 2017

Suggested Readings:

1. Women and Social Reforms in Modern India Sumit Sarkar & Tanika Sarkar
2. Ann Taket- Eliminating Gender Based violence
3. Marie Failinger, Elizabeth Schiltz & Sushan J Stabile- Feminism, Law and Religion (Gender in Law , Culture and Society)
4. Women and Law -Prof. Nomita Aggarwal

References:

1. William N. Eskridge- Sexuality, Gender and the Law
2. Women and Law - Dr. Manjula Batra
3. Women and Law -G.P. Reddy

Semester-X

Semester-X
LB-1001
Subject: Dissertation

Compulsory Paper
Credits: 12

Semester-X
LB-1002
Subject: Viva Voce

Compulsory Paper
Credits: 04

Semester-X
LB-1003
Subject: Aid Clinic programs

Compulsory Paper
Credits: 04

Optional Paper

Semester-X

LB-10031

Subject: Socio-Economic Offences

Credits: 04

(Minimum Lectures 40)

Course Objective

The objective of socio-economic Affiance is to enhance the awareness in society regarding the gravity of these offences in comparison to Traditional offences. The Blackmarketing, hoarding, corruption, caste based mob lynchings, harassment at workplace etc ; are the much heinous crimes than traditional offences which affects society at large. Therefore, this paper has been incorporated in BBA.LLB. (H) Syllabus.

Module - I: **(Lectures-10)**

- i. Concept and Nature of socio economic offences,
- ii. Distinction between traditional offences and socio-economic offences.

Module - II: **(Lectures-10)**

- i. Domestic Violence
- ii. The Protection of Children from Sexual Offences Act, 2012.

Module - III: **(Lectures-10)**

- i. White Collar Crimes
- ii. Anti Corruption Laws

Module - IV: **(Lectures-10)**

- i. The Indecent Representation of Women (Prohibition) Act, 1986
- ii. The Scheduled Castes and the Scheduled tribes (Prevention of Atrocities) Act, 1989

Suggested Reading

1. Sutherland and Crssey - Criminology
2. Mahesh Chandra, ***Socio- Economic Offences*** (1979)
3. J.S.P. Singh, ***Socio- Economic Offences*** (1st Ed., 2005, Reprint 2015)
4. Ahmed Siddiqui, ***Criminology: Problems and Perspectives*** (4th Ed., 1997)
5. T.V. Nawal, ***Legally Combating Atrocities against SC and ST***, (2004)
6. Lawyers Collective (Ed. by Indira Jaising), ***Handbook on Law of Domestic Violence***, (1stEd., 2009)
7. Ghosh, Srikanta; Economic Offences Universal & Socio Economic Offences Law

Course Objectives

This course seeks to draw from the co-relationship of the quintessential Constitutional objective of free speech and expression, and existing Rights and Restrictions governing the fourth estate, the media. Media being a wider term, the course seeks to covers the various aspects of the law relating to the Press, dissemination of information, both commercial and non-commercial in nature, advertising, broadcasting, the cinema and such emerging jurisprudence, trends and platforms which are essential to fully appreciate the dimensions of media and law.

Course Outcomes

- To create amongst students an understanding of the relevant constitutional freedoms, legal issues and ethical principles pertaining to press and media.
- To understand the legal framework that is shaping the convergence of old media industries and the emergence of new ones.
- To appraise students with how the law is shaped, including the delicate balancing with changing dimensions of time and social values.
- To help students recognize and assert their legal right of freedom of speech and expression, privacy and at the same time analyse the restrictions, including the regulatory frameworks and to apply the same to emerging media.
- To familiarize students with the major principles of media law while examining the important court decisions and statutory enactments therein.

Module I

(Lectures-6)

Media and Law: An Introduction

- i. Meaning and Types of Media
- ii. Theories related with Media
- iii. Effect Theories related with Media
- iv. Importance of Media
- v. Historical background of Freedom of Speech and Expression in India with special reference to Print Media

Module II

(Lectures-12)

1. Constitutional framework of freedom of Speech and expression in India
 - ii. Meaning and development of freedom of Speech and expression
 - iii. Constitutional status of Media
 - iv. Facets of Media under Article 19(1)(a) of Right to circulate, Right to criticize, Right to conduct interviews, Right to express beyond national boundaries, Publication of parliamentary proceedings
2. Constitutional Restrictions on freedom of Speech and expression
 - i. The sovereignty and integrity of India
 - ii. The Security of the State

- iii. Friendly relations with Foreign States
- iv. Public Order
- v. Decency or Morality
- vi. Contempt of Court
- vii. Defamation or incitement to an offence

Module III

(Lectures-10)

1. Right to Privacy
 - i. Defining and origin of Privacy
 - ii. Privacy and the Right to freedom of Speech and expression
 - iii. The law on Privacy in India
2. Right to Information
 - i. Laws that License Secrecy
 - ii. Judicial recognition of the Right to Information
 - iii. Salient features of The Right to Information Act, 2005

Module IV

(Lectures-12)

1. Law and Ethics related with Advertisement with special focus on commercial speech
2. Regulatory and Broadcasting Framework: An Introduction
 - i. Press Council of India
 - ii. All India Radio
 - iii. Prasar Bharati (Broadcasting Corporation of India)
 - iv. Cable Television Network Act.
3. Media and its Contemporary Issues

Suggested Readings:

1. Durga Das Basu, Law of the Press ó 2nd Ed. ó New Delhi: Prentice Hall Inc., 1986.
2. MadhaviGoradia Divan, Facets of Media Law- A mini encyclopedia covering multiple dimensions of Media Law.
3. H.M. Seervai, Constitutional Law of India, 1991.
4. M.P. Jain, Constitutional Law of India, 1994.
5. Rajeev Dhawan, On the Law of the Press in India, 26 JILI 288(1984).
6. Soli Sorabjee, Law of Press Censorship in India, 1976
7. D.D. Basu, The Law of Press of India, 1980.
8. Kiran Prasad, Media Law in India, Kluwer Law International, 2011
9. Sorabjee, Soli J., Constitution, Courts and Freedom of the Press and the Media, B.N. Tirpak et al (eds.), Supreme But Not Infallible : Essays In Honour Of The Supreme Court Of India, 2000

Essential Case Law

1. Bennett Coleman & Co. v. Union of India, AIR 1973 SC 106
2. PrabhaDutt v. Union of India, 1982 SCR (1) 1184
3. Secy., Ministry of Broadcasting v. Cricket Association of Bengal, (1995) 2 SCC 161
4. ABP Pvt Ltd. v. Union of India, (2014) 3 SCC 327 01
5. Shreya Singhal v. Union of India, (2015) 5 SCC
6. Rajagopal v. State of Tamil Nadu, 1994 SCC (6) 632 44

7. Swatanter Kumar v. The Indian Express Ltd, 207 (2014) DLT 221 57
8. R.K.Anand v. Registrar, Delhi High Court, (2009) 8 SCC 106 78
9. Rajat Prasad v. CBI, (2014) 6 SCC 495
10. M P Lohia v. State of West Bengal, (2005) 2 SCC 686 118
11. Naveen Jindal v. Zee Media Corporation Ltd, (2014) 2 SCC 1
12. Secy., Ministry of Broadcasting v. Cricket Association of Bengal, (1995) 2 SCC 161
13. Ajay Goswami v. Union of India, AIR 2007 SC 493 178
14. Common Cause v. Union of India, (2015) 42 SCD 686
15. Odyssey Communications Pvt Ltd. v LokvidayanSanghatana, 1988 SCR Supp. (1) 486 210
16. S. Rangarajan v. P. Jagiyan Ram, 1989 SCR (2) 204 213
17. Bobby Art International v. Om Pal Singh Hoon, (1996) 4 SCC 1 229
18. Union of India v. Motion Picture Association, AIR 1999 SC 2334 238
19. Shreya Singhal v Union of India, 24 March 2015
20. Reliance Petrochemicals Ltd v. Proprietors of Indian Express Newspapers, Bombay Pvt Ltd., 1988 SCR Supp. (3) 212 247
21. Sahara India Real Estate Corp. Ltd. v. Securities & Exchange Board of India, (2012) 10 SCC 603
22. Jatish Chandra v. Hari Sadhan, AIR 1951 SC 613
23. MSM Sharma v. Krishna Sinha, AIR 1959 SC 395
24. C K Daphthary v. O P Gupta, (1971) 1 SCC 626
25. Jawaharlal Darda v. M G Kapsikar, (1998) 4 SCC 112

1001C

Department of Physics

Semester -I

Course Structure:

Sr. No.	Course Code	Paper Title	Credit
Core Paper			
1.	PHM 101	Classical Mechanics	4
2.	PHM 102	Mathematical Physics	4
3.	PHM 103	Quantum Mechanics-I	4
4.	PHM 104	Electronics-I	4
5.	PHM 105	Lab	8

Mode of Evaluation: Sessional 30% and End Semester 70%

Semester - II

Course Structure:

Sr. No.	Course Code	Paper Title	Credit
Core Paper			
1.	PHM 201	Quantum Mechanics-II	4
2.	PHM 202	Electromagnetic Theory	4
3.	PHM 203	Statistical Physics	4
4.	PHM 204	Condensed Matter Physics	4
5.	PHM 205	Lab	8

Mode of Evaluation: Sessional 30% and End Semester 70%

Semester - III

Course Structure:

Sr. No.	Course Code	Paper Title	Credit
Core Paper			
1.	PHM 301	Nuclear Physics -I	4
2.	PHM 302	Atomic and Molecular Physics	4
3.	PHM 303	Electronics- II	4
4.	PHM 304	Materials Science	4
5.	PHM 305	Lab	8

Mode of Evaluation: Sessional 30% and End Semester 70%

Semester - IV

Course Structure:

Sr. No.	Course Code	Paper Title	Credit
1.	PHM 400	Environmental Physics	Qualifying Paper 0
2.	PHM 401	Nuclear Physics -II	Core Paper 4
3.	PHM 402	Experimental Techniques	Core Paper 2
4.	PHM 411	Laser Technology	Optional paper- I 5
5.	PHM 412	Fiber Optics Communication	Optional paper-II 5
6.	PHM 413	Nanoscience & Nanotechnology	Optional paper-III 5
7.	PHM 414	Biophysics	Optional paper-IV 5
8.	PHM 403	Project /Dissertation	8

Mode of Evaluation: Sessional 30% and End Semester 70%

Anil Chaudhary Dr. Rakesh Kumar Dr. Brijesh

FST-402 FOOD PACKAGING

Course Credit: (3+3) =6
Objectives

Core Course

- Gain knowledge about various packaging materials and importance of packaging.
- Be familiar with testing and evaluation of packaging media.
- Be familiar with packaging law and regulation.
- Be able to select appropriate packaging material for a variety of foodstuffs via-a vis the need for preventing environment degradation.

Course Contents

UNIT I	Packaging : Definition, significance, classification, verities and trends. Packaging-developments, unit/Retail. Packaging of foods- fresh and processed general characteristics and food preservation.
UNIT II	Primary packaging media - properties and applications: Paper boards, metals, plastics, wood and ply wood, glass, flexible etc. Labels, caps & closures & wads adhesives, inks and lacquers, cushioning materials, reinforcements etc.
UNIT III	Packaging systems and methods for food products: Testing and evaluation of packaging media- retail packs (including shelf life evaluation) and transport packages. Vacuumpackaging, gas flush. Packaging, CAP, MAP, aseptic and retort packing. Bag - in box etc. Storage handling and distribution of packages (foods) – including palletisation and containerization.
UNIT IV	Packaging laws and regulation : FDA, PFA, packaging commodity rules. Weight and measures act etc. Coding and marking including bar coding.

Practical:

1. Determination of wax from wax paper
2. Tasting of lacquered tin plate sheets.
3. Measurement of tin coating weight by clarke's method.
4. To perform sulphide stain test.
5. To conduct ferricyanide paper test for porosity.
6. Determination of equilibrium moisture content.
7. Grading of glass, bottle for alkalinity.
8. Determination of water vapour transmission rate of packaging material.
9. To perform vacuum packaging of food sample and carry out its storage study.
10. Testing the compression strength of boxes.
11. Packaging the food material in seal and shrink packaging machine and study its shelf life.
12. Testing the strength of glass containers by thermal shock test.
13. Testing the strength of filled pouches by drop tester.

References

- Sacharow and griffin , food packing - AVI publications.
- Hotchikessfood packaging nitration - American chemical society.
- Stanley and szeltacharowfood packaging
- Darry, R.& T, Blackle : principles and applications of MAP - academic and professions.
- Bhatiya S.C. Canning and preservations of fruits nad vegetables- new delhi ,india.
- Dalzoett J. M. food industry and the environment - chapmann and hall, London.
- Robertson G.L. food packaging - new York , marcel dekker, INC.
- Bureau of G & Multon J. K food packaging technology (vol. 1,2) - VCH , publishers , INC , New York.

FST-104-BAKERY AND CONFECTIONARY TECHNOLOGY

Course Credit :(3+3)=6

Core Course

Objectives:

To important basic and applied technology of baking and confectionary and acquaint with the manufacturing technology of bakery and confectionary products.

Course Content:

UNIT I	Bakery raw material and quality parameters; Dough development; methods of dough mixing; dough chemistry. Rheological testing of dough-Farinograph, Mixograph, Extensograph, Amylograph / Rapid ViscoAnalyzer, Falling number, Honey's dough stickiness tester.
UNIT II	Technology for the manufacture of bakery products- Bread, biscuits, cakes and the effect of variations in formulation and process parameters on the quality of the finished product; quality consideration and parameter; Staling and losses in baking.
UNIT III	Sensory quality parameters of baked products. Different tests for sensory evaluation- discrimination, descriptive, affective; Ranking tests
UNIT IV	Quality characteristics of confectionery ingredients: Technology for manufacture of flour, fruit, milk, sugar, chocolate, and special confectionery; standards and regulations; machineries used in confectionery industry.

Practical:

Determination of dough relaxation constants and their interpretation; Effect of mixing method on the quality of baked product; Effect of mixing time on the rheological characteristics of dough; Effect of mixing time on the crispness and firmness of biscuits; Effect of additives on the quality and textural characteristics of bakery products; Development and quality evaluation of baked products based on composite flour; Preparation and quality evaluation of cakes, croissant, doughnuts, and pizza base; Effect of syrup consistency and temperature on the quality characteristics of hardboiled sweets; Preparation and quality evaluation of chocolate; Visit to bakery and confectionery industries.

References

- Professional Baking, 6th Edition, Wayne Gisslen, 6th Edition
- Complete Book of Baking: Over 400 Recipes for Pies, Tarts, Buns, Muffins, Cookies and Cakes, Martha Day
- Textbook of Bakery and Confectionery: Ashok Kumar Yogamba, Prentice Hall India; 2nd editions, 2012.
- Theory of Bakery and Confectionary. Yogambal Ashok Kumar: PHI Learning Pvt. Ltd., 2009.
- The Complete Confectioner, Pastry-Cook, and Baker: General Books LLC, 2009, Eleanor Parkinson.
- Sugar Baby Confections, Candies, Cakes & Other Delicious Recipes for Cooking with Sugar: Gesine Bullock-Prado, Tina Rupp, Abrams, 2011

MHD-101: EARLY CHILDHOOD CARE AND EDUCATION

Credit: 6 (3+3)

Objectives

- To gain knowledge and insight regarding principles of early childhood care and education
- To develop the skills and techniques to plan activities in ECCE centres of different types, to conduct activities in early childhood care and education and to work effectively with parents and community.

Contents:

UNIT I	Objectives, Principles, Importance, need and scope of ECCE Types of preschools/programmes: Nursery, Day care, Montessori, Kindergarten , Aganwadi School readiness
UNIT II	Concepts of non-formal and play way methods.
UNIT III	Contribution of the following thinkers to the development of ECCE John Locke, Pestalozzi, Rousseau, Froebel, Maria Montessori, John Dewey, Gijjubhai Badhekha, Tarabai Modak , M.K . Gandhi, Rabindranath Tagore.
UNIT IV	Contribution of the following agencies /programmes to ECCE in India ICCW, IAPE, NCERT, ICDS, UNICEF, NCTE, Mobile Crèche
UNIT V	Programme planning Planning: Setting goals and objectives of plans –long term, short term, weekly and daily planning, routine and schedules.

Practicals:

1. Visit and critical evaluation of a Day care centre/ Preschool
2. Preparing teaching material kit on different concepts such as concept of size, shape, colour etc.
3. Preparation and use of the following:
 - Story booklet
 - Puppets with script for puppet show
 - Art and craft resource file
 - Readiness games
4. Theme Based Programme Planning

References:

1. Bhatia & Bhatia (1995). Theory and principles of education, Doaba House, Delhi.
2. Brewer, J.A. (1998).Introduction to early childhood Education. (3rd ED.). Boston :Allyn& Bacon
3. Carol, E.C. and Jan Allen (1983). Early childhood curriculum, University of Tennessee, New York: Macmillan.
4. Day Barbara (1983) . Early childhood education, New York: Macmillan.
5. Grewal, J.S. (1984).Early childhood education, Agra National Psychological Corporation Pub.
6. Hildebrand Verna (1981). Introduction to Early Childhood Education, N.y.:Macmillan.
7. Hildebrand Verna (1985). Guiding the young child, NY.:Macmillan.

MHD-403 PERSON WITH DISABILITY

Credits: 6 (3+3)

Objectives

- To become aware of various impairments and the manner in which these affect the lives of individuals.
- To identify the physical and social barriers which create difficulties for people with disabilities.
- To understand that there is a wide variation between people with disabilities and they are not a single group.
- To realise that the experiences of individuals with disabilities are related to their age, gender and also shaped by the context.
- To become aware of experiences of persons with disabilities and recognise that having an impairment is only one aspect of their lives

Contents

UNIT I	Various approaches to defining and understanding disability-Philanthropic, medical, administrative, legal and the social.
UNIT II	Different types of disabilities, causes and effects on individuals-Physical, Intellectual, Emotional, Sensory
UNIT III	Techniques of identification and assessment.
UNIT IV	Use of assistive devices.
UNIT V	The philosophy of inclusion. Physical and social barriers in the development of persons with disabilities Attitudes of people towards disability. The rights versus needs of persons with disabilities. Programmes and policies for persons with disabilities.

Practicals:

1. Review and critique of portrayal of persons with disabilities in the media.
2. Tools and approaches to assessment
3. Case study of two persons with disability-a child and an adult.
4. Case study of an organisation with particular reference to its physical and social environment.
5. Designing assistive devices for disabled.

References

1. Baquer, A. (1994). Disabled, Disablement, Disablism. New Delhi: Voluntary Health Association of India.
2. Council for advancement of people's action and rural technology (CAPART). (1996). Disability: A strategy to promote the participation of people with disabilities in programmes for rural development. New Delhi: CAPART.
3. Kanga, F. (1990). Heaven on wheels. New Delhi: Penguin Books.
4. Narashimhan, M.C. & Mukherjee, A.K. (1986). Disability a continuing challenge. New Delhi: Wiley Eastern Limited.
5. Oliver, M. (1996). Understanding Disability: From theory to practice. London: Macmillan Press.
6. Pandey, R.S., & Advani, L. (1996). Perspectives in disability and rehabilitation. New Delhi: Vikas Publishing House Private Limited.

MHD-303: INTERNSHIP

Credit: 6 (0+6)

The students are required to undertake compulsory four to six weeks training (preferably during semester break) in a reputed NGOs/ Organizations. On completion of the training, the students are required to submit a report. The Departmental Committee on the basis of certificate furnished from the host organization, training report and viva voce will assess the students' performance. The grades will be awarded accordingly.

FST-303: Training Program

Course Credit: (3+3) =6

Core Course

The students are required to undertake compulsory four to six -weeks training (preferably during semester break) in a reputed food industry/organization after completion of major courses. On completion of the training, the students are required to submit a report. The departmental committee on the basis of certificate from host industry/organization, training report, and viva voce will assess the student's performance. They will be awarded Satisfactory/Unsatisfactory with grade.

Internship for students

FST-101-FOOD PROCESSING AND TECHNOLOGY

Course Credit: (3+3) =6

(Core course)

Objectives:

- Impact systematic knowledge of basic and applied aspects of food processing and technology.
- Provide the necessary knowledge of basic principles and procedures in the production of important food products.
- Orient the students to potential use of various by-products of food industry.

Contents

Unit-I	Definition, food preservation and food processing, Significant role of food processing in food industry, principals of food preservation, food additives ,
Unit-II	Preservation and processing methods: Chemical principles in food processing- by sugar, salt, curing, smoke, acid and chemical Physical principles in food processing -Thermal processing, Non-thermal processing, Refrigeration, Freezing, Dehydration, ionising radiations.
Unit-III	Processing technology of foods for by product Cereals and Pulses: wheat milling process, rice processing and oilseeds processing fruit and vegetables: post-harvest processing practices Milk and meat products: milk processing, chemistry of processed meats
Unit-IV	Product development and their characteristics Product processing and Changes in product that affect texture, flavour, colour, nutritive value and safety during handling storage and packaging.

Practical:

- Chemical processing of food by salt, sugar and acid. Use of chemicals in preservation of foods;
- Thermal processing of foods; Dehydration of foods; Refrigeration Freezing of foods; Concentration of foods;
- Fermented food products; Extrusion cooking of foods;
- Development of processed food and its organoleptic evaluation.
- Market survey, consumer survey to identified new products in terms of: innovative product, creative products , new packaging of existing product and so on .
- Visit to a food processing plant.

References

- Gould, G.W. (1995), New Methods of Food Preservation, Blackie Academic and Professional, London
- Connor, J.M. and Schick W. A. (1997), Food Processing and Industrial Powerhouse in Transition, John Wiley and Sons, New York
- Stadelman, W.J. and Cotterill, D. J. (1986), Egg Science and Technology, AVI, Publishing Co., Inc, Westport
- Arthey, D. and Ashurt, P.R (1996), Food Processing, Blackie Academic and Professionals, London
- Phillips, R. D. and Finley J. W. (1989), Protein Quality and Effects of Processing, Marcel Dekker, Inc. New York
- Inglett, G. C. and Munet, L. (1980), Cereals for Food and Beverages, Academic Press, New York.
- Jellen, P. (1985), Reston Publishing Co., Inc, A Prentice- Hall Co., Virginia
- Kalp, K. Lorenz, K. and Brunner, J. (1995), Forzen and Refrigerator, Doughs and Batters, American Association of Cereal Chemist, Inc. St. Paul, Minnesota.
- Von Loesccke, H. W. (1998), Food Technology Series: Drying and Dehydration of foods, Allied Scientific Publishers.
- Matz, S.A.(1996), Bakery Technology and Engineering, III Edition, CBS Publishers, New Delhi
- Fellows, P.J. (2000), Food Processing Technology: Principles and Practice, II Edition, CRC Woodhead Publishing Ltd., Cambridge.
- Hosene, R.C.(1996), Principles of Cereal Science and Technology, II Edition, American Association of Cereal Chemist, St. Paul, Minnesota.
- Salunkhe, D.K. and S.S. Kadam(1995), Handbook of Fruit Science and Technology: Production, Composition, Storage and Processing, Marcel Dekker INC. New York.
- Asker, A, Freptor, H. (1993) Quality Assurance in Tropical Foods Processing, Springer-Verlag, Berlin
- Oliveira, A.R., Oliveira, J.C. (1999), Processing Foods Quality Optimization and Process Assessment, CRC Press, Boca Raton
- Peter Fellows (ed) (1997), Traditional Foods: Processing for Profit, Intermediate Technology Publications, London
- Harris, R.S. and Karmas, E.(1975), Nutritional Evaluation of Food Processing, AVI Publishing Co., Westport, Connecticut.
- Tannerbaum, S.R., Nutritional and Safety Aspects of Food Processing, Marcel Dekker, Inc. New York
- Mathews, R.H., Legumes: Chemistry, Technology and Human Nutrition, Marcel Dekker, Inc, New York
- Kokini, J.L.,H.o, C.T. and Karwe, M.V.,Food Extension Science and Technology, Marcel Dekker, Inc. New York.
- Akoh, C.C. and Swanson, B.G., Carbohydrates Polysters as Fat Substitute, Marcel Dekker, Inc. New York.
- Stephan, A.M., Food Polysaccharides and Their Applications, Marcel Dekker, Inc, New York

FST- 302- NUTRACEUTICALS & HEALTH FOODS

Course Credit: (3+3) =6

Core Course

Objectives:

To cater to the newly emerging area of neutraceutical with respect to the types, mechanisms of action, manufacture of selected neutraceutical, product development, clinical testing and toxicity aspects.

Course Content:

UNIT I	Introduction to neutraceutical: Definitions, synonymous terms, basis of claims for a compound as a neutraceutical, regulatory issues for neutraceutical including CODEX.
UNIT II	Concept of angiogenesis and the role of neutraceutical/functional foods; Neutraceutical for cardiovascular diseases, cancer, diabetes, cholesterol management, obesity, joint pain, immune enhancement, age-related macular degeneration, endurance performance and mood disorders - compounds and their mechanisms of action, dosage levels, contraindications if any etc.
UNIT III	Manufacturing aspects of selected neutraceutical Lycopene, Isflavonoid, prebiotics and probiotics, glucosamine, Phytosterols. Formulation of functional foods containing neutraceutical - stability and analytical issues, labelling issues.
UNIT IV	Clinical testing of neutraceutical and health foods; Interactions of prescription drugs and neutraceutical; adverse effects and toxicity of neutraceutical; nutriagenomic-an introduction and its relation to neutraceutical.

Practical:

Market survey of existing health foods; identification and estimation of selected neutraceutical; production and quality evaluation of foods containing neutraceutical; development of labels for health foods; visit to relevant processing Units.

Reference

- Handbook of Nutraceuticals and Functional Foods, Second Edition (Modern Nutrition), Robert E.C. Wildman, CRC Press
- Biotechnology in Functional Foods and Nutraceuticals, Debasis Bagchi, Francis C. Lau, Dilip K. Ghosh, CRC Press
- Functional Foods and Nutraceuticals, Aluko, Rotimi E., Springer
- Functional Foods and Nutraceuticals in Cancer Prevention Hardcover: Jul 2003: Ronald Ross Watson, Wiley-Blackwell; III edition.

- Functional Foods: Designer Foods, Pharmafoods, Nutraceuticals, 1994, Israel Goldberg, Springer Science & Business Media.
- Handbook of Nutraceuticals Volume I: Ingredients, Formulations, and Applications: Yashwant Pathak, 2009, CRC Press.

Department of Law
School of Legal Studies

With reference to implementation of open elective course in semesters followed by university, the Department of Law is offering the following two papers under choice based credit system. **Dr. S.K.Chaddha and Dr. Sufiya Ahmed** will be the advisors of the said course. The details of the papers, time table etc. are as below:

1. Indian Environmental Law

1. Indian Environmental Law

1. General Course Information: the paper of Indian Environmental Law is open for the students of first semester under choice based credit system of the university.

1.1 Name of the course: Indian Environmental Law

1.2 **Code: ML-OG- (EL) 102**

1.3 **Credit: 04**

2. Course objective:

Since the inception of human history, environment has played a vital role in sustaining life and catering to the needs of human beings. However in due course of time man has been swayed by the desire of greater industrialization, urbanization, modernization ultimately at the cost of the environment. In such a situation the role of national governments, the role of individuals and that of society towards environment protection has become very important. Therefore, today Environmental Law is one of the most important tools for environment protection and management and hence it is necessary for every student to understand this multidisciplinary subject.

In this context, the Department of Law, SLS, Babasaheb Bhimrao Ambedkar University, Lucknow proposes to launch an academic program in CBCS titled 'Indian Environmental Law'.

2.2 Course Outcomes:

This course introduces the multidisciplinary subject of environmental law and is designed to create among the students-

3. To familiarize the students with the overall environmental legal regime of the country as well as its international obligations and would further equip the students with basic knowledge and skills to understand environmental issues.
4. To make the students aware about the provisions under the Indian Constitution for protection of environment and the various legislative measures. It also provides an opportunity to the students to understand the activist role played by Indian Judiciary in protection of environment and evolution of different principles.
5. A spirit of inquiry to explore the development of Indian environmental law and various legislations and its application in India for the protection of environment.
6. Awareness regarding the problem of environmental pollution and Law as a means of prevention of environmental pollution and protection of environment.
7. Students will get the knowledge about the Environment (protection) Act, powers of central government and state government to make laws and Environment Tribunals.

2. Syllabus:

Module-I

Meaning and concept of Environment, Constitutional Provisions related to environmental protection, Environmental rights under common law principles, Environmental rights as human rights.

Module-II

Legal regime of pollution control-water pollution and air pollution control-specific legislations, Environment (Protection) Act, 1986, National Green Tribunal Act, 2010

Module-III

Noise pollution regulation, Nuclear and Radiation Pollution, Judicial Response and environment protection.

Module-IV

- Public Insurance Liability Act, 1991, Hazardous wastes management regulation, Environment Impact Assessment Law.

3. Recommended Readings

1. Rosencranz Armin and Divan Shyam, Environmental Law & Policy in India: Cases Materials and Statutes
2. Leelakrishnan P, The Environmental Law in India
3. Kailash Thakur, Environmental Protection Law and policy in India.
4. CM, Araham, Environmental Jurisprudence in India.
5. Indian Law Institute, Mass Disasters and Multinational Liability: The Bhopal Case (1986),

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

- a. **Evaluation Pattern :** The evaluation of the students will be based on the internal assessment as well as end term examination. The fraction of marks will be as follows:

I.End term examination: 70%

II.Internal assessment :

- a. **Home Test:** 10%
- b. **Assignment:** 10%
- c. **Presentation:** 10%

Cyber Crimes

1. General Course Information: the paper of Indian Cyber Crimes is open for the students of first semester under choice based credit system of the university.

1.1 Name of the course: **CYBER CRIMES**

1.2 Code: **ML-OG-(CL) 403**

1.3 Credit: **04**

1.4 Course Objective:

The development of information technology has improved communication, has facilitated the growth of trade and commerce and overall has made life comfortable and. At the same time, the global reach of the Internet, the low marginal cost of online activity, and the relative anonymity of users have contributed to a wide escalation in cybercrimes.

This course provides an overview of cybercrime and the cyber law practices put in place to respond to them.

The aim of this paper is to acquaint the students with the significance of Cyber space and to highlight the various legal, social and national issues pertaining to the breach and commission of offence in cyber space thus creating the basic clarity and understanding of cybercrimes and cyber security laws in India.

The paper is limited in scope to laws governing the aforesaid issues to India only. Therefore, references will be drawn to Information Technology Act, 2008, The Indian Penal Code, the Code on Criminal Procedure, Data Protection Laws and Indian Case laws. However, to facilitate understanding the evolution of concepts and legal principles governing cyberspace issues, reliance on foreign judgments and legislations will be made if necessary.

Course Outcomes:

Students completing the course will be able to:

- Define and describe the nature and scope of cybercrime;
- Analyze and discuss national cyber law and its enforcement efforts;
- Develop knowledge of major incidents of cybercrime and their resulting impact;
- Critically evaluate the impact of cybercrime on Data Protection;
- Discuss the facets of Freedom of Speech and Expression in the Cyberspace domain.

2. Syllabus:

Module- I

Historical Genesis and Evolution of Cyber Crimes

Meaning, Definition, Nature & scope of cyber crimes

Distinction between cyber crime and conventional crimes

Module- II

Information Technology Act, 2000: Aims and Objects-Overview of the Act.

Statutory laws pertaining to Cyber Crimes in India: Changes in IPC and IEA.

Module- III

Kind of cyber Crimes: Stalking, Pornography, Forgery, Online fraud, Cyber terrorism, Hacking ,etc.

Module- IV

Emergence of Data Protection Laws in India

Freedom of Speech and Expression in Cyberspace

Recommended Reading:-

Douglas Thomas & Brian D. Loader, *Cyber Crimes*

Talat Fatima, *Cyber Crimes*

Thomas J. Holt, Adam M. Bossler, Kathryn C Seigfried-Spellman; *Cybercrime and Digital Forensics An Introduction*

J.P. Mishra, *An Introduction to Cyber Law*

Peter Stephenson, *Investigating Computer-Related Crimes*

Prashant Mali, *Cyber Law and Cyber Crimes*

Stephenson, Peter ; *Investigating Computer-Related Crime.*

Vakul Sharma, *Information Technology Law and Practice*

Pavan Duggal , *Cyber Law-An exhaustive section wise commentary on the Information Technology Act alongwith Rules, Regulations, Policies, Notification etc,*

Broadhurst, Roderic G. & Grabosky, Peter, N.; *Cyber Crime: The Challenge in Asia.*

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

2.1 Evaluation Pattern : The evaluation of the students will be based on the as well as end term examination. The fraction of marks will be as follows:

I. End term examination: 70%

II. Internal assessment :

d. Home Test: 10%

e. Assignment: 10%

f. Presentation: 10%

Department of Law

New syllabus Compulsory and Optional Papers 2019

LL.M.

Course Structure of LL.M.

1st Semester

Paper-1- ML-CP-101 Constitutional Law of India-I

Paper-2-ML-CP-102 Jurisprudence & Legal Theory-I

Optional Group: Administrative Law-1

Paper-1- **Code: ML- OG- (AL) 101-** Comparative Administrative Law

Paper-2- **Code: ML-OG-(AL) 102-** Administrative Process: Adjudicatory and Discretionary powers of the Administration

Optional Group: Environmental Law-2

Paper-1- **Code: ML-OG-(EL) 101-** International Environment Law

Paper-2- Code: **ML-OG- (EL) 102-** Indian Environmental Law

Optional Group: Science, Technology And Law-3

Paper-1- **Code: ML-OG-(STL) 101-** Biotechnology and Law

Paper-2- Code: **ML-OG-(STL)102-** Nuclear Technology: Dilemmas of Legal Controls.

IInd Semester

Paper-1- ML-CP-201 Constitutional Law of India-II

Paper-2- ML- CP- 202 Judicial Process & Jurisprudence óII

Optional Group: Administrative Law-1

Paper-3- **Code: ML-OG- (AL) 203-** Public Authorities: Judicial Control & Liability

Paper-4- **Code: ML-OG-(AL) 204-** Local self-Governance and Public Authorities: Control on Maladministration

Optional Group: Environment Law-2

Paper-3- Code: OG- (EL) 203- Natural Resources Law and policy

Paper-4- Code: OG-(EL) 204- Environment and Development: Policy in India

Optional Group: Science, Technology And Law-3

Paper-3- Code: **ML-OG- (STL) 203- Information Technology and Legal Order**

Paper-4- Code: **ML-OG-(STL) 204- - Law, Science and Medicine**

IIIrd Semester

PAPER CODE: ML-CP-301: Research Methodology

Paper Code: ML- CP-302: Law and Social Transformation

Optional Group: Intellectual Property Rights-4

Paper-1- Code: **ML-OG- (IPR) 301- Fundamentals of Intellectual Property Rights**

Paper-2- Code: **ML-OG- (IPR) 302- Law of Copyright**

Optional Group: Criminal Law-5

Paper-1- Code: **ML- OG- (CL) 301- Criminal Law- Comparative Study**

Paper-2- Code: **ML-OG- (CL) 302- Socio Economic Offences**

IVth Semester

Paper-1- PAPER CODE: **ML-CP-401: Dissertation:**

Paper-2- PAPER CODE: **ML-CP-402: Viva Voce Examination**

Optional Group: Intellectual Property Rights-4

Paper-3- Code: **ML- OG- (IPR) 403: Law of Patent, Plant Varieties & Farmers Rights**

Paper-4- Code: **ML-OG- (IPR) 404: Law of Trade Marks and Geographical Indications**

Optional Group: Criminal Law-5

Paper-3- Code: **ML- OG- (CL) 403- Cyber Crimes**

Paper-4- Code: **ML- OG- (CL) 404- Criminology and Penology**

Note: Each Paper is of 06 Credits. One credit is equal to 10 periods minimum.

COURSE STRUCTURE OF LL.M.

1ST SEMESTER

COMPULSORY PAPERS

ML-CP-101
Paper-1 CONSTITUTIONAL LAW OF INDIA-I
Total 06 Credits

Module I **02 credits**

Constitutionalism, Preamble, The concept of Federalism, co-operative federalism, Relation between Union and states.

Module II **02 credits**

Fundamental Rights - Concept - Nature - Necessity and justification, state, Right to equality:- Scope, new approaches , equality of opportunity in matters of public employment and admission to educational institution, Affirmative Action.

Module III **01 credit**

Right to freedom, **Rights** against exploitation, Right to Freedom of Religion,

Module IV **01 credit**

Cultural and educational Rights, Constitutional Remedies, Public Interest

Litigation, Directive Principles of State Policy - Nature, and justifiability, Inter relationship between Fundamental Rights and DPSP, Fundamental duties.

Suggested Reading

1. M P Jain: Indian Constitutional Law
2. H M Seervai: Constitutional Law of India
3. V N Shukla : Constitution of India
4. Constitutional Assembly Debates
5. P. Ishwara Bhat: Inter-relationship between Fundamental Rights
6. Hidayatullah, M (ed): Constitutional Law of India.
7. Tope, T.K. : Constitutional Law of India
8. Datar, Arvind P : Constitutional Law of India
9. Kagzi M.C. Jain : Constitutional Law of India
10. Dicey, A.V.: An introduction to the study of the Law of Constitution.
11. Pylee, M.V.: Constitution of the World.
12. Bakshi, P.M.: The Constitutional of India.
13. Kashyap Subhash. : Constitutional Law of India
14. D. D. Basu, Shorter Constitution of India
15. J. V R Krishna Iyer: Fundamental Rights and Directive Principles
16. P K Tripathi: Some Insight into Fundamental Rights
17. S P Sathe: Fundamental Rights and Amendment to the Constitution
18. P B Gajendragadkar Law: Liberty and Social Justice
19. K C Wheare Federal Government

Paper Code: ML- CP- 102
Paper-2 JURISPRUDENCE & LEGAL THEORY-I
Total 06 Credits

Module-I **02 credits**

Analytical Positivism ó Imperative Theory of Law, Austin, Hart. Pure Theory of Law

Module -II **01 credit**

Historical School ó Volksgeist Theory of Savigny, Anthropological approach of Henry Maine

Module-III **02 credits**

Sociological School ó Theories of Ihering, Ehrlich, Duguit and Roscoe Pound.

Realist School

01 credit

Module-IV

Natural Law Theory, Revival of Natural Law, Law & Morality

Recommended Readings

1. Bodenheimer : Jurisprudence (1986)
2. Allen C.K. : Law in the Making (1961)
3. Dias : Jurisprudence (1990)
4. Baxi, Upendra : Towards a Sociology of Indian Law (1986)
5. Baxi, Upendra : The Indian supreme Court and Politics (1980)
6. Collins, Hugh : Marxism and Law (1982)
7. Paton : A Text Book of Jurisprudence
8. Rawls, John : A Theory of Justice (1972)
9. Finnis, J : Natural Law and Natural Rights (1980)
10. Hart, H.L.A. : Concept of Law (1994)
11. Lloyd, Dennis : Introduction to Jurisprudence (1979)
12. Maine, Henry : Ancient law (1900)
13. Laski, Harold J. : Liberty in the Modern State (1961)
14. Dhavan, Rajeev : The Supreme Court of India ó a Socio-Legal Critique of its Juistic Techniques(1977)
15. Dworkin, Ronald : Taking Rights Seriously (1977)
16. Mill, J.S. : On liberty (1974)
17. Miller, D. : Social Justice (1976)
18. Nozick, R. : Anarchy, State and Utopia (1974)

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

OPTIONAL GROUPS

OPTIONAL GROUP:01

Administrative Law

Paper Code- ML-OG-(AL) 102 Total 06 Credits

Paper-1 COMPARATIVE ADMINISTRATIVE LAW

Module-I 02 credits

Evolution and significance of Administrative Law in various systems of governance from ancient to modern- England, U.S.A., France, and India.

Concept of State- laissez faire and welfare state ó as a services provider. Other functions of modern state: relief welfare, Relationship between Constitutional Law and Administrative Law, Droit Administrative

Module-II 01 credit

Separation of Powers- Comparative study of English, U.S.A. France and India.

Rule of Law changing dimensions, Classification of Administrative Actions.

Natural Justice in Administrative Actions

Module-III 02 credits

Rule Making Powers of the Administration , Delegated legislation- problems, process and control, comparative approaches, Constitutionality of delegated legislation., Requirement for the validity of delegated legislation. Conditional legislation., Sub delegation of legislative power.

Module- IV 01 credit

Control Mechanism of administrative rule making power-Procedural Control- Consultation of affected interest, public participation in rule making procedure, and publication. Parliamentary control- laying procedures and their effect, committees on delegated legislation judicial control

Recommended Readings:

1. Peter H. Schuck, Foundations of Administrative Law (1994), Oxford, New York.
2. Neville L. Brown and J.F. Garner, French Administrative Law
3. Davis, Discretionary Justice
4. De Smith, Judicial Review of Administrative Action (1995)
5. Jennings Ivor, Law and the Constitution.
6. Schwartz & Wade, Legal Control of Government.
7. Friedman, The State and the Rule of Law in a Mixed Economy
8. Dicey, Introduction to the Law of the Constitution,
9. M.P. Jain, Cases and Materials on Administrative Law (1996), Vol.I, Wadha, Nagpur.
10. S.P. Sathe, Administrative Law (1998), Butterworths, India.
11. De Smith, Judicial Review of Administrative Action (1995), Sweet and Maxwell.
12. I.P. Massey, Administrative Law (1995), Eastern, Lucknow.
13. Bagawati Prosad Banerjee, Writ Remedies, (1999), Wadhwa, Nagpur.
14. B.Schwartz, An Introduction to American Administrative Law.
15. K.S. Shukla and S.S.Singh, Lokayukta: a Social Legal Study (1988), Indian Institute of Public Administration, N.Delhi.
16. Neil Hawke and Neil Papworth, Introduction to Administrative Law (1996), Lawman, New Delhi.
17. D.D.Basu, Comparative Administrative Law,
18. Donald C. Rowat, The Ombudsman (1966), George Allan and Unwin Ltd., Toronto

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one

Paper Code- ML-OG-(AL) 102 **Total 06 Credits**
Paper-2 Administrative Process: Adjudicatory and Discretionary powers of the Administration

Module-I	02 Credits
Adjudicatory power of the Administration - Need for evolution of administrative adjudication, distinction between judicial and quasi judicial functions, distinction between Court & tribunal, Tribunals - Need, Nature, Kinds, Constitution, Jurisdiction, and Procedure, Judicial process of administrative tribunals.	
Module-II	01 Credit
Administrative Tribunals Act 1985, Central Administrative Tribunal (CAT), State Administrative Tribunal (SAT), Railway Claims Tribunal (RCT).	
Module-III	02 Credits
Administrative Discretion- Need, scope and limits, mala fide exercise of discretion, non- exercise of discretionary authority, irrelevant considerations, non -exercise of discretionary power, Judicial Control of Discretionary Power	
Module-IV	01 Credit
Government Privileges in Legal Proceedings	

Recommended Readings:

1. D.D. Basu, Comparative Administrative Law.
2. Friedman, The State and the Rule of Law in a Mixed Economy
3. Peter H. Schuck, Foundations of Administrative Law, Oxford, New York.
4. Dicey, Introduction to the Law of the Constitution,
5. Neville L. Brown and J.F. Garner, French Administrative Law
6. Davis, Discretionary Justice
7. De Smith, Judicial Review of Administrative Action
8. M.P. Jain, Cases and Materials on Administrative Law, Wadha, Nagpur.
9. S.P. Sathe, Administrative Law, Butterworths, India.
10. De Smith, Judicial Review of Administrative Action, Sweet and Maxwell.
11. I.P. Massey, Administrative Law, Eastern, Lucknow.
12. Bagawati Prasad Banerjee, Writ Remedies, Wadhwa, Nagpur.
13. B. Schwartz, An Introduction to American Administrative Law.
14. K.S. Shukla and S.S. Singh, Lokayukta: a Social Legal Study, Indian Institute of Public Administration, New Delhi

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

OPTIONAL GROUP:2

ENVIRONMENT LAW

Paper Code: ML- OG-(EL) 101

Paper-1 INTERNATIONAL ENVIRONMENT LAW

Total 06 Credits

Module-I

02 Credits

1. Historical development of International Environment Law.
2. Soft Law and Hard Law, Global Environmental Organisations.
3. Environmental Summits: Stockholm Conference to Rio+ 20.

Module-II

02 Credits

1. Principles of international environment law: Intergenerational equity, Polluter pays Principles,
2. Precautionary Principles, Public Trust Doctrine.
3. World Commission on Environment and Development, *Our Common Future*, 1987. Notion of Sustainable Development and Sustainable Development Goals, 2030

Module-III

01 Credit

1. Regulation of hazardous wastes.
2. Problem of Climate Change in its broader context.
3. Trade and Environment: WTO and TRIPs Agreement.

Module-IV

01 Credit

1. Conservation on Wetlands (Ramsar Convention).
2. Convention on International trade in endangered Species (CITES)
3. Conservation of Biological Diversity (CBD) Intellectual property rights and biodiversity conservation, Cartagena Protocol on Bio safety.

Recommended Readings

1. Birnie and A. Boyle, "International Law and Environment" 2009. Oxford University Press.
2. Stuart Bell and Donald McGillivray, Environmental Law (2000), Blackstone Press.
3. Singh Gurdip, "Environmental Law" 2016 Eastern Book Company, Lucknow (India).
4. Phillippe Culet, Intellectual Property Protection and Sustainable Development, (2004) Lexis Nexis Butterworth, New Delhi.
5. Caldwell, Lynton Keith, "International Environmental Policy: Emergence & Dimension."
6. World Commission on Environment and Development, *Our Common Future* (1987) Oxford University Press.
7. Aynsley Kellor, International Toxic Risk Management (1999), Cambridge University Press.
8. Abdul Haseeb Ansari, *Future Directions in Conservation of Biological Diversity: An Interdisciplinary Approach*, in Michael I Jaffery, Jeremy Firestone and KarenBubna-Litic, *Biodiversity Conservation Law & Livelihoods Bridging the North- South Divide*, 132 (Cambridge University Press, 2008).

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code- ML-OG-(EL) 102

Paper-2 INDIAN ENVIRONMENTAL LAW

Total 06 Credits

Module-I

02 Credits

Meaning and concept of Environment, Constitutional Provisions related to environmental protection, Environmental rights under common law principles, Environmental rights as human rights.

Module-II

01 Credit

Legal regime of pollution control-water pollution and air pollution control-specific legislations, Environment (Protection) Act, 1986, National Green Tribunal Act, 2010

Module-III

01 Credit

Noise pollution regulation, Nuclear and Radiation Pollution, Judicial Response and environment protection.

Module-IV

02 Credits

Public Insurance Liability Act, 1991, Hazardous wastes management regulation, Environment Impact Assessment Law.

Recommended Readings

1. Rosencranz Armin and Divan Shyam, Environmental Law & Policy in India: Cases Materials and Statutes
2. Leelakrishnan P, The Environmental Law in India
3. Kailash Thakur, Environmental Protection Law and policy in India.
4. CM, Araham, Environmental Jurisprudence in India.
5. Indian Law Institute, Mass Disasters and Multinational Liability: The Bhopal Case (1986),

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

OPTIONAL GROUP: 3

LAW, SCIENCE AND TECHNOLOGY

Paper Code- ML-OG-(LST) 101 **Total 06 Credits**
Paper-I BIOTECHNOLOGY AND LAW

Module -I	02 Credits
Interface of science and technology with law, Emerging Technologies, Science, Technology and Human Rights, Legal Order and Technological, Innovation, Genetic Engineering, Bio- technology and Human Health, Genetic Markers: Diagnostic biotechnology, Genetic screening: Uses and abuses of amniocentesis, Cloning of human beings.	
Module -II	02 Credits
Biotechnology, Agro-business and Biological Diversity, Plant Genetic Resources in Nature: Abundance of biological diversity, The Genetic mutation of Seed: Seed industry at global level: Indian Seeds Act,1966	
Module -III	01 Credit
Biotechnology and Biological Diversity, The Impact of Biotechnology on Biological Diversity: Erosion of plant genetic resources, Patenting of new plant varieties, The green revolution and biotechnology.	
Module -IV	01 Credit
Legal Regulation of Biotechnology, Regulation of government sponsored research Regulation of release of genetically mutated micro-organisms, Comparative perspective, Progress of biotechnology and legal regulation in India.	

Select bibliography

1. U.Baxi, Biotechnology and Legal Order: Dilemmas of the Future of Law and Human Nature (1993).
2. D. Bull, A Growing Problem : Pesticide and the Third World Poor (1982)
3. J. Doyle, Altered Harvest, Agriculture, Genetics and Fate of The World's Food Supply (1986)
4. Z. Harsanyi & R. Hutton, Genetic Prophecy: Beyond the Double Helix (1987)
5. United Nations, Our Common Future: The World Commission on Environment and Development (1987)

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code- ML-OG-(LST) 102

Paper-2 Nuclear Technology: Dilemmas of Legal Controls.

Total 06 Credits

02 Credits

Module - I

Nuclear Fission/Fusion, Radioactivity, Nuclear fuel, Development in Civilian Uses of Nuclear Energy

Atoms for Peace and International Atomic Energy Commission (IAEA), The European Atomic Energy Community (EUROTAM) , Development of nuclear industry at a global level.

Module -II

01 Credit

India's Atomic Energy Programme: India's overall energy needs and planning, Technology transfer and India's nuclear programme, The Atomic Energy Commission Act.

Hazard Aspects of Nuclear Power: Plant Location: Problems of Sites, Uranium mining associated hazards

Module -III

02 Credits

Accidents Potential: e.g. fuel failure recirculation pump failures, control valve leaks, failure of shut-down device, metal failure, of electronic monitoring and control systems, Occupational hazards for workers at research institutes and nuclear plants.

The Regime of legal liability including: Right to information as to levels of radioactivity, Right to compensation, Right to meaningful rehabilitation, Other Associated Hazards and Other Management

Module -IV

01 Credit

The nature and magnitude of nuclear wastes: Reprocessing, Entombment, Low level wastes and High Level Wastes, Reprocessing of wastes, Vitrification, Dumping.

Legal Aspects: Secrecy, Minimum public participation, Right to information, Regimes of liability for mass disasters and personal injuries, Environmental Law regulation of the hazardous aspects of nuclear energy production.

Select bibliography

In addition to official documents (e.g., Report of the DAE and Regulative Texts, consult, Centre for Science and Environment, The State of India's environment : 1984-1985 : The Second Citizen's Report (1985) Also see relevant articles in Economic and Political Weekly; and the recent Supreme Court decision on the EEC radioactive butter case.

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

LL.M.: Semester - II

Compulsory Papers

ML-CP-201

Total 06 Credits

Paper-1 CONSTITUTIONAL LAW OF INDIA-II

Module I **02 Credits**

Union and State executive, Parliament and State Legislatures,
Parliamentary privileges

Module II **02 Credits**

Judiciary, Independence of Judiciary, Judicial Appointments, Public
Interest litigation, Judicial Activism & Judicial Restraint.

Module III **01 Credit**

Liability of the State, Freedom of trade and commerce,

Module IV **01 Credit**

Civil Services, Constitutional Protection to civil servants, Emergency
Provisions, Amendment.

Recommended Readings

1. Seervai, H.M. : Constitutional Law of India
2. Basu, D.D. : Commentary on Constitution of India
3. Govt. of India : Constituent Assembly Debates
4. Hidayatullah, M (ed.) : Constitutional Law of India
5. Jain, M.P. : Constitutional Law of India
6. Shukla, V.N. : Constitution of India
7. Tope, T.K. : Constitutional Law of India
8. Datar, Arvind P. : Constitution of India
9. Kagzi M.C. Jain : Constitution of India
10. Shiva Rao. B. : The Framing of India's Constitution (6 Volumes)
11. Dicey A.V. : An introduction to the study of the Law of Constitution
12. Pylee M.V. : Constitutions of the World
13. Bakshi P.M. : The Constitution of India
14. K C Wheare Federal Government
15. Kashyap Subhash: The Constitution of India

**Note: - All latest volumes of above mentioned books must be preferred. The
above list of books is not an exhaustive one.**

Paper Code:-ML-CP-202

Total 06 Credits

Paper-2 JUDICIAL PROCESS & JURISPRUDENCE –II

Module-I

02 Credits

Sources of Law; Custom, Legislation, Precedent, Law and Justice

Module -II

02 Credits

Rights and Duties, Possession; Ownership; Theories of Punishment

Module -III

01 Credits

Judicial Process in India; judicial process and creativity in law, tools and techniques of judicial creativity and precedent, Independence of Judiciary and political nature of judicial process, scope and limits of Judicial Process in India

Module- IV

01 Credits

Indian debate on the role of judges and on the notion of judicial review, Institutional liability of courts and judicial activism.

Recommended Readings

1. Bodenheimer : Jurisprudence (1986)
2. Allen C.K. : Law in the Making (1961)
3. Dias : Jurisprudence (1990)
4. Baxi, Upendra : Towards a Sociology of Indian Law (1986)
5. Baxi, Upendra : The Indian supreme Court and Politics (1980)
6. Collins, Hugh : Marxism and Law (1982)
7. Paton : A Text Book of Jurisprudence
8. Rawls, John : A Theory of Justice (1972)
9. Finnis, J : Natural Law and Natural Rights (1980)
10. Hart, H.L.A. : Concept of Law (1994)
11. Lloyd, Dennis : Introduction to Jurisprudence (1979)
12. Maine, Henry : Ancient law (1900)
13. Laski, Harold J. : Liberty in the Modern State (1961)
14. Dhavan, Rajeev : The Supreme Court of India ó a Socio-Legal Critique of its Justice Techniques(1977)
15. Dworkin, Ronald : Taking Rights Seriously (1977)
16. Mill, J.S. : On liberty (1974)
17. Miller, D. : Social Justice (1976)
18. Nozick, R. : Anarchy, State and Utopia (1974)

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code- ML-OG-(AL) 201	Total 06 Credits
Paper-3 Public Authorities: Judicial Control & Liability	
Module-I	02 Credits
Administrative Action and Judicial Control, Control over Administrative actions- Historical development, Remedies- Public Law Review, Writs- Mandamus, Habeas Corpus, Certiorari, Prohibition, Quo Warranto. Locus Standi and public interest litigation	
Module-II	01 Credit
Private Law Review- injunction, declaration, and civil suits for remedies. Promissory estoppels, Limits of Judicial Review: Exclusion of Judicial Review	
Module-III	02 Credits
Procedural Fairness- Evolution and Significance of natural justice- England, judicial process: doctrine of fairness and doctrine of legitimate expectation. U.S.A. Due process and judicial decisions- India- doctrine of fairness Act. 14, 19 and 21. Resend decision, post decisional hearing Exception of natural justice.	
Module-IV	01 Credit
Public Undertakings & Public Corporations, Public Authorities : Liability, Tortious liability- Federal Tort Claims Act, 1946 Crown proceeding , Contractual liability, Personal accountability, Compensatory jurisprudence and right to life	
<u>Recommended Readings:</u>	
1. Peter H. Schuck, Foundations of Administrative Law (1994), Oxford, New York. 2. Neville L. Brown and J.F. Garner, French Administrative Law 3. Davis, Discretionary Justice 4. De Smith, Judicial Review of Administrative Action (1995) 5. Jennings Ivor, Law and the Constitution. 6. Schwartz & Wade, Legal Control of Government. 7. Friedman, The State and the Rule of Law in a Mixed Economy 8. Dicey, Introduction to the Law of the Constitution, 9. M.P. Jain, Cases and Materials on Administrative Law (1996), Vol.I, Wadhwा, Nagpur. 10. S.P. Sathe, Administrative Law (1998), Butterworths, India. 11. De Smith, Judicial Review of Administrative Action (1995), Sweet and Maxwell. 12. I.P. Massey, Administrative Law (1995), Eastern, Lucknow. 13. Bagawati Prosad Banerjee, Writ Remedies, (1999), Wadhwā, Nagpur. 14. B.Schwartz, An Introduction to American Administrative Law. 15. K.S. Shukla and S.S.Singh, Lokayukta: a Social Legal Study (1988), Indian Institute of Public Administration, N.Delhi. 16. Neil Hawke and Neil Papworth, Introduction to Administrative Law (1996), Lawman, New Delhi. 17. D.D.Basu, Comparative Administrative Law, 18. Donald C. Rowat, The Ombudsman (1966), George Allan and Unwin Ltd., Toronto	

Paper Code: ML-OG-(AL) 204 Total 06 Credits
Paper-4 Local Self Governance and Public Authorities: Control on Maladministration

Module-I Local Self Governance: Historical Perspective, Gandhiyan Concept, Constitutional scheme of Local self -Governance, Legislative, Financial and Judicial powers of the Local Self Governance, Institutional and Judicial Control,	02 Credits
Module-II Commission of Inquiry, Vigilance Commission, Investigation Agencies: CBI, Inquiries by Legislative Committees, Legislative Control, Financial Control - Comptroller and Auditor General,	02 Credits
Module- III Ombudsman: Concept, Comparative perspectives, Indian model of Ombudsman- Lokpal and Lokayukt,	01 Credit
Module-IV The Right to Information Act, 2005, Protection of Whistle Blowers,	01 Credit

Recommended Readings:

1. M. Venketarangaiya & M. Pattabhiram, Local Government in India, Allied, New Delhi.
2. Radha Kumud Mookerji, Local Government in Ancient India, Daya Publishing Delhi.
3. W. Thornhill (ed.), The Growth and Reform of English Local Self-government, Weidenfeld and Nierlson, London
4. Donald C Rowat, The Ombudsman, George Allen and Unwin Ltd., Toronto.
5. K. S. Shukla and S.S. Singh - Lokayukt: A Social Legal Study, Indian Institute of Public Administrative, New Delhi.
6. Nevill L. Brown and J.F. Garner- French Administrative Law
7. Deicy A.V., Introduction to the Study of the Law Constitution. Universal Publication.
8. Baxi Upendra- Law Democracy and Human Rights
9. Bhagwati Prasad Benarjee - Writs Remedies, Wadhwa

Note: All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

OPTIONAL GROUP:2

ENVIRONMENT LAW

Paper-3

ENVIRONMENT AND DEVELOPMENT: LAW AND POLICY IN INDIA

Module-I

02 Credits

1. Concept of Common Property Resources (CPR)
2. Law and policy related to conservation of forest and other creatures including animal welfare.
3. Law and policy related to protection Wild life.

Module- II

02 Credits

1. Conservation of freshwater and ground water.
2. Coastal zone regulation.
3. Conservation of marine living and mineral resources.

Module-III

01 Credit

1. Energy Conservation Law and Policy.
2. Conservation of biodiversity under Bio- Diversity Act, 2002.
3. Conservation of Forest and rights of Tribal Communities.

Module- IV

01 Credit

1. Role of judiciary in protection of natural resources.
2. Resolution and settlement of environmental disputes.
3. Bio safety issues related to Genetically Modified Organisms.

Recommended Readings

1. Rosencranz Armin & Divan Shyam; Environmental Law & Policy in India: Cases, Materials and Statutes, (2000) Oxford University Press, New Delhi.
2. Kailash Thakur, *Environmental Protection: Law and Policy in India* (1997), Deep & Deep Publications, New Delhi.
3. Leelakrishnan P., *The Environmental Law in India*, Lexis Nixis Butterworths, New Delhi.
4. Nomani, Md. Zafar Mahfooz, *Natural Resources: Law & Policy*, (2004) Uppal Publication, New Delhi.
5. Shastri, S. C., *Environmental Law*, Eastern Book Company, Lucknow.
6. *Indian Journal of Public Administration*, Special Number on Environment and Administration, July- September 1988, Vol. XXXV, No.3.

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper-4 Natural Resources Law and Policy

Module-I

02 Credits

1. Traditional concept of environment protection.
2. Natural and biological sciences perspectives.
3. Modern concept: conflicting dimensions.

Module- II

01 Credit

1. Theories of development.
2. Right to development.
3. Sustainable Development: National Perspectives.

Module-III

02

Credit

1. National Policies: Forest Policy, 1988,
2. Policy Statement on Environment and Development, 1992. Policy Statement on Abatement of Pollution, 1992.
3. Environment Policy, 2006, Water Policy, 2012.

Module- IV

01

Credit

1. Poverty, Population and Sustainable Development.
2. Right to Water and Sanitation.
3. Special Economic Zones (SEZ) and Environmental Protection.
4. Problem of Climate Change: National Perspectives.

Recommended Readings

1. Rosencranz Armin & Divan Shyam; *Environmental Law & Policy in India: Cases, Materials and Statutes*, (2000) Oxford University Press, New Delhi.
2. Leelakrishnan P., *The Environmental Law in India*, Lexis Nixis Butterworths, New Dehli, India.
3. Shastri, S. C., *Environmental Law*, Eastern Book Company Lucknow.
4. Aruna Venkat, *Environmental Law and Policy* (2011) PHI learning Pvt.Ltd, New Delhi.
5. Madhav Gadgil and Ramachandra Guha, *This Fissured Island: An Ecological History of India* (1996), Oxford.
6. Centre for Science and Environment, *The State of India's Environment* 1982 to 2011.
7. Singh Gurdip, "Environmental Lawö (2016) Eastern Book Company, Lucknow (India).

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Optional Group: 3

LAW, SCIENCE AND TECHNOLOGY

Module - I

02 Credits

Interface between law and information technology, Growth of Computer Science and technology, "Hardware" and "Software", Artificial Intelligence and Human Resources, Can computers think?, Appropriation of human functions by a machine actuality, potentiality, ö appropriateness".

Module -II

01 Credit

The Law: Intellectual Property, Law relating to protection of computer software, Law relating to patenting of hardware

Regulation of transfer of computer technology (Unfair Means, Restrictive Trade Practices)

Module- III

01 Credit

1. Central data banks and privacy rights, Consumer Credit, privacy rights and computer systems

Module -IV

02 Credits

1. Computer Systems and Liability Issues, Computer fraud, Computer non-feasance and liability for damages

1. Legal information retrieval systems, Computerized retrieval of judicial decision, Jurimetrics and computer analysis

2. Computer analysis and computerization, Criminological analysis and computerization, Patent information systems

3. Clinical Research Project

Select bibliography

1. Cees J. Hamelink, The Ethics of Cyberspace (2001), Sage
2. Markandey Katju, Law in the Scientific Era (2000), Universal, New Delhi.
3. John Zinian et.al.(ed.) World of Science and the Rule of Law (1986), Oxford
4. Ann Johnston et.al. (ed.) New Technologies and Development (1986) UNESCO.
5. Maie-Wan Ho, Genetic Engineering: Dreams or Nightmare? The Brave New World of Bad Science and Big Business (1997) RESTE, New Delhi.

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code:-ML-OG-(LST)204 Total 06 Credit
PAPER-4 MEDICAL LAW AND ETHICS

Module -I 02 Credits

Concept of Health and Public health, Law and health ó development of interrelationship, Health Law and Bio Ethics.

Legal aspects of Health Care: Constitutional law- regulation of health, Health as basic human right, important legislations dealing with law and medicine

Module -II 02 Credits

Medical Professional, Patient and the Law: Nature and concept of physician ó patient relationship, Informed consent and confidentiality, Concept of duty of care, Code of ethics in medical profession, Role of judiciary in regulating the medical profession

Module -III 01 Credit

Bioethics- Issues and challenges: Euthanasia and physician assisted suicide, , Organ Transplantation, Sex- determination Techniques,

Module -IV 01 Credit

Assisted Reproductive technology, Medical termination of pregnancy, prenatal diagnostic techniques,

The pharmaceutical industry in India and its regulation: Hospital Regulation, Medical Malpractice, Regulation of Drug Testing procedures in India, Clinical Drug Trial.

Suggested Readings

1. Freeman- Law and medicine
2. Micheal Davies- Textbook on Medical law
3. Jonathan Herring- Medical Law and Ethics
4. R.K. Bag- Medical Negligence and Compensation
5. S. V. Jogarao- Current Issues in Criminal Justice and Medical Law
6. Modig's Medical Jurisprudence
7. Mason and Mc Call Smith- Law and Medical Ethics

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

LL.M.: Semester - III

Compulsory Papers

Paper Code:- ML-CP-301 Total 06 Credits
Paper-3 RESEARCH METHODOLOGY

Module-I **02 Credits**
Meaning objective and importance of research, Criteria of Good Research, philosophy of Legal Research, Research Ethics, Types of research: Qualitative Research, ethnography and participant Observation, Grounded Theory, Action Research, Quantitative research, jurimetrics, induction and deduction.

Module-II **02 Credits**
Formulation of the Research problem, Preparation of the Research Design, Hypothesis,

Module-III **01 Credit**
Tools and Techniques for Collection of Data: Primary and Secondary Sources, Literature Review, Observation Method, Questionnaire · Interview · Case study , Sampling procedures.

Processing and Analysis of data, Testing of Hypothesis, Searching the library catalogue, E-research.

Module-IV **01 Credit**

Report Writing, Structure and Components of Research Report, Mechanism of writing a research report, Citation, Referencing and footnotes, abbreviation, Bibliography, How to Write a research project.

Recommended Readings

1. Blaxter, L, C Hughes & M Tight. How to Research (Buckingham: Open University Press). ISBN: 0-335-19452-4
2. Buckley, P & D Clark. Rough guide to the Internet (London: Rough Guides). ISBN: 1-84353-338-3
3. Calishain, T. Web search garage (Upper Saddle River: Prentice Hall). ISBN: 0-13-147148-1
4. Clinch, P. Using a law library : a student's guide to legal research skills (London: Blackstone). ISBN: 1-84174-029-2
5. Cole, J. Using Moodle: teaching with the popular open source course management system, (Sabastopol, CA: O'Reilly). ISBN: 0-596-00863-5
6. Fairbairn, G J. & Winch, C. Reading, writing and reasoning: a guide for students (Buckingham: Open University Press). ISBN: 0-335-09596-8
7. Halvorson, T R. Law of the super searchers: the online secrets of the top legal researchers (Medford, NJ: CyberAge Books). ISBN: 0-910965-34-X
8. Hanson, S. Legal method and reasoning (London: Cavendish), ISBN: 1-85941-783-3
9. Webley, L. Legal writing (London: Cavendish). ISBN: 1-85941-919-4

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code: ML- CP-302 Total 06 Credits
Paper-4 LAW AND SOCIAL TRANSFORMATION

Module-I **02 Credits**
Concept of Social Change and Social Transformation, Law as an instrument of social change, Law as the product of tradition and culture, Sociological school and its, applicability in India, Principles of social legislation,

Module-II**01 Credit**

Religion and the law, Religion as a divisive factor, Secularism as a solution to the problem, Freedom of religion, nondiscrimination on the ground of religion, Religious minority,

Community and the law - Caste as a divisive factor, Non discrimination on the ground of caste, Protective discrimination,

Module-III**01 Credit**

Women and the Law: Position and role of women in Indian society, Crimes against women, Gender injustice, Women's Commission, Empowerment of women Constitutional and other legal provisions,

Module-IV**02 Credits**

Children and the Law - Child Labour, Sexual exploitation, Education, inter-country adoption, International Norms governing Rights of Children

Modernization and the Law, Modernisation as a value: Constitutional perspectives, Modernisation of social institutions through law, Reform of family law,

Criminal Law: Plea bargaining, Civil Law Confrontation v. Consensus, (ADR)

Recommended readings

1. Marc Galanter (ed.), *Law and Society in Modern India*, Oxford University Press
2. Robert Lingat, *The Classical Law of India*, Oxford
3. U. Baxi, *The Crisis of the Indian Legal System*. Vikas, New Delhi.
4. U. Baxi (ed.), *Law and Poverty Critical Essays*. Tripathi, Bombay.
5. Manushi, *A Journal About Women and Society*.
6. Duncan Derret, *The State, Religion and Law in India* (1999). Oxford University Press, New Delhi.
7. H.M. Seervai, *Constitutional Law of India*,
8. P Ishwara Bhat., *Law and Social Transformation*,
9. Sunil Deshta and Kiran Deshta, *Law and Menace of Child Labour*, Anmol Publications, Delhi.
10. Savitri Gunase Khare, *Children, Law and Justice*, Sage
11. Indian Law Institute, *Law and Social Change: Indo-American Reflections*, Tripathi (1988)
12. J.B. Kripalani, *Gandhi: His Life and Thought*, Ministry of Information and Broadcasting, Government of India,
13. Agnes, Flavia, *Law and Gender Inequality: The Politics of Women's Rights in India* (1999), Oxford University Press.

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Optional Group:3

INTELLECTUAL PROPERTY RIGHTS

Paper Code: ML-OG-(IPR) 301 **Total 06 Credits**
PAPER-1 FUNDAMENTALS OF INTELLECTUAL PROPERTY RIGHTS

Module -I	02 Credits
Meaning and Concept of Intellectual Property Rights, Types of Intellectual Property Rights, Economic Importance of Intellectual Property, Justifications for Protection of Intellectual Property,	
Module -II	02 Credits
Nature of Intellectual Property Rights: Monopolistic Perspective, Economic Perspective, Public welfare perspective, Theories of Intellectual Property Rights.	
Module III	
International Legal Framework:	01 Credit
Pre and Post WTO regime: TRIPS Agreement.	
IPR and Human Rights,	
Module -IV	01 Credit
IPR and Protection of Traditional Knowledge.	
IPR and Sustainable Development, Challenges for IPR: Digital Economy, E-Commerce, Domain names, Biotechnology and Nanotechnology.	

Recomended Readings:

1. Shahid Alikhan and Raghunath Mashelkar, Intellectual Property and Competitive Strategies in 21st Century , Second Edition (2009) Kluwer Law International.
2. Phillippe Culet, Intellectual Property Protection and Sustainable Development, Lexis Nexis Butterworth, 2004.
3. W R Cornish, Intellectual Property: Patents, copyright, Trademarks and allied rights , London : Sweet & Maxwell, 1996
4. Jayanti Bagchi , World Trade organization; An Indian Perspective (2000). Narayanan, P., Intellectual Property Rights
5. UNCTAD-ICTSD, Resource book on TRIPs and Development, Cambridge University Press, 2005
6. Michael Blakeney, Trade Related Aspects of Intellectual Property Rights: A concise Guide to the TRIPS Agreement.
7. Elizabeth Verkey, Intellectual Property (2015), Eastern Book Company Lucknow.

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code- ML-OG-(IPR) 302

Total 06 Credits

Paper- 2 LAW OF COPYRIGHT

Module -I

02 Credits

Introduction to Copyright: Historical development of the law of copyright, Nature and Scope of Copyright, Meaning of Copyright,

International Conventions/Treaties on Copyright: a. Berne Convention b. Rome Convention c. Geneva Convention d. Brussels Convention e. Universal Copyright Convention f. TRIPs Agreement g. WIPO Copyright Treaty, 1996 h. WIPO performance and Phonogram Treaty, 1996

Module -II

02 Credits

Concept of Originality, Subject matter of copyright: Literary Works, Dramatic Works, Musical Works, Artistic Works, Cinematograph Film and Sound Recording.

Module- III

01 Credit

Rights Granted, Ownership, duration, registration and assignment of copyright
Infringement of copyright, Doctrine of Fair Dealing, Remedies for infringement of copyright

Module -IV

01 Credit

Competition Law and IPR

The Design Act, 2000

Suggested Readings

1. The Copyright Act 1957.
2. W R Cornish, Intellectual Property: Patents, copyright, Trademarks and allied rights , London : Sweet & Maxwell, 1996
3. Goldstein, Law of Copyright
4. P. Narayanan, law on Copyright
5. Leon Bentley and Brad Sherman, Intellectual Property Rights

Note: - All latest volumes of above mentioned books must be preferred.

The above list of books is not an exhaustive one.

OPTIONAL GROUP: 04

CRIMINAL LAW

Paper Code: ML-OG-(CL) 301 **Total 06 Credits**
Paper- I CRIMINAL LAW - COMPARATIVE STUDY

Module- I **02 Credits**

Crime and Criminal Law, Elements of Crime: Intention, Recklessness, Negligence, Motive, Strict Liability.

General Defenses: Mistake, Necessity, Intoxication, Un-soundness of mind, Consent, Threat, Private Defense.

Module- II **01 Credit**
Joint and Constructive Liability,
Preliminary Offences: Abetment, Criminal Conspiracy, Criminal Attempt

Module- III **02 Credits**
Offences against Human Body: Capable Homicide and Murder, Kidnapping and Abduction, Hurt and Grievous Hurt, Sexual offences.
Offences against State: Sedition.

Module-IV **01 Credit**
Offences against Property: Theft, Robbery.
Offences against Marriage: Bigamy, Adultery

Recommended Reading:

1. Kenny's: Outlines of Criminal Law.
2. Russell: On Crime.
3. Jefferson Michael: Criminal Law.
4. Dik George D. Sharlot Michael: Criminal Law Cases and Materials.
5. Hall Jerome: General Principles of Criminal Law.
6. Pillai P.S.A.: Criminal Law.
7. Gaur K.D.: Criminal Law and Materials.
8. Gaur K.D.: Commentary on the Indian Penal Code.

**Note: - All latest volumes of above mentioned books must be preferred.
The above list of books is not an exhaustive one.**

Paper-2 SOCIO- ECONOMIC OFFENCES

Module- I	02 Credits
Concept and Nature of socio economic offences, Distinction between traditional offences and socio-economic offences.	
Module- II	02 Credits
Corporate Crime, Professional Deviances.	
Module- III	01 Credit
White Collar Crimes, Laws related to Prevention of Corruption.	
Module- IV	01 Credit
The Indecent Representation of Women (Prohibition) Act, 1986	
The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989	
Violence against Women-Sexual Harassment, Dowry, Domestic violence.	
The Protection of Children from Sexual Offences Act, 2012.	

Recommended Reading:-

1. Mahesh Chandra, *Socio- Economic Offences* (1979)
2. J.S.P. Singh, *Socio- Economic Offences* (1st Ed., 2005, Reprint 2015)
3. Ahmed Siddiqui, *Criminology: Problems and Perspectives* (4th Ed., 1997)
4. T.V. Nawal, *Legally Combating Atrocities against SC and ST*, (2004)
5. Lawyers Collective (Ed. by Indira Jaising), *Handbook on Law of Domestic Violence*, (1st Ed., 2009)
6. Seth and Kapoor, *Prevention of Corruption Act with a treatise on Anti- Corruption Laws* (3rd Ed., 2000)
7. Ghosh, Srikanta; Economic Offences Universal's *Socio Economic Offences Law*.

Note: - Suggested Readings are not exhaustive. Need to be supplemented with additional readings.

LL.M.: Semester - IV

Compulsory Papers

PAPER CODE: ML-CP-401
Paper-5 Dissertation:

**PAPER CODE: ML-CP-402:
Paper-6 Viva Voce Examination**

Optional Group: 03
CRIMINAL LAW

Paper Code: ML-OG-(IPR) 403 Total 06 Credits

Paper- 3 LAW OF PATENT, PLANT VARIETIES & FARMER'S RIGHT

Module-I	02 Credits
Historical development of Patent Law, International Institutional and Legal Framework related to Patent, Development of Patent Law in India.	
Module-II	02 Credits
The Patent Act, 1970 and its Amendments, Patentability Criteria, Patentable and Non- patentable inventions, Software Patent.	
Module-III	01 Credit
Registration, Ownership, Rights of Patentee, Working of Patents and Compulsory License, Infringements and Remedies.	
Module-IV	01 Credit
The Protection of Plant Varieties and Farmers are Rights Act, 2001, Intellectual property rights and conservation biological resources, Medical Patents and Access to drugs and right to health.	

Recommended Readings:

1. Cornish,WR. *Intellectual Property: Patents, Copyright, Trade Marks, and Allied Rights* (London: Thomson Sweet and Maxwell, Sixth ed 2007).
2. Lionel Bentley and Brad Sherman, *Intellectual Property Law* (Oxford University Press, New Delhi, 2003)
3. Resource Book on the TRIPS and Development UNCTAD- ICTSD Cambridge University Press 2005).
4. Cullet Philippe. *Intellectual Property Protection and Sustainable Development* (New Delhi: Lexis Nexis & Butterworth, 2005).
5. Khader, Feroz Ali. *The Law of Patents-with a special focus on Pharmaceuticals in India*, ((New Delhi: LexisNexis Butterworths 2009).
6. Koul A.K. and Ahuja V.K. *The Law of Intellectual Property Rights: Prospect and Retrospect* (2001).
7. Narayanan. P. *Patent Law* (New Delhi: Eastern Law House, Fourth ed. 2010).
8. V.K.Ahuja, *Intellectual Property Rights in India* (Lexis Nexis, Butterworths, Wadhwa, Nagpur, (2009).
9. Arup, Christopher. *The New World Trade Organization Agreements: Globalizing Law through Services and Intellectual Property* (U.K: Cambridge University Press, 2000).
10. Corea M,Carlos & Yusuf A Abdulqawi. *Intellectual Property and International Trade: The TRIPs Agreement* (Netherland: Wolters Kluwer Law and Business 2nd ed 2008).
11. Shiva Vandana. *Patents: Myths and Reality* (New Delhi: Penguin India 2001)

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code:- ML-OG-(IPR) 404 Total 06 Credits
Paper-4 LAW OF TRADE MARKS AND GEOGRAPHICAL INDICATIONS

Module-I	02 Credits
Historical development, Meaning, Aim and Objectives.	
Different Types of marks	
Trade Marks Protection under International Law.	
Module-II	01 Credit
Registration of Trade Marks.	
Concept of Deceptive similarity.	
Passing off.	
Module-III	01 Credit
Trade Marks Infringement.	
Remedies.	
Module- IV	02 Credits
Concept of Geographical Indication.	
National and International Perspective.	
Registration, Infringement and Remedies of Geographical Indication.	

Recommended Readings:

1. Ashwani Bansal, Law of Trade Marks in India with introduction to Intellectual Property Laws (Institute of Constitutional and Parliamentary Studies, New Delhi, 2009)
2. David Bainbridge, Intellectual Property(Pearson Education, Delhi, 2003).
3. Holyoak&Torreman, ***Intellectual Property Law***(Oxford University Press, New York, 2010).
4. Jeremy Philips and Alison Firth, ***Introduction to Intellectual Property Law***(LexisNexis Butterworths, UK, 2001).
5. Kailasam and Vedaraman, ***Law of Trade Marks and Geographical Indications***(Wadhwa, Nagpur, 2009).
6. Latha R Nair &Rajendra Kumar, ***Geographical Indications: A Search for Identity***(Lexis Nexis, New Delhi, 2005)
7. V.K.Ahuja, ***Intellectual Property Rights in India***(Lexis Nexis, Butterworths, Wadhwa, Nagpur,2009)
8. W. R. Cornish, ***Intellectual Property: Patents, Copyright, Trade Marks and Allied Right***(Sweet & Maxwell 2005)
9. Narayanan. P. ***Law of Trade Marks and Passing Off***(Eastern Book Com. Lucknow,).

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Optional Group:04 Criminal Law

Paper-3 CYBER CRIMES

Module- I	02 Credits
Historical Genesis and Evolution of Cyber Crimes Meaning, Definition , Nature & scope of cyber crimes Distinction between cyber crime and conventional crimes	
Module- II	02 Credits
Information Technology Act, 2000 Statutory laws pertaining to Cyber Crimes IPC and IEA.	
Module- III	01 Credits
Kind of Cyber Crimes: Stalking, Pornography, Forgery, Online fraud, Cyber terrorism, Hacking ,etc.	
Module- IV	01 Credits
Emergence of Data Protection Laws in India Freedom of Speech and Expression in Cyberspace	

Recommended Reading:-

1. Douglas Thomas & Brian D. Loader, *Cyber Crimes*
2. Talat Fatima, *Cyber Crimes*
3. Thomas J. Holt, Adam M. Bossler, Kathryn C Seigfried-Spellman; *Cybercrime and Digital Forensics An Introduction*
4. J.P. Mishra, *An Introduction to Cyber Law*
5. Peter Stephenson, *Investigating Computer-Related Crimes*
6. Prashant Mali, *Cyber Law and Cyber Crimes*
7. Stephenson, Peter ; *Investigating Computer-Related Crime.*
8. Vakul Sharma, *Information Technology Law and Practice*
9. Pavan Duggal , *Cyber Law-An exhaustive section wise commentary on the Information Technology Act alongwith Rules, Regulations, Polices, Notification etc,*
10. Broadhurst, Roderic G. & Grabosky, Peter, N.; *Cyber Crime: The Challenge in Asia.*

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Paper Code: ML-OG-(CL) 404 Total 06 Credits
Paper-4 CRIMINOLOGY AND PENOLOGY

Module-I

02 Credits

Criminology - Definition, Nature, Scope and utility, Methods of Criminological Studies.

01 Credit

Module-II

Theorising Criminal aetiology: Lombroso and Neo- Lombrosian, Psycho-analytical, Differential Association, Anomie Tradition, Interactionism and Conflict Theory.

Module-III

01 Credit

Schools of Criminology: Classical, Biological and Cartographical.

Module-IV

02 Credits

Punishment: Concept and Theories, Capital Punishment,
Treatment of offenders: Prison, Probation and Parole,
Victimology.

Recommend Reading:-

1. Edwin H. Sutherland: Principle of Criminology
2. Richard R. Kom, Lloyd W. McCorkle: Criminology and penology
3. Peter Becker and Rechard F. Wetzell: Criminals and Their Scientists
4. Matthew Lippman: Contemporary Criminal Law
5. Michael Kronenwtter: Capital Punishment
6. H.L.A. Hart, Punishment and Responsibility
7. A. Siddique, Criminology

Note: - All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

BABASAHEB
BHIMRAO
AMBEDKAR
UNIVERSITY



LUCKNOW
मुमा रील करण
ESTABLISHED 1996

बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय)

विद्या विहार, रायबरेली रोड, लखनऊ - 226025

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow – 226025

Letter No: 112/Dop/BBAU/2020

Date: 20/11/2020

NOTICE

This is to inform to all concerned that the Department of Physics is offering the following one (01) optional paper under Open Elective Course in Ist Semester. This can be opted by any student under the Choice Based Credit System (**CBCS**) being followed by the University. Refer to Notice Board of Department of Physics for time table & other details. **Dr. Devedra Singh**, Department of Physics is student's advisor.

The details of the paper and the syllabus are as follows:

Course Code	Course Title	End Semester	Maximum Marks			Credit	
			Sessional				
			Test-I	Test-II	Presentation/ Attendance/ Class Performance		
PHM-104	Electronics -I	70	10	10	10	4	

Head
Department of Physics

Copy to:

1. A.R. to V.C. office for kind information of the Hon'ble Vice Chancellor, BBAU, Lucknow
2. Dean (Academic Affairs), BBAU, Lucknow.
3. All Deans with a request to give it a wide publicity among the stakeholders of all Departments under their Schools.
4. P.S to Registrar, BBAU, Lucknow.
5. S.O. to COE, BBAU, Lucknow.
6. Notice Board, Department of Physics, BBAU, Lucknow.
7. I/C University Website for its uploading on University Website in Public Notices link.

Devedra
20/11/2020
Head
विभागाध्यक्ष
Department of Physics
भौतिकी विभाग
Dept. of Physics
बाबा साहेब भीमराव अंबेडकर विश्वविद्यालय
Baba Saheb Bhimrao Ambedkar University
लखनऊ - 226025 उत्तर प्रदेश, भारत
Lucknow - 226025, U.P., India

Department of Physics
School for Physical & Decision Sciences
Babasaheb Bhimrao Ambedkar University.

Semester: First

1. Session: 2020-21
2. Course Title: Electronics -I
3. Course Code: PHM-104
4. Credits: 4
5. Lecture: 9:30 am to 10:30 am (Monday to Thursday)

Unit I

Physics of Devices: p-n junction, abrupt junction-band structure-thermal equilibrium- depletion region depletion capacitance current and voltage characteristics BJT-band structure-transistor action static characteristics. MOS structure MOSFET working MOSFET characteristics width of depletion region junction capacitance threshold voltage. Metal semiconductor contacts: ohmic and schottky contacts. Principle of operation of photo electronic devices: photoconductor efficiency current gain response time. Effect of light on I-V characteristics of a junction photo device, principle and working of a photodiode, light emitting diode (LED): principle, working and factors affecting the efficiency.

Unit II

Transistor Circuits: Common base configuration-IV characteristics, alpha equivalent, circuit-Common collector configuration (the emitter follower) input and output impedances gain; Common emitter configuration- IV characteristics, beta of a transistor base bias with single supply gain. Load lines for CE connection, dc load line, ac load line, optimum operating point. Push-pull amplifier. The Darlington pair. Astable multivibrator using transistors, voltage regulator using transistors, transistor difference amplifiers four configurations, analysis of dual input and dual output configuration, CMRR-common mode gain, difference mode gain.

Unit III

Operational Amplifiers: Introduction, block diagram, ideal characteristics, comparison with 741 Operational amplifier as a open loop amplifier, Limitations of open loop configuration, Operational amplifier as a feedback amplifier, Closed loop again, input impedance, output impedance of inverting and non-inverting amplifiers, Voltage follower, Differential amplifier, voltage gain. Applications of op-amp: Linear applications Phase and frequency response of low pass, high pass and band pass filters (first order), inverting and non-inverting configurations, summing amplifier, subtractor, ideal and practical differentiator and integrator. Non-linear applications: comparators, positive and negative clippers.

Unit IV

Digital Circuits: Review of gates (AND, OR, NAND, NOR, NOT, EX-OR), Boolean laws and theorems simplification of SOP equations, Simplification of POS equations, Simplification using Karnaugh Map technique (4 variables), conversion of binary to Grey code, Flip flops: Latch using NAND and NOR gates, RS flip flop, clocked RS flip flop, JK flip flop, JK master slave Flip Flop—racing- Shift Registers, Counters: Ripple counters- truth table, timing diagram, Synchronous counters-truth table, timing diagram, Decade counter.

References:

1. **P. Horowitz and W. Hill**, *The Art of Electronics*.
2. **J. Millman and A. Grabel**, *Microelectronics*.
3. **J.J. Cathey**, *Schaum's Outline of Electronic Devices and Circuits*.
4. **M. Forrest**, *Electronic Sensor Circuits and Projects*.
5. **W. Kleitz**, *Digital Electronics: A Practical Approach*.
6. **J.H. Moore, C.C. Davis and M.A. Coplan**, *Building Scientific Apparatus*

1.1.1
3/c

DEPARTMENT OF INFORMATION TECHNOLOGY
Babasaheb Bhimrao Ambedkar University

Date: 21.02.2018

Minutes of the meeting of Board of Post Graduate Studies

Minutes of the meeting of Board of Post Graduate Studies of the Department of Information Technology was held on 21.02.2018 at 12:30 AM in the Board Room of the University. The following members were present:

- | | |
|-----------------------------------------------------------------------------------------|----------|
| 1. Prof. R. A. Khan
Department of Information Technology
B. B. A. U., Lucknow. | Chairman |
| 2. Dr. M. H. Khan
IET, Lucknow | Member |
| 3. Dr. P. K. Chaurasia
Department of Information Technology
B. B. A. U., Lucknow | Member |
| 4. Dr. Dhirendra Pandey
Department of Information Technology
B. B. A. U., Lucknow | Member |

Prof. R. K. Choudhary, Prof. Savita Gupta could not attend the meeting. The committee members discussed the agenda items and the following resolutions were made:

- Agenda 1:** Resolution: Confirmation of the minutes of the meeting of BPGS held on 30.07.2015 and 07.02.2017. Committee members confirmed the minutes of the meeting of BPGS held 30.07.2015 and 07.02.2017.
- Agenda 2:** Resolution: Review and revision of course structure of M. Tech. (Software Engineering). The committee members reviewed and revised the course structure of M. Tech. (Software Engineering) and the same is annexed herewith. Further, it has been suggested to adopt the changes from the current session.
- Agenda 3:** Resolution: Upgradation of Post Graduate Diploma in Cyber Security (Evening) to Masters of Science in Cyber Security (Evening) - A Modular Programme with multiple Entry/Exit option.
- Agenda 4:** Resolution: Since, there is a heavy demand for Masters Programme in Cyber Security in evening, therefore, the committee members recommended to upgrade the Post Graduate Diploma in Cyber Security (Evening) to Masters of Science in Cyber Security (Evening) -A Modular Programme with multiple Entry/Exit option from the forthcoming session i.e., 2018-2019. The course structure/syllabus is attached herewith.
- Agenda 5:** Resolution: Specialization for the post of vacant positions i.e., Professor and Associate Professor in the Department of IT.
- The committee members are briefed about the specialized courses running in the Department, viz., M. Tech (Software Engineering) and M. Sc (Cyber Security) (Proposed). The committee members are in the opinion that, while recruiting the faculty member against the regular vacant teaching position in the Department, we shall recruit the faculty members with specialization in the area of Software Engineering/Information Security/Cyber Security. Therefore, at the time of advertisement, the following specialization for regular vacant positions should be advertised:

SN	Name of the Post	Specialization
1	Professor	Software Engineering/Reuse & Re-engineering/Web Engineering.
2	Associate Professor	Software Engineering/Information Security/Cyber Security/Software Security.

- Agenda 5:** Resolution: Reporting item:
1. Minutes of the DRC meeting held on 30.01.2018.
The minutes of the DRC meeting held on 30.01.2018 was reported and the same was noted.
2. Panel of Examiners for evaluation of PhD Thesis of Ms. Nilu Singh and Mr. Prabhishesh Singh.
The committee members recommended the panel of examiner for evaluation of PhD Thesis of Ms. Nilu Singh and Mr. Prabhishesh Singh (The sealed envelope is enclosed separately).



DEPARTMENT OF INFORMATION TECHNOLOGY
Babasaheb Bhimrao Ambedkar University

Minutes of the meeting of Board of Post Graduate Studies

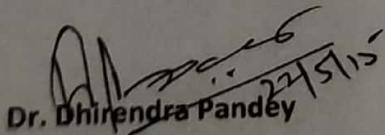
Date: 22.05.2015

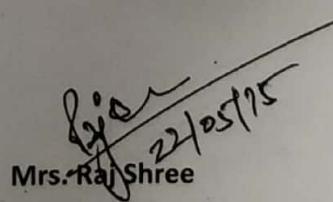
Minutes of the meeting of Board of Post Graduate Studies of the Department of Information Technology was held on 22.05.2015 at 11:00 AM in the Board Room of the University. The following members were present:

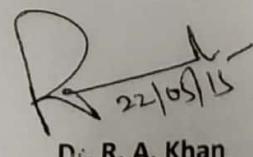
- | | |
|-----------------------------------------------------------------------------------------|----------|
| 1. Dr. R. A. Khan
Department of Information Technology
B. B. A. U., Lucknow | Chairman |
| 2. Mrs. Raj Shree
Department of Information Technology
B. B. A. U., Lucknow | Member |
| 3. Dr. Dhirendra Pandey
Department of Information Technology
B. B. A. U., Lucknow | Member |

Prof. R. K. Chowdhary, Prof. Nesar Ahmad and Dr. M. H. Khan could not attend the meeting. The committee members discussed the agenda items and the following resolutions were made:

- | | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agenda 1: | Confirmation of the minutes of the meeting of BPGS held on 08.04.2015. |
| Resolution: | Committee members confirmed the minutes of the meeting of BPGS held on 08.04.2015. |
| Agenda 2: | Reporting item: |
| | 1. Minutes of the DRC meeting held on 27.04.2015.
The minutes of the DRC meeting held on 27.04.2015 was reported and the same was noted. |
| Agenda 1: | Review and revision of course structure of M. Sc. (Information Technology), M. Sc. (Information Security) and M. Tech. (Software Engineering) in the light of UGC Guidelines on Adaption of Choice Based Credit System. |
| Resolution: | The committee members reviewed and revise the course structure of M. Sc. (Information Technology), M. Sc. (Information Security) and M. Tech. (Software Engineering) in the light of UGC Guidelines on Adaption of Choice Based Credit System to incorporate UGC- CBCS in the course structure in toto (the same is annexed herewith). |


Dr. Dhirendra Pandey 22/05/15


Mrs. Raj Shree 22/05/15


Dr. R. A. Khan 22/05/15

Minutes of the emergent meeting of the Board of Post Graduates Studies in Biotechnology (BPGS) held on 20/08/2019 at 10:00 A.M. in the office of the Chairman

Following members were present:

- | | |
|---------------------------------------------------|-----------------|
| 1) Prof. D. R. Modi
Professor & Head, DBT | Chairman |
| 2) Prof. Sangeeta Saxena
Professor, DBT. | Member |
| 3) Dr. G. Sunil Babu
Assistant Professor, DBT. | Special Invitee |
| 4) Dr. Monica Sharma
Assistant Professor, DBT. | Member |
| 5) Dr. Yusuf Akhter
Assistant Professor, DBT. | Member |

Proceedings:

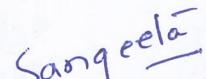
The Chairman welcomed the members to the meeting.

1. The course structure of M. Sc Biotechnology (Post Graduate Programme) was restructured in accordance with Choice Base Credit Transfer System after all Heads & Dean meeting scheduled on 09-08-2019 at 05.00 pm under Chairmanship of Hon'ble Vice-Chancellor.

The meeting ended with a vote of thanks to the Chairman



Prof. D. R. Modi
Chairman



Prof. Sangeeta Saxena
Member



Dr. G. Sunil Babu
Special Invitee



Dr. Monica Sharma
Member



Dr. Yusuf Akhter
Member

19/C

REVISED SYLLABUS

(Approved vide Emergent BPGS meeting held on 20-08-2019, Effective from Session 2019- 2020)

Master of Science

in

BIOTECHNOLOGY



Babasaheb Bhimrao Ambedkar University
(A Central University)
Vidya vihar , Raebareli Road
Lucknow -226025

Sangeeta

Anil Kumar

N. K. Singh

COURSE STRUCTURE FOR M.Sc., BIOTECHNOLOGY

I SEMESTER

Course Code	Course title	Course Type	Max Marks		Total Maximum	
			End Sem	Sessional	Marks	Credit
MBT-101	CELL BIOLOGY	Open Elective (CBCS)	70	30	100	4
MBT-102	ADVANCED CELL BIOLOGY	Core	70	30	100	6
MBT-103	BIOMOLECULES	Core	70	30	100	6
MBT-104a	INTERMEDIARY METABOLISM	Foundation (Elective)	35	15	50	2
MBT-104b	NANO BIOTECHNOLOGY	Foundation (Elective)	35	15	50	2
MBT-104c	ENVIRONMENT BIOTECHNOLOGY	Foundation (Elective)	35	15	50	2
MBT-105	LABORATORY COURSE-I	Core	70	30	100	6
MPDC-105	REMEDIAL LANGUAGE -ENGLISH	Compulsory				1

II SEMESTER

Course Code	Course title	Course Type	Max Marks		Total Maximum	
			End Sem	Sessional	Marks	Credit
MBT-201	IPR AND ETHICAL ISSUES IN BIOTECHNOLOGY	Open Elective (CBCS)	70	30	100	4
MBT-202	MOLECULAR BIOLOGY	Core	70	30	100	6
MBT-203	BIOPHYSICAL TOOLS & TECHNIQUES	Core	70	30	100	6
MBT-204a	MOLECULAR DIAGNOSTICS	Foundation (Elective)	35	15	50	2
MBT-204b	BIOPROCESS ENGG. & TECHNOLOGY	Foundation (Elective)	35	15	50	2
MBT-205	LABORATORY COURSE-II	Core	70	30	100	6
MPDC-205	AMBEDKAR STUDIES	Compulsory				1

III SEMESTER

Course Code	Course title	Course Type	Max Marks		Total Maximum	
			End Sem	Sessional	Marks	Credit
MBT-301	IMMUNOTECHNOLOGY	Core	70	30	100	6
MBT-302	MICROBIAL TECHNOLOGY	Core	70	30	100	6
MBT-303	PLANT BIOTECHNOLOGY	Core	70	30	100	4
MBT-304a	BIOINFORMATICS & SYSTEM BIOLOGY	Foundation (Elective)	35	15	50	2
MBT-304b	RNAi : BIOLOGY & APPLICATIONS	Foundation (Elective)	35	15	50	2
MBT-304c	STRUCTURAL BIOLOGY	Foundation (Elective)	35	15	50	2
MBT-305	LABORATORY COURSE-III	Core	70	30	100	6
MPDC-305	GENDER STUDIES	Compulsory				1

IV SEMESTER

Course Code	Course title	Course Type	Max Marks		Total Maximum	
			End Sem	Sessional	Marks	Credit
MBT- 401	GENETIC ENGINEERING	Core	70	30	100	6
MBT- 402	ENZYME TECHNOLOGY	Core	70	30	100	6
MBT- 403	ANIMAL CELL SCIENCE & TECHNOLOGY	Core	70	30	100	6
MBT- 404	DISSERTATION	Core	70	30	100	4
MBT- 405	SEMINARS	Core	35	15	50	2
MPDC- 405	COMMUNITY SERVICES	Compulsory				1
TOTAL (Minimum necessary for M. Sc Programme)					2500	100

Note:

1. DBT students can choose any other course of equal or higher credits from any other department of the University under the Open Elective (CBCS) category as mentioned in their course structure.
2. Only one Foundation (Elective) can be taken by DBT students in a given semester.
3. Dissertation may be based on in house Training/Project Work/Scientific Review/Research Training (outside).
4. Marks shown are only for reference purpose in the evaluation process.

2
Sangeeta

(23)

(22)

Minutes of the emergent meeting of the Board of Post Graduates Studies in Biotechnology (BPGS) held on 12/03/2020 at 12:00 Noon. in the office of the Chairman

Following members were present:

- | | |
|---------------------------------------------------|-----------------|
| 1) Prof. D. R. Modi
Professor & Head, DBT | Chairman |
| 2) Prof. Sangeeta Saxena
Professor, DBT. | Member |
| 3) Dr. G. Sunil Babu
Assistant Professor, DBT. | Special Invitee |
| 4) Dr. Monica Sharma
Assistant Professor, DBT. | Member |
| 5) Dr. Yusuf Akhter
Assistant Professor, DBT. | Member |

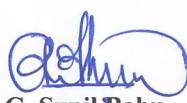
The Chairman welcomed the members to the meeting.

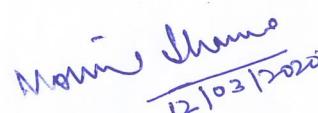
1. As per UGC letter D.O. No. F1-1/2018 (Journal/CARE) dated December, 2019 two Credit Course for awareness about publication ethics and publication misconducts entitled "Research and Publication Ethics (RPE)" has been added in the Ph. D syllabus.

The meeting ended with a vote of thanks to the Chairman


Prof. D. R. Modi
Chairman
12/03/2020


Prof. Sangeeta Saxena
Member
12/03/2020


Dr. G. Sunil Babu
Special Invitee
12/03/2020


Dr. Monica Sharma
Member
12/03/2020


Dr. Yusuf Akhter
Member
12/03/2020

(22)

REVISED SYLLABUS

(Approved vide emergent BPGS meeting held on 12-03-2020, Effective from Session 2020- 2021)

Doctor of Philosophy

in

BIOTECHNOLOGY



Babasaheb Bhimrao Ambedkar University
(A Central University)
Vidya vihar , Raebareli Road
Lucknow -226025

Momin Khan

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COURSE STRUCTURE FOR Ph. D. BIOTECHNOLOGY

Course Code	Course Title	Credit	Max Marks
DPHBT-101	Research Methodology	04	100
DPHBT -102A	Advances in Microbial Technology		
DPHBT -102B	Plant Biotechnology		
DPHBT -102C	Immunology & Animal Biotechnology		
DPHBT -102D	Advances in Enzyme Technology		
DPHBT -102E	Advances in Structural Biology		
DPHBT -103	Advances in Genetic Modification Technologies [Genetically Modified Organism (GMO) and Living Modified Organism (LMO)]	04	100
DPHBT -104	Advance Course in Bioinformatics and System Biology	04	100
CPE-RPE-105	Research and Publication Ethics (RPE)	02	100

Sangeeta

Mohan

- a) Atomic Force Microscopy: -Basic principle, Brief idea of set up –contact mode, tapping mode etc. Different modes of AFM and its importance. Other modified operation such as MFM etc.
- b) Scanning Tunnelling Microscopy: -Basic principle, Brief idea of set up – details of components etc. Different modes of STM and its importance.

IV. Transmission Electron microscopy: -

Basic principle, Brief idea of set up, Sample preparation, imaging modes bright field imaging, dark field imaging, Selected area electron diffraction (SAED) etc.

Unit – IV

(10 hours)

ELECTRONICS AND INSTRUMENTATION

Semiconductor device physics, including diodes, junctions, transistors, field effect devices, homo and heterojunction devices, device structure, device characteristics, frequency dependence and applications; Optoelectronic devices, including solar cells, photodetectors, LEDs; High frequency devices, including generators and detectors; Operational amplifiers and their applications; Digital techniques and applications (registers, counters, comparators and similar circuits); A/D and D/A converters; Microprocessor and microcontroller basics.

References:

1. Handbook of Advanced Materials, Enabling new designs Edited by James K Wessel, publisher: Wiley Interscience, 2004
2. Precursors Chemistry of Advanced Materials, Edited by I.R. A. Fischer, Publisher: Springer.
3. XPS hand book by Briggs
4. IR and Raman spectra by Herzberg
5. Encyclopedia of analytical chemistry. Instrumentation and application (pg 9 – 84) Chapters by Prof. C. V. Dharmadhikari and R. A. Meyer, John Wiley U.K. (2000)
4. TEM: a text book for Material Science; by David B. Williams and C. Barry Carter (Springer Verlag) – 2009
5. Introduction to conventional TEM by Marc DeGraef (Cambridge Solid State Science) 2007
6. Fundamentals of Electronics, Malvino and Leach
7. Semiconductor Devices by S. M. Sze
8. Essentials of Semiconductor Physics by T. Wenckebach (Wiley)

The page features several handwritten signatures and initials in blue ink, likely belonging to students or faculty members. The signatures are somewhat stylized and overlapping, making individual names difficult to decipher precisely. Some recognizable elements include 'Chandru', 'Rajiv', 'Shyam', 'Kumar', and 'Brijesh'.

Basics of laser operation, semiconductor laser, pulsed laser, DFB laser, pico- and femto-second laser and modern applications.

References:

1. J. D. Jackson - Classical Electrodynamics
2. D. J. Griffiths – Introduction to Electrodynamics
3. J. R. Reitz, F. J. Milford, W. Christy – Foundations of Electromagnetic Theory
Complex Analysis by Churchill
4. Mathematical Methods for Physicist by Arfken and Weber
5. Finite dimensional Vector Spaces, P. Halmos
6. Mathematics of Classical and Quantum Physics by F. W. Byron and R.. W. Fuller
7. Concepts of Nuclear Physics, B. L. Cohen (Tata McGraw Hill)
8. Nuclear Physics - An Introduction, S. B. Patel
9. Subatomic Physics, Frauenfelder and Hanley (Prentice-Hall)
10. Nuclear Physics, I. Kaplan
11. Nuclei and Particles, Emilio Segre
12. Nuclear Radiation Detectors, S. S. Kapoor, V. S. Ramamurthy
13. Techniques for Nuclear and Particle Physics Experiments, W R Leo
14. Radiation Detection and Measurement, G F Knoll
15. Quantum Physics of Atoms, Molecules, Solids, Nuclei and particles by R. Eisberg and R. Resnick (John Wiley)
16. The elements of Physical Chemistry by Atkins (Oxford)
17. Quantum Chemistry, by I. N. Levine (Prentice Hall)
18. Atomic and Molecular Physics by H. E. White (East-West Press)
19. Molecular Spectra and Molecular Structure, G. Herzberg, D. Van Nostrand Co. Inc.
20. Atomic and Molecular Spectra, Rajkumar.

*Chenru and D.S.L.
Shankar
V.M. B.M.P.*

Letter No. 311/DM/BBAU/19

Dated: 16-07-2019

To

All members of BPGS (External)

Department of Microbiology

Subject: Approval of syllabus by circulation

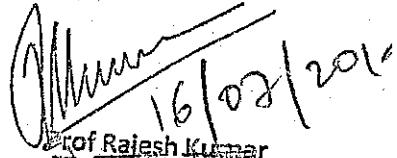
Dear Sir / Madam

Please find enclosed herewith the revised syllabus for the following courses as discussed in the last BPGS meeting held on 26-10-2018 agenda item no. 06

1. M.Sc. Environmental Microbiology
2. M.Sc. Food Microbiology and Toxicology
3. M.Sc. Industrial Microbiology

If you have any suggestion or correction, please let me know so that it can be incorporated. I shall be thankful if there is anything, please let me know by 19-07-2019. Early response on your part will help in implementing the modified syllabus from the current Semester 2019-2020. Please sign the first page of the syllabus and kindly send it by post, if possible, otherwise it will be collected from you at the time of formal meeting probably to be held in January last week, 2020.

With warm regards


16/07/2019
Prof. Rajesh Kumar
मा. राजेश कुमार
Head, Department of Microbiology
Prof. Rajesh Kumar
Chairman, BPGS
प्राचीन विद्यालय
Professor & Head
राष्ट्रीय विद्यालय, नॉ. 1, लखनऊ-226 024
Department of Microbiology, U.P.A.U., Lucknow-226 024

(a)

Minutes of the Board of Post Graduate Studies (BPGS) of Department of Environmental Microbiology held on May 19, 2015 at 11:00 am in Room No. 211, DEM

The meeting of Board of Post Graduate Studies of Department of Environmental Microbiology was held on May 19, 2015 at 11:00 am in Room No. 211, DEM. The following members were present:

- | | |
|----------------------------|------------|
| 1. Dr. Naveen Kumar Arora | - Chairman |
| 2. Prof. A.N. Mukhopadhyay | - Member |
| 3. Dr. Neena Caplash | - Member |
| 4. Dr. Rajesh Kumar | - Member |
| 5. Dr. R.N. Bharagava | - Member |

At the outset the Chairman welcomed all the members. Thereafter the following agenda were discussed:

Agenda 01: Approval of the minutes of DRC held on 30th January, 2015

Resolution: Since Dr. Ram Chandra has left the University, in the interest of his research scholars they may be allotted to the faculty of the department as per the minutes of DRC held on 30th January, 2015. Minutes approved.

Agenda 02: Review of syllabi of M.Sc. courses running in the department.

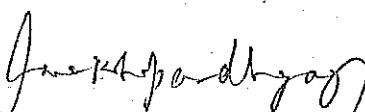
Resolution: Syllabi was revised as per the suggestions of the committee for CBCS.

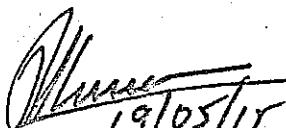
Agenda 03: Any other relevant agenda.

- i. Approval of the minutes of DRC held on 18th Sep. 2013, 24th Oct. 2013, 17th Feb. 2014, 7th May, 2014, 3rd Sep. 2014 and 12th May, 2015

Resolution: The minutes of DRC were approved.


(Dr. Neena Caplash)
Member


(Prof. A.N. Mukhopadhyay)
Member


(Dr. Rajesh Kumar)
Member


(Dr. R.N. Bharagava)
Member


(Dr. Naveen Kr. Arora)
Chairman

DEPARTMENT OF MICROBIOLOGY

BOARD FOR POST GRADUATE STUDIES MEETING

MINUTES OF THE MEETING

BPGS meeting of the Department of Env. Microbiology was held on 26th October, 2018 (Friday) from 10.00AM onwards in the SES Conference Hall. Department of Env Microbiology. Following members attended the meeting.

1. Prof S.R.Dave
2. Dr Hemant Gautam
3. Prof Sandeep Arora
4. Dr Aparna Pharande
5. Dr Alok Satlewal
6. Dr Pankaj Kumar Arora
7. Dr Digvijay Verma
8. Prof Ram Chandra
9. Prof Rajesh Kumar

Agenda item 01

Confirmation of the minutes of the meeting of Departmental Research Committee (DRC).

Resolution: Minutes of DRC meeting held between June 2015 till date as per the details attached as Annexure-1 and others as Annexure-1A. DRC minutes meeting were confirmed.

Agenda item 02

Review of the syllabus of M.Sc. Environmental Microbiology, M.Sc. Industrial Microbiology and M.Sc. Food Microbiology and Toxicology for integration of the common papers in all three courses.

Pharande
26/10/18

JL
26/10/18

Nancy
26.10.18

DR

Shivap
26.10.18

Aparna
26/10

Pankaj

Shivam
26/10/18

Ram
26/10/2018

Resolution:

- a) Minor corrections have been done in the syllabus of MSc. Env Microbiology, signed list by BPGS members is appended (Annexure-2).
- b) General Microbiology, Statistics, Bioinformatics, Tools and Techniques paper can be integrated. In-house Syllabus revision committee will be constituted to incorporate and delete the topics and again put up for next BPGS meeting for approval (Annexure-3).

Agenda item 03

Finalization of the list of Experts in the field of Microbiology for the purpose of:

- A) Ph.D. paper setting
- B) Ph.D. thesis reviewer
- C) M.Sc. practical exam conductance
- D) Overall experts for other works

Resolution: List of Experts appended (Annexure-4).

Agenda item 04

Review of Ph.D. syllabus

Resolution: Revised syllabus appended, signed by BPGS members (Annexure-5).

Agenda item 05

Review of the Integrated Basic Sciences course; incorporation of Microbiology as one of the subjects from Ist Semester so that students of Biology can opt for Microbiology after fourth semester for specialization.

Resolution: Deferred for next meeting.

Sharande
26/10/18

Nanday
26.10.18

Mural
20/10/18

Parbat

Dr

2/4

26/10/18
Ajay
20/10/18

Con'd.

Agenda item 06

Incorporation of industry oriented course.

Resolution: Suggestions appended (Annexure-6).

Agenda item 07

Exploring the possibilities of Industry-Academia Interaction and signing of MoU's.

Resolution: MoU's can be signed for exchange of students.

Agenda item 08

Industrial training

Resolution:

- Students can be facilitated in different industries for training and Research Work.
- Some of the portions related to industry can be incorporated in the syllabus so that it can be job oriented.
- Industrial training/Project work should be promoted

Agenda item 09

Any other item, with the permission of the chair.

1. Manpower and Infrastructure

Resolution: Shortage of infrastructure and manpower creates hinderance in the academic activities of the Department. There are five very important courses being run by the Department, out of which three are in Self

Dharampal
26/10/18

Sharma
26/10/18

Naveen
26/10/18
Panikar

Shivaji
26/10/18
Dinesh
26/10/18
Rajesh
26/10/18

Rakesh
26/10/18

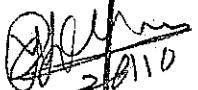
~~NOTE SHEET~~
financing mode. This year, there has been an increase in the fund generation due to more admissions on the existing seats than the previous years. These three courses will be generating approx 51 lakhs annually and is likely to increase if proper infrastructure and manpower support is provided as required.

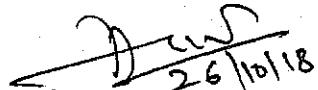
Skill development : Experts from BPGS can deliver lecture for the students when they are coming next time.

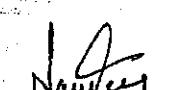
Agenda item 10

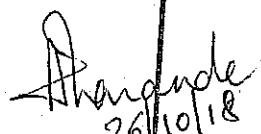
Degree programme of Basic Science should include specialization in the degree certificate.

Resolution: University administration is already working on it.


26/10/18
(Prof S.R.Dave)

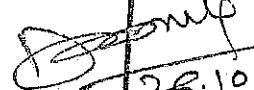

26/10/18
(Dr Hemant Gautam)

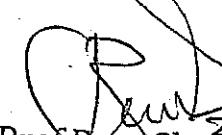

26/10/18
(Prof Sandeep Arora)

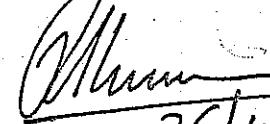

26/10/18
(Dr Aparna Pharande)


(Dr Alok Satlewal)


(Dr Pankaj Arora)


26/10/18
(Dr Digvijay Verma)


26/10/18
(Prof Ram Chandra)


26/10/18
(Prof Rajesh Kumar)

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
SCHOOL OF EDUCATION
B.Ed.
COURSE STRUCTURE (2019 onwards)
B.Ed. SEMESTER I

Course Code	Paper Title	Marks	Credit
B.Ed. 101	Education: purpose and perspectives	100	4
B.Ed. 102	Understanding the learner	100	4
B.Ed. 103	Understanding the disciplines	100	4
B.Ed. 104	Language across the curriculum	100	4
B.Ed. 105	Contemporary India and Education	100	4
	EPC(Enhancing professional capacities)		
B.Ed 106	Reading and reflection of classics (analytical contemplation of two books the report writing)	50	2
B.Ed 107	School Observation (it will include two week school visit and students will be required to study and develop reports on- ➤ Observations of classroom teaching ➤ School profile)	50	2

Note :

1. Semester – I students will take one paper of four credit from other school under CBCS.
2. Language across the curriculum will be treated as non-creditable course. However, every student will study this paper as a compulsory paper.

B.Ed. SEMESTER II

Course Code	Paper Title	Marks	Credit
B.Ed. 201	Understanding learner and teaching -learning process	100	4
B.Ed. 202	Knowledge and Curriculum	100	4
B.Ed. 203	Assessment of learner	100	4
B.Ed. 204	Pedagogy of school subject-1	100	4
B.Ed. 205	Pedagogy of school subject-2	100	4
	EPC		
B.Ed. 206	Microteaching skill practice(10)	50	2
B.Ed. 207	Art and Drama in Education	50	2

Note :

1. Semester – II students will take one paper of four credit from other School under CBCS.
2. Assessment of Learner will be treated as Non – creditable Course. However, every student will study this paper as a compulsory paper.

✓ ✓ ✓ AUS

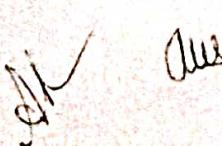
B.Ed. SEMESTER - III

Course Code	Paper Title	Marks	Credit
B.Ed. 301	Pre-internship experience	50	2
B.Ed. 302	School internship-I	200	8
B.Ed. 303	School internship -II Students will engage in following activities and prepare the reports:- <ul style="list-style-type: none">➢ Preparation of an achievement test report➢ Action research➢ Arranging co-curricular activities➢ Community interaction activity➢ Project work on any one like- preparation of academic calendar/time table/ students profile/ cumulative record➢ Reflective journal➢ Library / Laboratory	350	14

B.Ed. SEMESTER - IV

Course Code	Paper Title	Marks	Credit
B.Ed. 401	Environmental Education	100	4
B.Ed. 402	School Administration and Management	100	4
B.Ed. 403	ICT Enabled Education	100	4
B.Ed. 404	Inclusive Education	100	4
B.Ed. 405	Optional paper (any one of the following) a) Gender and society b) Human rights and Peace Education c) Guidance and counseling d) Yoga Education	100	4
	EPC		
B.Ed. 406	Community work and report writing (It will include community services)	50	2
B.Ed. 407	Education visit and report writing*	50	2

*The financial expense for the educational visit will be the responsibility of the students



BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY**SCHOOL OF EDUCATION****B.Ed.****COURSE STRUCTURE (2019 onwards)****B.Ed. SEMESTER I**

Course Code	Paper Title	Marks	Credit
B.Ed. 101	Education: purpose and perspectives	100	4
B.Ed. 102	Understanding the learner	100	4
B.Ed. 103	Understanding the disciplines	100	4
B.Ed. 104	Language across the curriculum	100	0
B.Ed. 105	Contemporary India and Education	100	4
	EPC(Enhancing professional capacities)		
B.Ed 106	Reading and reflection of classics (analytical contemplation of two books the report writing)	50	2
B.Ed 107	School Observation (it will include two week school visit and students will be required to study and develop reports on- ➤ Observations of classroom teaching ➤ School profile)	50	2

Note :

1. Semester - I students will take one paper of four credit from other school under CBCS.
2. ~~Language across the curriculum will be treated as non compulsory paper.~~
However, every student will study this paper as a compulsory paper.

B.Ed. SEMESTER II

Course Code	Paper Title	Marks	Credit
B.Ed. 201	Understanding learner and teaching -learning process	100	4
B.Ed. 202	Knowledge and Curriculum	100	4
B.Ed. 203	Assessment of learner	100	4
B.Ed. 204	Pedagogy of school subject-1	100	4
B.Ed. 205	Pedagogy of school subject-2	100	4
	EPC		
B.Ed. 206	Microteaching skill practice(10)	50	2
B.Ed. 207	Art and Drama in Education	50	2

Note :

1. Semester - II students will take one paper of four credit from other School under CBCS.
2. Assessment of Learner will be treated as Non- creditable Course. However, every student will study this paper as a compulsory paper.

AH

JWS

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

DEPARTMENT OF EDUCATION

B.Ed (Semester III)

Course structure

Course	Course title	marks	credit
B.Ed. 301	Pre-internship Experience	100(50 internal+50 External)	4
B.Ed. 302	Teaching experience (Pedagogy 1)	100(50 internal+50 External)	4
B.Ed. 303	Teaching experience (Pedagogy 2)	100(50 internal+50 External)	4
B.Ed. 304	School Internship –I Students will engage in following activities and prepare the reports- <ul style="list-style-type: none"> ➢ Preparation of an achievement test report ➢ Action research and preparing a report ➢ Preparing reports on Library and laboratory 	150 (50 internal +100 External)	6
B.Ed. 305	School Internship –II Students will engage in following activities and prepare a report <ul style="list-style-type: none"> ➢ Arranging co-curricular activities ➢ Community interaction activities ➢ Project work on any one like- preparation of academic calendar/time table/ students profile/ cumulative record /Reflective journal 	150 (50 internal +100 External)	6
Total		600	24

Pedagogy Subject I- English, Hindi, Mathematics, Biological Sciences, Commerce, Computer Sciences.

Pedagogy Subject II- Physical Science, History, Civics, Geography, Economics

*Sh. She
08.07.2023*

B.Ed. SEMESTER - IV

Course Code	Paper Title	Marks	Credit
B.Ed. 401	Environmental Education	100	4
B.Ed. 402	School Administration and Management	100	4
B.Ed. 403	ICT Enabled Education	100	4
B.Ed. 404	Yoga Education	100	4
B.Ed. 405	Optional paper (any one of the following) a) Gender and society b) Human rights and Peace Education c) Guidance and counseling d) Inclusive Education	100	4
B.Ed. 406	EPC Community work and report writing (It will include community services)	50	2
B.Ed. 407	Education visit and report writing*	50	2

*The financial expense for the educational visit will be the responsibility of the students



A handwritten signature in black ink is written over a diagonal line. Below the signature, the date '08/01/21' is written in a smaller, clear font.



बाबासाहेब भीमराव अंबेडकर विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय)

विद्या विहार, रायबरेली रोड, लखनऊ-226025

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow-226025

Letter No 1/CSSEIP/BBAU/2019

Date 31/07/2019

Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP)

Notice

Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP) offers Open Elective Course titled "Social Exclusion and Inclusive Development" under the Choice Base Credit System (CBCS). This course can be opted by postgraduate students of the University. Other details are available on the notice board of the Centre for the Study of Social Exclusion and Inclusive Policy.

Students Advisor:

- Dr. Prasmita Mohanty, Associate Prof. (CSSEIP)
- Dr. Bibekananda Nayak, Assistant Prof. (CSSEIP)
- Dr. Sangeeta Krishna, Assistant Prof. (CSSEIP)

Course Code	Course Title	Maximum Marks/ Grade			Credit	
		Mode of assessment				
		Tutorial Presentation I	Mid Semester II	End Semester		
CSS101	Social Exclusion and Inclusive Development	10 %	20%	70%	4	

Director (I.C.)
(CSSEIP)

Copy to:

1. A.R. to V.C. Office for kind information of the Hon'ble Vice Chancellor BBAU Lucknow
2. Dean (Academic) BBAU, Lucknow
3. All Deans with a request to give it a wide publicity among the stakeholders of all Departments under their School.
4. Registrar, BBAU, Lucknow.
5. COE, BBAU, Lucknow.
6. Notice Board CSSEIP
7. DC University Website for its uploading on University Website.

SBly

[Signature]
Director (I.C.)
(CSSEIP)

Centre for the Social Exclusion and Inclusive Policy (CSSEIP)

Open Elective Paper

CSS101: Social Exclusion and Inclusive Development

Course Teachers

- Dr. Prasamita Mohanty
- Dr Bibekananda Nayak
- Dr. Sangeeta Krishna

Course Duration: One Semester

Course Codes: CSS 101

Credits: 4

Contact Hours: 48

Lectures: 9.30-10.30 (as per University schedule)

Objectives

Credits: 4

- Problematisation of the social exclusion concept in different context like social, cultural and at the local, national and global level and introduce to student the different forms and its impact.
- To focus on the essential components and discusses about various movements social religious and contemporary.
- To acquaint the students with the basic concepts, terms and issues in which gender emerged as a distinctive discipline.
- To analyze the status of education and introduce students understand the policy perspective provisions related to education of socially disadvantaged section in India.

Mode of Assessment

Mid Semester Exam: 20 %

Tutorial Presentation: 10%

End Semester Exam: 70 %

Course Structure

Unit I: Social Exclusion, Inclusion and Contemporary Discourse

(Lectures: 12)

- Concept and types of Social Exclusion
- Issues , Impact and Contemporary discourse on Social Exclusion
- Understanding and strategies for Social Inclusion: Contemporary Debates

*Jomika R. Sabha
Pratibha K.*

Unit II: Movements and Social Change

(Lectures: 12)

- Socio-religious Movements: Brahmo Samaj, Arya Samaj and Self respect
- Social Movements :Peasant, Dalit, Tribal and Contemporary
- Social Change: Socialization, Westernization and Sanskritization

Unit III: Gender and Inclusion

(Lectures: 12)

- Basic Concept of Gender: Issues and Current debates
- Social structures and Gender
- State Sponsored Policies and Programmes: Welfare, Development , Empowerment and Inclusion &Affirmative Action
- Gender Analysis of Planning and Gender Budgeting

Unit IV Education for Inclusive Development

(Lectures: 12)

- Concept and Structure of Indian Education
- Problems and Impediments in Education at different level
- Policies and Programmes and Provisions for Inclusion

Essential Readings

- Bhasin Kamla 1993 what is Patriarchy, Kali for Women, New Delhi.
- Bhasin, Kamla 2000, Understanding Gender, New Delhi: Kali for Women.
- Bhattacharya H. Partha Sarkar & Anshuman Kar , 2010, The Politics of Social Exclusion in India: Democracy at the Crossroads, Routledge Publications, London.
- Bryne, David, 2006 Social Exclusion, London: Open University Press.
- Dash M.2004. Education in India: Problems & Perspectives, Atlantic Publisher.
- Dash, L N 2010 Education and Inclusive Development in India, Regal Publications.
- De Haan, Arjan 1999 Social Exclusion: Towards a Holistic Understanding of Deprivation, London: Department for International Development.
- Geetha V. 2006 Gender . Stree. Kolkata
- Neera Desai and Maithreyi Krishna Raj 1987, Women and Society in India: Ajanta Publications, New Delhi.
- Oommen T K, 2010, Social Movements Vol 1 & 2, Oxford University Press .
- Prakash Ved & K Biswal ,2008Perspectives on education and development Shipra Publication
- Sen, Amartya, 2007, Social Exclusion: Concept, Application and Scrutiny, New Delhi: Critical Quest.
- Shah, Ghanshyam 1990 Social Movements in India, Sage Publications.
- Subramanyam V. & K. Sekhar 2010, Social Exclusion, Integration and Inclusive Policies Rawat Publications

Bhattacharya
RPSAHR

Patriarchy

h/w

Suggested Readings

- Connell Robert. 1997 Gender and Power, Cambridge: Polity press
- Connell Robert. 1997 Gender and Power, Cambridge: Polity press
- De Bouvier, Simone, 1970 The Second Sex, Batman, New York,
- Desai, Neera and Krishnaraj, Maithreyi, 2004 "An Overview of the Status of Women in India" in Manoranjan Mohanty, (ed). Class, Caste, Gender Sage Publications, New Delhi
- Zelliott, Eleonar 1992 From Untouchable to Dalit: Essay on Ambedkar Movement, Manohar Publishers, New Delhi.
- Omvedt, Gail 1998 Dalit Vision, Sage Publications, New Delhi .
- Gail Omvedt, 1976, Cultural Revolt in a Colonial Society, Bombay: Scientific Socialist Education Trust.
- Shah, Ghanshyam 2001, Dalit Identity and Politics, (ed.) Sage Publications, New Delhi .
- Government of India 1986. National Policy on Education, Department of Education, New Delhi.
- Government of India 1992. Programme of Action, MHRD, Department of Education, New Delhi.
- Guru, Gopal. 2003. "Dalit Women Talk Differently" in Anupma Rao, (ed)Gender and Caste, Kali for Women and Women Unlimited, New Delhi,
- Jain, S.C. 2005: *Education and socio-economic development*, Concept publishing house, New Delhi.
- Levitas, R. (1998). *The Inclusive Society? Social Exclusion and New Labour* London: Palgrave Macmillan.
- Desai Neera and Vibhuti Patel,1985 Indian Women Change and Challenge in the International Decade 1975-85, Popular Prakashan Pvt. Ltd, Bombay
- Sharma, S.N and Singh M.K.; (2000): Education and Society, Common wealth publication, New Delhi
- Singh Rajendra, 2001,Social Movements: Old & New , Sage Publications
- Krishna Iyer, V.R (1991) Social Justice and The Undone Vast, Justice B.R. publishing Corporation, Delhi.
- Michael, S.M. 1999.Dalit in Modern India,, Vistar publications , New Delhi.

Recommended Journals

- Indian journal of Gender Studies
- Gender and Development
- Economic and Political Weekly

*Bhrikuti
R.P. Lahoti
Protoby [unclear]*



बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय)

विद्या विहार, रायबरेली रोड, लखनऊ-226025

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY

(A Central University)

Vidya Vihar, Raebareli Road, Lucknow-226025

Letter No.79/CSSEIP/BBAU2020

Date: 06/01/2020

Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP)

Notice

Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP) offers open Elective Course titled “Social Exclusion and Inclusive Development” under the Choice Base Credit System (CBCS). This course can be opted by postgraduate students of the University. Other details are available on the notice board of the Centre for the Study of Social Exclusion and Inclusive Policy.

Students Advisors:

- Dr. Rudra Prasad Sahoo Assistant Prof. (CSSEIP)
- Dr. Bibekanada Nayak Assistant Prof. (CSSEIP)
- Dr. Mohd. Reyaz Ahmad Research Associate (CSSEIP)

Course Code	Course Title	Maximum Marks/Grade			Credit	
		Mode of assessment				
		Tutorial Presentation	Mid Semester	End Semester		
CSS 102	Public Policy, Governance and Development	10%	20%	70%	4	


Director (I/C)
(CSSEIP)

Copy to:

1. A.R. to V.C. office for Kind information of the Hon'ble Vice Chancellor BBAU Lucknow
2. Dean (Academic) BBAU. Lucknow
3. All Deans with a request to give it a wide publicity among the stakeholders of all Departments under their School.
4. Registrar, BBAU, Lucknow.
5. COE, BBAU, Lucknow.
6. Notice Board CSSEIP

7. I/C University Website for its uploading on University Website.


SUBJECT


Director (I/C)
(CSSEIP)

CSS 102: Public Policy, Governance and Development

Course Teachers

- Dr. Prasamita Mohanty
- Dr. Rudra Prasad Sahoo
- Dr Bibekananda Nayak
- Dr. Sangeeta Krishna
- Dr. Mohd. Reyaz Ahmad

Course Duration: One Semester

Course Code: CSS 102

Credits: 4

Contact Hours: 48

Lectures: 9.30-10.30 (as per University schedule)

Objectives

- To understand the Public Policy formulation process and policy evaluation.
- To analyze the governance issues/problems and the necessities of administrative reforms,
- To present theoretical and practical understanding of political change and how political authorities shape the public policy

Mode of Assessment:

Mid Semester Exam: 20 %

Tutorial Presentation: 10%

End Semester Exam: 70 %

Course Structure

Unit-I: Public policy & Development in India context

(Lectures: 12)

- Public Policy meaning Nature and signification
- Role of Public policy in development
- State initiatives for Development
- Issue in Development, MANREGA, NRHM, PDS.

Unit- II Politics and development

(Lectures: 12)

- Politics and pro – development
- Marginalized in development
- Emergence of Inclusive development: Role of state, civil society
- Critique of inclusive development

Unit - III Constitutional Rights and Crisis of Public Policy.

(Lectures: 12)

*B. Prasamita Mohanty
R. Prasad Sahoo
B. Nayak
S. Krishna
M. Reyaz Ahmad*

- Constitutional Mandate in relation to Public Policy.
- Formulation of Public Policy.
- Evaluation of public Policy.

Unit – IV Issues of Indian Governance

(Lectures: 12)

- Integrity and Ethics in administration.
- Contemporary Issues of Indian Federalism
- Administrative Reforms

Essential Readings

- Ali Farazamand, 2004, Sound Governance; Policy and Administrative innovations, Praeger publishers, Westport, London
- Arora. K. Ramesh and Goyal Rajni, 2004, Indian Public Administration, Wishva Prakashan, New Delhi
- Ahmad, M.R, 2016, Reinventing Higher Civil Services: Necessities of Administrative Reforms in India, *International Journal of Multidisciplinary Approach and Studies*, Vol:3,No:4, July - August 2016, Pp.119-131.
- Ahmad, M.R, 2016, Necessity of Administrative Reforms in India: Good Governance Perspective, *International Journal of Multidisciplinary Approach and Studies*. Vol:2,No:5, September - October 2015, Pp.218-229.
- Nath, Surendra (2003). Report of the Group Constituted to review the system of Performance Appraisal, Promotion, Empanelment and Placement for the „AIS“ and other group „A“ services, Department of Administrative Reforms, Government of India.
- 2nd Administrative reforms Commission, 2005-10, GOI.
- 1ST Administrative Commission Report, 1967-70, GOI
- Hota, P.C. (2004). Report on Civil Service Reforms, Cabinet Secretariat, Government of India.
- Chakrabarty, B, and Chand Prakash, 2016, Public Policy: Concept, Theory and Practice, Sage Publications.
- Dye Thomas, 2002, Understanding Public Policy, Singapore, Pearson Education
- Kashyap, Subhash, C., (ed.), 1990, National Policy Studies, New Delhi, Tata McGraw-Hill
- Ganapathy,R.S, et al (ed),1985 Public Policy and Policy Analysis in India, New Delhi, Sage
- Banerjee,Abhijit V. and Esther Duflo. 2011. “Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty”, Public Affairs, New York. (Chapter 10)
- Besley ,Timothy and Torsten Persson. 2011. “Pillars of Prosperity: The Political Economics of Development Clusters”, Princeton University Press, New Jersey. (Chapter 9)
- Corduneanu-Huc,Cristina , Alexander Hamilton and Issel Masses Ferrer. 2012. “Understanding Policy Change: How to Apply Political Economy Concepts in Practice.” Washington D. C.: World Bank Publications. (Chapters 4)

*Bharat Ratna
Pratibha
Drazena*

Suggested Readings

- Dye Thomas, 2002, Understanding Public Policy, Singapore, Pearson Education
- Parsons Wayne, 1995, Public Policy: An Introduction to The Theory of Policy Analysis, Massachussettes,Edward Elgar Publishres.
- Dayal Ishwar, et al, 1976, Dynamics of Formulating Policy in Govt. of India, New Delhi, Concept
- Ganapathy, R. S., et. al., (eds.), 1985, Public Policy and Policy Analysis in India, New Delhi, Sage
- Kashyap, Subhash, C., (ed.), 1990, National Policy Studies, New Delhi, Tata McGraw-Hill
- Indian Journal of Public Administration (Relevant articles)
- Stone Deborah, 2001, The Policy Paradox, NY, Norton
- Woll Peter 1974, Public Policy, Mass., Winthrop Publishers,,
- Galligan, B., 2006, Comparative Federalism, in R.A.W. Rhodes, S. A. Binder and B.A. Rockman (eds.), The Oxford Handbook of Political Institutions, Oxford, Oxford University Press, pp. 261-280.
- Muller, W.C, 2008, Governments and bureaucracies, in D. Caramani (ed.), Comparative Politics, Oxford University Press, pp. 189-216.
- Powell B.G. Jr, 2000, Elections as Instruments of Democracy: Majoritarian and Proportional Visions, New Haven, Yale University Press.
- Rokkan S., 1999, State Formation, Nation-Building and Mass Politics in Europe, edited by P. Flora, Oxford, Oxford University Press.
- Starr P., 2007, Freedom's Power: the True Force of Liberalism, New York, Basic Books
- Mandelbaum M., 2007, Democracy's Good Name: The Rise and Risks of the World's Most Popular Form of Government, New York, Public Affairs.
- Administrative Reforms Commission Reports, I &II, GoI,
- Anderson, J.E. (1975). Public Policy Making New York: Praeger.
- Blackmoore, K. (1998) Social Policy: In Introduction. Buckingham: Open University Press
- Borker, G. (1961) Health in Independent India (revised ed.) Ministry of Health. New Delhi.
- Dean, H. (2006) Social Policy. Cambridge. Polity press.
- Drake, R.F. (2001). The Principles of Social Policy. New York: Palgrave.
- Dror, Y. (1968). Public Policy Making Re-examined, San Francisco: Chander.
- Gilbert, Neil and Specht, Harry. (1974). Dimensions of Social Welfare Policy. New Jersey: Prentice Hall.
- Gokhale, S.D. (1975). Integrated Social Policy in India. Social Welfare: Legend and Legacy. Bombay: Popular Prakashan.
- Hall, A. L. And Midgley, Jj. (2004). Social policy for development. London: Sage.
- Khan, Alfred J. (1969). Studied in Social Policy and Planning. New York: Russel sage Foundation.

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R.P.Sinha
Pratap
B.M.L.D.

- Kulkarni, P.D. (1969). Social Policy in India. Indian Journal of Social Work. TIDD. Vol: 23, No.-3
- Kulkarni, P.D. (1965). Social Policy in India. Indian Journal of Social Work. Vol. 23.
- Kumar, V. And Sinha, U. (2001). Dalit Assertion and Bahujan Samaj Party. Lucknow Bahujan Sahitya Sansthan.
- Marshall, T.H. (1967). Social Policy. Hutchinson.
- Miller, S. (1994). The Development of Social Policy. New York: Oxford University
- Pinker, R.A. (1971). Social Theory and Social Policy Heinemann.
- Rein, M.(1970). Social Policy: Issues of Choices and Change. New York: Random House.
- (1996). Tribal Development in India: Programmes and Perspectives, New Delhi: Mittal Publications.

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MPH/DPH 101: Research Methodology

Unit - I

(8 hours)

Introduction : Definition of Research, Qualities of Researcher, Components of Research Problem, Various Steps in Scientific Research : Hypotheses, Research Purposes, Research Design, Literature searching

Unit - II

(8 hours)

Design And Planning of Experiments, Time Scheduling: Aims and Objectives, Expected outcome, Methodology to be adapted, Planning of experiments for achieving the aims and objectives, Importance of reproducibility of research work.

Unit - III

(16 hours)

Statistical Analysis And Fitting Of Data : Introduction to Statistics – Probability Theories - Conditional Probability, Poisson Distribution, Binomial Distribution and Properties of Normal Distributions, Estimates of Means and Proportions; Chi-Square Test, Association of Attributes - t-Test - Standard deviation - Co-efficient of variations. Correlation and Regression Analysis. Introduction to statistical packages, plotting of graphs. Sources of Data: Primary Data, Secondary Data; Sampling Merits and Demerits of Experiments.

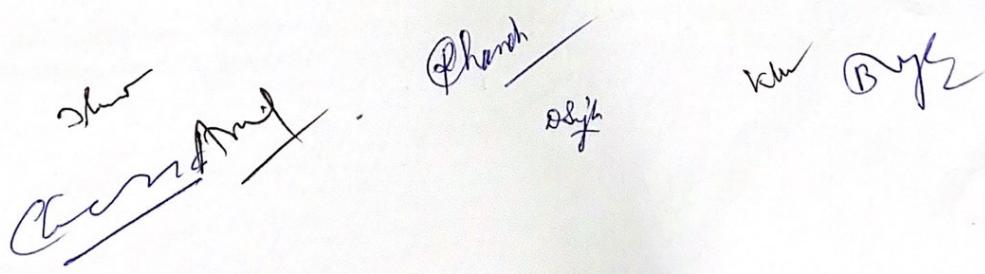
Unit - IV

(8 hours)

Scientific Writing : Structure and Components of Research Report, Types of Report: research papers, Thesis, Research Project Reports, Pictures and Graphs, Citation styles,

References:

- HANDBOOK OF RESEARCH METHODOLOGY, August 2017, Edition: 1, Publisher: Educreation
 ISBN: 978-1-5457-0340-3, Project: Research Methodology
- 1. "How to write and Publish" by Robert A. Day and Barbara Gastel, (Cambridge University Press).
 - 2. "Survival skills for Scientists" by Federico Rosei and Tudor Johnson, (Imperial College Press).
 - 3. "How to Research" by Loraine Blaxter, Christina Hughes and Malcolm Tight, (Viva Books).
 - 4. "Probability and Statistics for Engineers and Scientists" by Sheldon Ross, (Elsevier Academic Press).
 - 5. "The Craft of Scientific Writing" by Michael Alley, (Springer).
 - 6. "A Students's Guide to Methodology" by Peter Clough and Cathy Nutbrown, (Sage Publications).


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MPH/DPH 102A: Materials Science**Unit-I**

(12 Hours)

Introduction to Materials

Classification of Materials based on Function, Structure, Environmental and Other Effects, Materials Design and Selection, Classification of materials: construction materials, electronic materials, magnetic materials, photonic materials, Biomaterials, Organic materials, Nanostructured materials and Composites.

Unit-II

(10 Hours)

Structure of Crystalline solid

Crystal structure, Crystallographic: Point, direction and plane, Closed packed structures. Symmetry elements, Symmetry groups, Reciprocal Lattice, Construction of reciprocal lattices of SC, BCC and FCC; Concept of Brillouin zone, Diffraction from crystals and crystal structure study, Crystalline and non-crystalline materials, Crystal imperfections: point defects, miscellaneous imperfections and microscopic examinations.

Unit-III

(10 Hours)

Microscopy and Microanalysis of materials

Scanning Electron Microscopy, Transmission Electron Microscopy, Atomic Force Microscopy, X-ray Diffraction, UV-visible spectroscopy, Fourier Transform Infra Red Spectroscopy, Raman Spectroscopy, Differential Scanning Calorimetry, Atomic Absorption Spectroscopy, Ellipsometry, Ultrasonic characterization and evaluations etc.

Unit-IV

(12 Hours)

Science and Technology of thin Films

Basics of the thin film growth: Brief review of kinetic theory, adsorption and desorption, Nucleation and Growth, Epitaxy, Thin film control, Surfaces; Layered Structures, Physical Vapor Deposition, Chemical Vapor Deposition, Chemical Techniques - Spray Pyrolysis, Electro-deposition, Sol-Gel Techniques, Basic thin film characterization: thickness measurement, phase analysis, optical analysis, morphology analysis.

References:

1. The Science and Engineering of Materials, 5th ed, Donald R. Askeland and Pradeep P. Phulé, Thomson Learning, 2006.
3. Materials Science and Engineering: An Introduction, W D Callister, Jr., John Wiley & Sons, NY, 2007.
3. Science of Materials Engineering, 2nd Edition, C. M. Srivastava and C. Srinivasan, New Age International Publ., New Delhi, 2005
4. Materials Characterization techniques, S. Zhang, L. Li and A. Kumar, CRC Press, Taylor & Francis Group, NY, 2008.
5. Milton Ohring, The Materials Science of Thin Films, Academic Press, Sanden, 1992
6. Kasturi L. Chopra, Thin Film Phenomena, McGraw Hill, NY, 1969
7. Materials Science of Thin Films, Milton Ohring, Second Edition, Academic Press, London

MPH/DPH 103: Advance Paper-I**Unit - I****(10 hours)****ELECTRODYNAMICS**

Electrostatics: Poisson and Laplace's equations, Boundary value problems.

Magnetostatics: Multipole expansions of potentials, Time varying fields, Faraday's law, Maxwell's displacement current, Maxwell's equations, Poynting's theorem, Wave equations, Electromagnetic plane waves, Linear, circular and elliptic polarization, Reflection and refraction of plane waves, Green's function, Gauss variance.

Unit - II**(10 hours)****MATHEMATICAL METHODS OF PHYSICS****Problem solving using analytical and numerical methods**

Linear differential equations and introduction to Special functions (Hermite, Bessel, Laguerre and Legendre); Solutions of differential equations using numerical techniques like Runge-Kutta method and other predictor-corrector methods, finite element method, FTDT method, Monte Carlo simulation, Fourier and Laplace transforms, Group theory and applications, symmetry elements.

Unit - III**(10 hours)****COMPUTATIONAL TECHNIQUES**

Function approximation and errors, Solution of equations: Bisection, Iteration and Newton-Raphson methods, Numerical differentiation, Numerical integration- Trapezoidal, Simpson's 1/3, and Simpson's 3/8 methods, Solution of ordinary differential equations- Euler, Euler modified, and Runga-Kutta methods, Solution of simultaneous linear algebraic equations- Gauss elimination method, Least-square curve fitting- Straight line and polynomial fits.

Unit - IV**(10 hours)****SPECTROSCOPY**

Quantum states of an electron in an atom; Electron spin; Spectrum of Hydrogen, helium and alkali atoms; Fine structure and hyperfine structure, width of spectral lines; LS & JJ coupling; Zeeman, Paschen Back & Stark effect;

X-ray spectroscopy; Electron spin resonance, Nuclear magnetic resonance, Rotational, vibrational, electronic, and Raman spectra of diatomic molecules; Frank – Condon principle.

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MPH/DPH 104: Advance Paper-II**Unit - I****(10 hours)****ADVANCED MATERIALS: CONCEPT AND SYNTHESIS**

Physics of Low Dimensional materials: Quantum dots and other nanostructures; advanced functional materials for applications in energy harvesting, nano/microelectronic devices, catalysis, sensors etc.

Critical issues for nanostructure synthesis and strategies. Ball Milling, Sonication, Low temperature Combustion Synthesis (LCS) method, Chemical Vapour Deposition (CVD) technique, Implantation technique by low energy accelerators, Hydrothermal / Solvothermal Synthesis, Sol-gel Method, Aerosol method, Citrate gel (Penchini) method.

Unit - II**(10 hours)****EXPERIMENTAL TECHNIQUES -1****I. Structural and Compositional Characterization**

X-ray diffraction (ϕ scan, ω scan), Scanning Electron Microscopy- Energy Dispersive X-ray Analysis, X-ray Fluorescence, etc.

II. Optical Characterization

Fourier Transform Infrared Spectroscopy (FTIR), UV- Vis. Spectroscopy, Room temperature as well as low temperature Photoluminescence

III. Magnetic and dielectric measurements

Vibrating Sample Magnetometer (VSM), Mössbauer spectroscopy.

Unit - III**(10 hours)****EXPERIMENTAL TECHNIQUES -2****I. X-Ray Photoelectron Spectroscopy:-**

Basic principle, Sample handling and preparation, Depth profiling and interpretation of the spectra recorded after deconvolution – case study ZnO.

II. Raman Spectroscopy:-

Basic principle, Brief idea of set up, excitation wavelength choice, Deconvolution of the peaks, analysis of the spectra based on peak position, FWHM of the vibrational modes, area etc.

III. Scanning Probe Microscopy –

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Syllabus for Course Work of Ph.D. and M. Phil. in Physics

Semester – 1

Course Structure:

Sr. No.	Course Code	Paper Title	Credit
Core Paper			
1.	MPH/DPH 101	Research Methodology	4
2.	MPH/DPH 103	Advance Paper-I	4
3.	MPH/DPH 104	Advance Paper-II	4
Discipline Specific Optional Paper (One Paper needs to be opted)			
4.	MPH/DPH 102A	Materials Science	4
5.	MPH/DPH 102B	Nanoscience and Nanotechnology	4
6.	MPH/DPH 102C	Molecular Modelling and Computational Techniques	4
7.	MPH/DPH 102D	Fundamentals of Nuclear Structure	4
8.	MPH/DPH 102E	Radiation Physics	4
9.	MPH/DPH 102F	Advanced Optics	4

Mode of Evaluation:

Sessional 30% and End Semester 70%

Handwritten signatures of faculty members:

- Anil
- Shweta
- Phareeh
- Rakesh
- Dr. Jyoti
- Kishore