

SCHEME AND SYLLABUS 2023 ONWARDS

(OUTCOME BASED EDUCATION)

For
MBA (LAND GOVERNANCE)



UNIVERSITY OF KERALA
THIRUVANANTHAPURAM - 695034

Program Regulations and Syllabus - For those who joined in 2023– 24 onwards

- **PROGRAM:** Master of Business Administration (MBA)
- **PROGRAMMES OFFERED:**
A.MBA (LAND GOVERNANCE)
- **DURATION:** Two years Full Time (each year having Two Semesters)
- **MEDIUM OF INSTRUCTION AND EXAMINATIONS:** English only.
- **ELIGIBILITY FOR ADMISSION:**
 - A. The candidate should have passed the degree from any Indian University, under the regular stream, recognized by the University of Kerala and shall be in the 10+2+3 pattern (or in 10+2+4 pattern). In all the cases the student should have passed the degree examination with not less than 50% marks/equivalent grade (no rounding off allowed) in Part III /core plus complimentary in BA, B.Sc., B.Com. etc., or 50% marks/equivalent grade (no rounding off allowed) in aggregate in case of B.E/ B.Tech, B.Sc. (Agri.) and other 4/5 year degree courses. The candidates, who have passed MA/M.Sc./M. Com or any other PG Degree recognized by the University of Kerala with 50% of marks/equivalent grade in aggregate, are also eligible for admission. SC/ST, SEBC and differently abled candidates shall be given relaxation as per University rules.
 - B. The candidates should possess a valid score from any one of the entrance examinations conducted by K-MAT, C-MAT or CAT. The scores obtained during the previous academic year alone be considered.
 - C. The provisional rank list for admission to the MBA programme will be prepared based on the score obtained by the candidate in the Entrance Test (80% weightage), Group Discussion (10% weightage) and Interview (10% weightage).
 - D. Ten percentage of seats will be reserved for the Government sponsored officials from the state and Central Government. The candidates under this category are exempted from Entrance test but they have to appear Group Discussion and Interview.
 - E. There will be a representative of the University in the Group discussion and Interview held at the colleges. Dean, Faculty of Management studies will forward the list of representatives to the University and upon approval, the University will intimate colleges.
 - F. Candidates who have passed their Degree or Master's Degree from other Universities should produce the Eligibility Certificate issued by the University of Kerala (Course Equivalency Certificate) at the time of admission. Only those candidates who produce eligibility certificate and mark lists of Degree or Master's Degree from *other universities* at the time of counseling, will be considered for admission.
 - G. Reservation of seats is as per the Government of Kerala and University of Kerala norms from time to time.

- **PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)**

Upon completing the degree, the student will be able to:

- PEO - 1** Analyse social and environmental aspects with professional values, ethics and equity to transform the learned and acquired knowledge, skills, and expertise to the community
- PEO - 2** Involve in lifelong learning to adapt educational needs in a changing world to maintain their competency and to contribute to the advancement of knowledge in a multi-disciplinary environment.
- PEO - 3** Learn to adapt to a rapidly changing environment with learned and applied new Skills
- PEO - 4** This programme will equip the candidate to be socially responsible and value driven citizens committed to sustainable development.
- PEO - 5** To inculcate the spirit of teamwork, integrity, professional values so that the student will be able to perform effectively in an organizational set up or on their own entrepreneurial ventures

- **PROGRAMME OUTCOMES (POs)**

Number	Programme Outcome
PO – 1	Demonstrate the ability to perform professionally in organizations or start-ups.
PO – 2	Perform in a social, cultural, and ethical responsibility as an individual or as a member of a team in a professional manner.
PO – 3	Exude positive attitude in all the sectors and are willing to support any professional initiatives with positive mind-set.
PO – 4	Adapt to sustain in emerging era and constantly upgrade skills towards independent and lifelong learning
PO – 5	Communicate complex concepts with professionalism by adapting appropriate resources and modern tools
PO – 6	Able to document their participation and contribution to student organizations, business or consulting projects, internship opportunities or other initiatives.
PO – 7	Able to conceptualize, organize and resolve complex business problems or issues by using the resources available under their discretion

- PO – 8** Understand the impact of the professional management solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
- PO – 9** Apply ethical principles and commit to professional ethics and responsibilities and norms of the management practice.
- PO – 10** Able to identify, assess and shape entrepreneurial opportunities and to evaluate their potential for business success.

- **PROGRAMME SPECIFIC OUTCOMES (PSOs)**

Number Programme Specific Outcomes

- PSO 1** Apply the knowledge gained during the program to identify, Formulate and solve real life problems to meet the core competency with continuous up
- PSO 2** Apply the knowledge of ethical and management principles required to work in a team with stewardship of the society.
- PSO 3** Consolidate the acquired theoretical knowledge into practical skills and wisdom.
- PSO 4** Discharge his/her social responsibility to the community at large and participate in volatile and disaster situations.

- **PROGRAMME STRUCTURE:**

SEMESTER - I

Part	Course Code	Name of the course	Int	Ext	Tot	Cr
Core 1	MGT 511	PRINCIPLES & PRACTICES OF MANAGEMENT	25	75	100	4
Core 2	MGT 512	ORGANISATIONAL BEHAVIOUR	25	75	100	4
Core 3	MGT 513	DOMESTIC BUSINESS ENVIRONMENT AND VALUE BASED MANAGEMENT	25	75	100	4
Core 4	MGT 514	ACCOUNTING FOR MANAGERS	25	75	100	4
Core 5	MGT 515	MANAGERIAL ECONOMICS	25	75	100	4
Core 6	MGT 516	QUANTITATIVE TECHNIQUES	25	75	100	4

Core 7	MGT 517	ENVIRONMENTAL MANAGEMENT	25	75	100	4
		Total for semester – I	175	525	700	28

SEMESTER - II						
Part	Course Code	Name of the course	Int	Ext	Tot	Cr
Core 8	MGT 521	EXECUTIVE BUSINESS COMMUNICATION	25	75	100	4
Core 9	MGT 522	MARKETING MANAGEMENT	25	75	100	4
Core 10	MGT 523	OPERATIONS RESEARCH	25	75	100	4
Core 11	MGT 524	BUSINESS LAW	25	75	100	4
Core 12	MGT 525	PRODUCTION AND OPERATIONS MANAGEMENT	25	75	100	4
Core 13	MGT 526	RESEARCH METHODOLOGY	25	75	100	4
Core 14	MGT 527	FINANCIAL MANAGEMENT	25	75	100	4
Core 15	MGT 528	MANAGING HUMAN RESOURCES	25	75	100	4
		Total for semester – II	200	600	800	32

SEMESTER – III

Part	Course Code	Name of the course	Int	Ext	Tot	Cr
Core 16	MGT 531	INNOVATION MANAGEMENT & ENTREPRENEURSHIP	25	75	100	4
Core 17	MGT 532	DATA ANALYTICS	25	75	100	4
Core 18	MGT 533	INFORMATION SYSTEMS AND CYBER SECURITY	25	75	100	4
ELECTIV E 1			25	75	100	3
ELECTIV E 2			25	75	100	3

ELECTIV E 3			25	75	100	3
ELECTIV E 4			25	75	100	3
ELECTIV E 5			25	75	100	3
Core 19	MGT 534	INTERNSHIP/MINI PROJECT	50	50	100	2
		Total for semester – III	250	650	900	29

SEMESTER - IV

Part	Course Code	Name of the course	Int	Ext	Tot	Cr
Core 20	MGT 541	STRATEGIC MANAGEMENT	25	75	100	4
ELECTIVE 6			25	75	100	3
ELECTIVE 7			25	75	100	3
ELECTIVE 8			25	75	100	3
Core 21	MGT 542	SUMMER PROJECT		150	150	6
Core 22	MGT 543	COMPREHENSIVE VIVA VOCE		50	50	2
		Total for semester –IV	100	500	600	21
		Total for all semesters	675	2225	3000	110
(50% in total for a pass in a course, no internal minimum, 38 marks required for a pass in external examination out of 75) . For internships separate minimum (50%) for Internal and external						

The list of electives offered during the III and IV semesters are as follows

• LAND GOVERNANCE

Course Code	III Semester	CC	IV Semester
MGTLG01	FACETS OF LAND GOVERNANCE	MGTLG08	RURAL AND URBAN SETTLEMENT-

			MANAGEMENT AND PLANNING
MGTLG02	LAND LAWS, LAND REFORMS, LAND ADMINISTRATION SYSTEMS, AND SOCIETY	MGTLG09	TOOLS AND TECHNOLOGIES FOR LAND MONITORING AND MANAGEMENT
MGTLG03	APPROACHES AND MODELS FOR SURVEYING AND SETTLEMENT IN LAND ADMINISTRATION	MGTLG10	CLIMATE CHANGE, VULNERABILITY AND DISASTER MANAGEMENT
MGTLG04	LAND, GENDER AND HUMAN RIGHTS	MGTLG11	LAND EVALUATION AND SUITABILITY ASSESSMENT FOR LAND USE PLANNING
MGTLG05	LAND MARKET AND PRICING	MGTLG12	STANDARD OPERATING PROCEDURES AND STAKEHOLDER INTEGRATION FOR OPTIMAL LAND GOVERNANCE
MGTLG06	LAND AND OTHER NATURAL RESOURCES MANAGEMENT	MGTLG13	LAB COURSE-GEO-INFORMATICS
MGTLG07	INSTITUTIONAL FRAMEWORKS AND POLICIES FOR LAND GOVERNANCE		

10. INTERNAL EVALUATION:

For the Theory Courses, the break-up of marks shall be as follows:

INTERNAL EXAMINATIONS	10 MARKS
SEMINARS	5 MARKS
ASSIGNMENTS	5 MARKS
ATTENDANCE/CLASS PARTICIPATION	5 MARKS
TOTAL	25 MARKS

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A student will be allowed to write the end semester examination only if he/she obtains the minimum attendance stipulated by the University.

11. EXTERNAL EVALUATION:

An external evaluation of 75 marks will be conducted by the University in all four semesters for the courses excepting the MOOC, Project work and Comprehensive viva.

The pattern of examination:

FOR PAPERS OTHER THAN MGT 514, MGT 515, MGT 516, MGT 523, MGT 525, MGT 526, MGT 527 THE FOLLOWING PATTERN TO BE FOLLOWED:

PART A

5 QUESTIONS TO BE ANSWERED. ONE QUESTION EACH FROM EACH UNIT TO BE INCLUDED. (5 x 4 = 20 MARKS)

PART B

5 QUESTIONS EACH FROM EACH UNIT TO BE ASKED. 3 QUESTIONS TO BE ANSWERED (3 x 10=30 MARKS)

PART C

1 CASE STUDY/ RESEARCH ORIENTED QUESTION (25 MARKS)

IN THE CASE OF MGT 514, MGT 515, MGT 516, MGT 523, MGT 525, MGT 526, MGT 527 SUBJECTS:

PART A

5 QUESTIONS TO BE ANSWERED. ONE QUESTION EACH FROM EACH UNIT TO BE INCLUDED. (5 x 5 = 25 MARKS)

PART B

5 QUESTIONS TO BE ANSWERED WITH INTERNAL CHOICE. ONE QUESTION EACH FROM EACH UNIT TO BE ASKED. (5 x 10=50 MARKS)
MINIMUM OF THREE PROBLEMS TO BE GIVEN IN PART B

Requirement for a Pass

50% in total for a pass in a course, no internal minimum (Other than for Internships), 38 marks required for a pass in external examination out of 75. For Internships, Separate minimum of 50% required for both internal and external evaluation /viva voce.

12. MOOC:

According to the guidelines of UGC, the students are encouraged to avail this option of enriching by enrolling themselves in the MOOC provided by various portals such as SWAYAM, NPTEL, etc. As per University Grants Commission (UGC) notification

published in the gazette of India about UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016 on 19th July 2016, The Massive Open Online Course (MOOC) through SWAYAM platform is compulsory. A student has to compulsorily undertake 2 MOOC Courses, One in each year, through the Swayam/NPTEL platform and successfully clear the papers for the course thus selected and it should be in the area related to their specialization but with focus on employability. The institute shall recommend courses in the first year and the student shall be given opportunity to select a course in the second year, with the advice of his mentor or faculty. The students must compulsorily submit the certificates of MOOC courses that they have opted during the comprehensive viva-voce examination at the end of the fourth semester. If a student fails to undertake the courses or has successfully done only one course, they will not be permitted to appear for the Comprehensive Viva Voce Examination. The University will constitute a Board of Examiners for conducting the comprehensive viva-voce. Students securing less than 25 marks in the comprehensive viva-voce out of 50 & those who don't have the certificates of MOOC Courses will have to repeat the same during the next year. Such students will be given a total of three chances to clear the same. The details can be had from <http://ugcmoocs.inflibnet.ac.in/ugcmoocs/>.

Note

It's the student's responsibility to ensure that they register for the MOOC Course, they complete the MOOC course, they appear and pass the exams for the course they have enrolled and handover the certificate to the institute. The institute shall give charge of MOOC Courses to a faculty and ensure that students are joining for courses.

- **PROJECT WORK:** Details are given along with the syllabus in Annexure
- **TRANSITORY REGULATIONS:**

Wherever there has been a change of syllabi, examinations based on the existing syllabus will be conducted for two consecutive years after implementation of the new syllabus in order to enable the students to clear the arrears. Beyond that, the students will have to take up their examinations in equivalent subjects, as per the new syllabus, on the recommendation of the Chairman, BOS in Business Management (PG) endorsed by the Dean, Faculty of Management studies concerned.

- Any other regulations not found in this, the University's broad regulations will come into force.

- Notwithstanding anything contained in the above pages as Rules and Regulations governing the Two Year Master's Programme, the Syndicate is vested with the powers to revise them from time to time on the recommendations of the Academic Council.

University of Kerala

Master of Business Administration Syllabus

Semester 1:

I SEMESTER:

MGT 511 PRINCIPLES & PRACTICES OF MANAGEMENT

MGT 512 ORGANISATIONAL BEHAVIOUR

MGT 513 DOMESTIC BUSINESS ENVIRONMENT AND VALUE BASED MANAGEMENT

MGT 514 ACCOUNTING FOR MANAGERS

MGT 515 MANAGERIAL ECONOMICS

MGT 516 QUANTITATIVE TECHNIQUES.

MGT 517 ENVIRONMENTAL MANAGEMENT

MGT 511: PRINCIPLES & PRACTICES OF MANAGEMENT

Semester : I
Course Code : MGT 511
Credit : 4
Course : PRINCIPLES & PRACTICES OF MANAGEMENT
Aim :

- To provide an insight into the principles of management and the practical aspects that is connected to the same.
- To provide an outline of concepts,
- To provide an understanding of modern organizations in terms of the management of people,

Course Objective : To understand (a) How do organizations function and why? (b) What sort of problems do they face, (c) why, and how do they cope with them? (d) How do they influence individual behavior and vice versa?

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

a) Knowledge-

By the end of this course, students should be better able to

- Understand what management is and why it is important
- Understand the changes in theories about how managers should behave to motivate and control employees
- Understand the nature of managerial decision making
- Identify the main steps of the planning process and explain the relationship between planning and strategy
- Describe the types of organizational structures managers can design, and explain why they choose one structure over another
- Explain what leadership is and what makes for an effective leader

Skills-

Critical Thinking Skills - to include creative thinking, innovation, inquiry and analysis, evaluation and syntheses of information

Communication Skills – to include effective development, interpretation, and expression of ideas through written, oral, and visual communication

Teamwork – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Decision Making Skills – Collection, evaluation, and syntheses of information

Outline Syllabus:

UNIT I

Management concepts – Definition, Manager – Management – Management as a fundamental Process, Management process in detail, The input – Process – Output approach, Qualities of Good Managers, Roles of Managers, The **Evolution of Management Thought** - “Early **Management Thought**,” “The Scientific **Management** Era,” “The Social Person Era,” and “The Modern Era.” “Early **Management Thought**”.

UNIT II

Contributions of F.W. Taylor - Henry Fayol - Behavioral School of Management Approach - Styles of management - European - American - Japanese – Indian. Taylor - Management Philosophy - “Scientific Management”, Fayol - General theory of administration.

UNIT III

Basic functions in Management – PODSCORB – Henry Fayol’s Study – Management Functions - POLC - Planning , Organising, Leading & Controlling . Planning – Definition –

Types of Planning on the basis of Nature, Time and Use Nature - Operational Planning, Strategic Planning, Contingency Planning / Time - Long Term , Intermediate, Short Term Plans / Use - Single Plan, Standing Plan, Planning Process – Analysis of the Environment – SWOT Matrix as a planning tool, Organizing – Definition, Importance of organizing, Organisational Structure – Purpose, Types .

UNIT IV

Leading –Managing, Motivating & Directing People, Control – Definition, Purpose, Types - feed forward **controls**, concurrent **controls** and feedback **controls**, Motivation – Definition, Frameworks of Motivation, Types, Theories of motivation Content & Process Theories, Leadership – Definition, Theories and Models of leadership, Types of Leadership, Qualities of a good leader, leaders role in team development.

UNIT V

Decision Making – Definition - Factors affecting decision making process, organizational culture -Hofstede’s Cultural Dimensions Theory- Managers Challenges in the 21st century , The Changing role with the advent of technology.

References

1. Koontz , H. and Weihrich,H. (2015). Essentials of Management 10th Edition, New Delhi, McGraw-Hill Companies.
2. Chandrasekar KS, AM Sumi, Ashadevi J and M Al Ameen (2019), History of Management Thought, Vijaynicole imprints.
3. Srinivasan, R. and Chunawalla,S.A. (2014). Principles of Management, Mumbai, Himalaya Publishing
4. Chandan, J.S. (2016). Principles of Management, New Delhi, Vikas Publications.
5. Stoner, J.A., Freeman, R.E. and Gilbert, D.R. (2018) .Management 6th Edition. New York, Pearson Education.
6. Drucker,P.F. (2001). Management challenges for the 21st Century, New York, Harper Collins.
7. www.swayam.gov.in

Additional Reading:

- Vikalpa , Journal of the Indian Institute of Management

- Harvard Business Review
- Economic & Political Weekly
- The Effective Executive, Peter Drucker (Harper Business, 2006)
- Good to Great: Why Some Companies Make the Leap and Others Don't by James C. Collins (Harper Collins, 2001)
- Competing for The Future by Gary Hamel, C. K. Prahalad (Harvard Business School Press, 1994)
- 7 Habits of Highly Effective People: Powerful Lessons In Personal Change by Stephen R. Covey (Simon and Shuster, 1990)

MGT 512: ORGANISATIONAL BEHAVIOUR

Semester : I
Course Code : MGT 512
Credit : 4
Course : ORGANISATIONAL BEHAVIOUR

Aim :

- To Understand organizations - show how a multiplicity of perspectives can be used to make managerial action effective
- Suggest concepts, frameworks, and models for understanding organizational phenomena at the level of the individual, the group, and the organization.
- facilitate participants in reflective thinking which, while it guides you towards specific actions with respect to organizational problems, also stimulates a critical dissection of organizational reality
- stimulate reflective action, and participants will be encouraged to explore ways as to how this can be achieved in organizational contexts
- develop an understanding of the impact of people management on organizational performance
- Stimulate critical reflection on organizational psychology.

Course Objective : To throw light on the individual behavior, group behavior and the organizational wide behavior and how managers consider behavior as an important tool in making decisions.

Teaching Strategy :Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	No	√	√	√	√	√

Course Outcomes:

a) Knowledge-

- To understand a range of the theoretical understandings available in OB
- To be able to critically engage with both theoretical and practical constructions of issues and questions in OB
- To be able to reflect on individual and group behaviour in a theoretically informed way

b) Skills-

- Interactive: be aware of the potential impacts of various forms of interaction
- Social Participation: assess how to go about intervening in an organizational situation
- Reflective: make psychology judgements about the management of others
- Decision Making: make decisions about the appropriate use of HRM techniques
- Evaluative: recruitment and selection and performance management of employees

Outline Syllabus:

UNIT I

Introduction to OB : Definition of OB- levels of analysis-contributing disciplines to the understanding of OB,, OB - Contemporary application & challenges of OB, The Hawthorne Experiments & its Importance, Models of OB - Developing a comprehensive and Holistic Model of OB, Frameworks in OB – Behavioristic, Social Learning and Cognitive frameworks, Behavioural indices-efficiency and effectiveness.

UNIT II

Basics in OB - Perception: definition-factors affecting perception- perception process: simple & complex- selective perception-social perception-impression formation and management. **Values:** Definition- types of values- Bruce Maglino's workplace values- Emotions – Types – Universal Emotions, Emotional Intelligence, **Personality:** Definition-theories- personality tests and measurement - personality typology- application in organization, **Anxiety** and its Management strategies.

UNIT III

Basics in OB – Learning. Definition-Learning Curves and theories- Behaviour modification and its organizational application- , **Motivation** - Definition , Motivational Framework- Theories of motivation: Content theories – process theories – Applications, **Stress** – Definition, Types and Models of Stress, Stress Mitigation Methods

UNIT IV

Interpersonal dynamics - Developing interpersonal awareness- Johari Window Transactional analysis – Types of Transactions, Games and Script Analysis, Empathy and Assertiveness, **Groups** – Definition and classification of groups , Groups Vs Teams, Group Decision making. Roles, norms, and status- Group decision making-Teams- Developing high performance teams. **Leadership** - Definition - Leaders vs. Managers, Types of Leaders, Leadership theories and models, **Power and Politics.** Definition- Bases of power power tactics and strategies – political implications of power-, Power Vs Authority, **Conflict & Its Management** - Different views of conflict - conflict process - Levels of conflict , Conflict resolution strategies.

UNIT V

Culture & Change Management (9 Hours)- Organizational Culture – Definition, Types of Culture , Organizational Change and Development – Change - Definition , Models of Change, Resistance to change – How to overcome resistance.

References

1. Robbins, S.P. (2019) . Essentials of Organisational Behaviour. New Delhi, Pearson education
2. Luthans, F. (1998). Organisational Behaviour. Boston, Mc Graw Hill
3. Manojkrishnan CG, Chandrasekar K.S, Ramanakumar KPV “Stress & Stress Management in the I.T Industry , Vijay Nicole Imprints Pvt Ltd, (2016)
4. Parikh, M. and Gupta, R. (2017). Organisational Behaviour. New Delhi, Mc Graw Hill.
5. Umasekaran (2004). Organisational Behaviour, New Delhi, Tata Mc Graw Hill

Additional Reading

- www.swayam.gov.in (NPTEL Courses)
- Margie Parikh and Rajen Gupta, “Organisational Behaviour”, McGraw Hill.
- Muchinsky, PM. & Culbertson, SS. Psychology Applied To Work, Summerfield.

MGT 513: DOMESTIC BUSINESS ENVIRONMENT AND VALUE BASED MANAGEMENT

Semester : I

Course Code : MGT 513

Credit : 4

Course : DOMESTIC BUSINESS ENVIRONMENT AND VALUE BASED MANAGEMENT

Aim :

- Understand Economic Environment in which Businesses function
- Understand Social Environment in which Businesses function
- Understand Cultural influences in which Businesses function

Course Objective: to get an exposure on the domestic business environment and recent trend.

Teaching Strategy: Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L) Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2 100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:

a) Knowledge-

- to understand need and importance of various social economic and cultural environmental aspects in India.

b) Skills-

- Planning: To prepare an environment friendly strategy as an ingredient of business strategy
- Information: to evaluate the effectiveness of flow of information with a given macro- system

Outline Syllabus:

UNIT I

Understanding Domestic Business Environment - Concept- Significance-environmental factors- Relationship between business and environment – Inclusive growth - Rural development -The implications of economic environment to business

UNIT II

Economic Environment- Fiscal Management – Budget and Economic Survey - Direct Taxes vs Indirect Taxes - Goods and Services Tax (GST) Concepts and Features –Customs duty- – Monetary Policy and Tools- Sectors of economy and their relative changing importance - Post Liberalization Developments

UNIT III

Social and Cultural Environment in which managers function- Indian social structure- Sociological systems that have a bearing on Management - Customs-and Culture- transitions – demographic changes and Demographic Dividend - Savings and consumption habits- Business implications- Technological Environment - R & D in India- implications to business – National Knowledge Commission – Concept of BPO, KPO and LPO – NITI AYOOG- – Capital market: SEBI, FII, investments, NBFCs- Mutual Funds- Insurance .

UNIT IV

Ethics: Principles and characteristics of ethics - the concept of business ethics - factors affecting business ethics -importance of business ethics - advantages of business ethics,
Ethical Philosophies and theories an overview ,Ethics and Values - Values – importance - sources of value systems – types of values - loyalty and ethical behavior - values across cultures – ethics -- Features and best practices in ethics programme - creating a control system - compliance orientation Vs value orientation - code of ethics Vs code of conduct - ethics training

and communication - ethics committee - functions of ethics committee - integrity , Ethics Programme - Ethics audit - ethical dilemma - understanding and resolving an ethical dilemma, Case Study.

UNIT V

Ethical decision making – process - ethical leadership and its importance - whistle blowing – definition – types - ethical dilemma in whistle blowing - Ethics in Indian Business Context across functional areas – Corporate Social Responsibility- Case studies.

Role of Business in Society - Value Based Management- Creative Accounting- Shared Values- Corporate Governance Norms in India-Public Policy Markets and Shared Value

References

1. Cherunilam ,F. (2018). Business Environment – Text and Cases, Mumbai, Himalaya Publishing house.
2. Saleem, S. (2010). Business Environment (2nd Ed). New Delhi, Pearson India.
3. Mittal, V. (2011). Business Environment. New Delhi, Excel Books
4. Senthil, K. and Senthil, R. (2006). Business Ethics and Values, Mumbai, Himalaya Publishing House.
5. Marianne, J.M. (2008). Cases in Business Ethics. New Delhi, Cengage Learning India Pvt Ltd.
6. www.swayam.gov.in

Additional Reading

<https://www.sebi.gov.in/>

Porter, R, (2013) '*Creating shared Value as Business Strategy*'

<file:///C:/Users/Dell/Desktop/CreatingShared%20Value.pdf> Meyer,

H (2018) '*Creating Shared Value*' Cambridge University

<file:///C:/Users/Dell/Desktop/specialreport-creatingsharedvalue.pdf>

MGT 514: ACCOUNTING FOR MANAGERS

Semester : I
Course Code : MGT 514
Credit : 4
Course : ACCOUNTING FOR MANAGERS

Aim :

- To introduce the student, the basics of accounting, management accounting, financial reporting etc.
- The development of the ability to understand the nature of the information presented by accountants, particularly in balance sheets, profit and loss accounts and cash flow statements.
- To know the strengths and weaknesses of accounting information as a basis for decision taking.
- To comprehend the financial performance measures used to assess the extent to which an organization reaches its objectives.

Course Objectives: To enable the students to independently read and analyze financial statement of an organization.

Teaching Strategy: Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	No	√	√	√	√

Course Outcomes:**a) Knowledge-**

- the terminology used in financial and management accounting;
- the methods used by accountants in the preparation of financial statements and reports;
- the methods used to measure an organisation's financial performance the terminology used in financial and management accounting;
- the methods used by accountants in the preparation of financial statements and reports;
- the techniques used in making financial decisions; and the methods used to measure an organisation's financial performance

- b) Skills-**
- interpretative: the information disclosed in accounting reports, including the reports that are published by public companies in their Annual Report; the risk- return trade off
 - Informative: use accounting information to assess the profitability, liquidity and capital structure of firms;
 - Analytical: determine the stock market ratios that are used to judge the performance of companies that are quoted on a stock exchange;
 - Planning: relevant costs that should be used in making financial decisions;
 - Utilize a spreadsheet for financial calculations and analysis.

Outline Syllabus:**UNIT I**

Accounting – Branches of accounting – Financial Accounting – Importance and Functions – Book Keeping – Systems of Book Keeping- Double Entry Book Keeping - Journal – Ledger – Cash Book – Bank Reconciliation Statement- Trial Balance- Generally Accepted Accounting Principles (GAAP)- Accounting concepts and conventions.

UNIT II

Capital and Revenue – Depreciation – Methods of charging depreciation – Final Accounts- Trading and Profit and Loss Account- Balance sheet.

UNIT III

Management Accounting- Meaning, Definition, Nature, Objectives, Scope, Importance. Distinction between financial, cost and management accounting systems. Financial statement analysis – tools – comparative financial statements, common-size financial statements, trend analysis, Ratio Analysis – Du Pont analysis.

UNIT IV

Funds Flow Analysis – Schedule of Changes in Working Capital – Funds Flow Statement
Cash Flow Analysis – Cash Flow Statement.

UNIT V

Human Resource Accounting, Forensic Accounting, Sustainability Reporting, Responsibility Accounting – International Accounting Standards – IFRS.

References

1. Shukla, M.C.(1995).Advanced Accountancy, New Delhi, S. Chand & Co.
2. Jain, S.P. &Narang K.L (1998). Advanced Accountancy, Luknow, Kalyani Publishers.
3. Maheswari, S.N &Maheswari ,S.K. (2018). Financial Accounting (6th ed).New Delhi, Vikas Publications.
4. Gupta, R.L & Gupta, V.K. (2014). Financial Accounting. New Delhi, Sultan Chand & Sons.
5. www.swayam.gov.in

Additional Reading

Jain and Narang, Financial Accounting and Analysis, Kalyani Publishers.

Khan and Jain, Accounting for Management TMH, 2001.

Walter B.Megis, Charles E.Johnson and Robert F.Megis, Accounting the basis for Business Decisions, Tata McGrawHill, 1999.

MGT 515: MANAGERIAL ECONOMICS

Semester : I

Course Code : MGT 515

Credit : 4

Course : MANAGERIAL ECONOMICS

Aim :

- To introduce the concept of economics to potential managers
- To introduce the key economic concepts, principles and policy instruments in the context of the business environment.
- To enable the students to become effective business managers by attaining an understanding of the micro environments of business.
- To develop economic understanding of the debates related to macro-economic growth and sustainable economic development.

Course Objective : To make potential managers understand the influence of economics in management decision making.

Teaching Strategy: Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

- a) Knowledge*-Knowledge outcomes include familiarity with, and the ability to interpret, significant information, major issues and contemporary events in economics.
- b) Cognitive Skills*-Cognitive skills include an understanding of, and ability to apply, concepts, principles and theories in the analysis of issues and to solve uncomplicated problems. Cognitive skills are evidenced by familiarity with the major techniques of enquiry, and the ability to gather, analyses and report on qualitative and quantitative data.

Outline Syllabus:

UNIT I

Definition of Managerial Economics – Decision making – Fundamental Concepts affecting Business Decisions – The Incremental Concepts, Marginal Concepts-, Equi-marginal Concept – The Time Perspective, Discounting principle, Opportunity Cost principle.

UNIT II

Utility analysis and the demand curve – Equilibrium of the consumer, indifference curve Analysis, price effect, income effect and substitution effect – Elasticity of Demand – Demand Forecasting.

UNIT III

The production function – Production with one variable input – Law of variable proportions – Production with two variable inputs – Production Isoquant – Iso cost lines estimating production Functions – cost concepts and Break-Even Analysis.

UNIT IV

Market Structure – Perfect and Imperfect competition – Monopoly, Duopoly, Monopolistic Competition and Oligopoly Models. Introduction to Game Theory – Pricing Methods

UNIT V

Indian Economy Salient Features: National Income – Concepts – Gross Domestic Product, Gross National Product, Net National Product –Business Cycles and Contra cyclical Policies - Factors influencing International Trade and Global Business Environment - Balance of Payments – Disequilibrium, methods to correct disequilibrium- Banking and Financial Institutions In India: An Introduction

References:

1. Stiglitz, J.E. and Walsh .C.E. (2006) Principles of Micro Economics. London, WW Norton.
2. Stiglitz, J.E. and Walsh .C.E. (2006) Principles of Macro Economics. London, WW Norton
3. Mankiv, G. (2019). Principles of Economics, Boston, Cengage Learning
4. Hirschey, M. (2008). Fundamentals of Managerial Economics, 8th Ed., Cincinnati, South-western College Publications.
5. Gupta, G.S. (2018). Managerial Economics, New Delhi, Tata McGraw Hill
6. Ricky W. G and Mike W. P. (2018). International Business, 7th Edition, New York, Pearson.
7. Kapila, U. (2019). Indian Economy Performance And Policies 20th Edition Paperback, Gurgaon, Academic Foundation
8. www.swayam.gov.in

Additional Reading <http://commerce.gov.in>

Business Line

Economic Times Business

Standard www.rbi.org.in

www.imf.org.in

<https://in.reuters.com/>

MGT 516: QUANTITATIVE TECHNIQUES

Semester : I
Course Code : MGT 516
Credit : 4
Course : QUANTITATIVE TECHNIQUES

Aim :

- To provide an insight into the basic statistics, probability, estimations and correlations for managerial decision making
- To lay the foundations for the skills of analysis and the use of mathematical and statistical techniques to enable student to solve problems.
- To challenge trying to solve problems.
- To enable the students to comprehend quantitative methods for business.

Course Objective: to engender a sound “numerical common sense”; namely the skill to correctly interpret information presented in numerical form which is largely demanded by the modern business world.

Teaching Strategy: Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
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✓	✓	✓	✓	No	✓	No	✓	✓
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Course Outcomes:

a) Knowledge-

- have a critical understanding of alternative means of presenting data
- understand the nature and use of commonly used summary statistics
- understand the use of simple statistical distributions to support decision making
- be aware of issues in the design and execution of data collection processes
- be able to assess the quality of information provided by a sample
- understand the concepts of simple regression analysis and its use for estimation

b) Skills:

- Computer: use a spreadsheet to manipulate and study a data set and to design an appropriate presentation of key issues
- Numerical: design (and critically appraise designs for) a process for collecting data to inform decision making
- Analytical: use a spreadsheet to determine summary statistical measures and to conduct a simple regression analysis
- Investigative: Summarising data, drawing inferences
- Problem Solving: to derive, formulate and apply solutions for specific problems. Be able to integrate different concepts to solve complex mathematical problems

Outline Syllabus:

UNIT I

Basic Statistics: Basic Concepts of Statistics, Charts and Diagrams, Measures of Central Tendency and Dispersion, Sampling Methods - Probability and Non-Probability Sampling, Sampling and Non-Sampling Error.

UNIT II

Probability: Random Variable, Basic Concepts, Random Variable, Theorems: Addition, Multiplication, Conditional Probability, Baye's Theorem, Business Applications of Probability

UNIT III

Probability Distributions: Normal, Binomial, Poisson, Exponential Distributions

UNIT IV

Statistical Estimation: Basic Concepts, Point and Interval Estimation, Sampling Distribution, Standard Error, Testing of Hypothesis, t-test, z-test, Chi Square test, f-test, ANNOVA, MANOVA.

UNIT V

Correlation and Regression: Simple, Partial and Multiple Correlation, Regression, Business Applications, Time Series Analysis, Software Packages SPSS, AMOS.

References

1. Levin R.L. and Rubin, D.S. (2010). Statistics for Management, New York, Pearson Education (7th Ed.),
2. Tulsian, P.C. and Pandey, V. (2004). Quantitative Techniques. New Delhi, Pearson Education.
3. Vora, N. D. (2006). Quantitative Techniques in Management. New Delhi, Tata Mc. Graw Hill Education.
4. Beri, G. C. (2005). Business Statistics. New Delhi, Tata Mc. Graw Hill Education.
5. Gupta, S.P. (2010). Statistical Methods. New Delhi, Sultan Chand & Sons.
6. Kothari, C.R. (2004). Research Methodology (2nd Ed.), New Delhi, New Age International (P) Ltd
7. Jasrai, L. (2020). Data analysis using SPSS, New Delhi, Sage books.
8. www.swayam.gov.in

MGT 517: ENVIRONMENTAL MANAGEMENT

Semester : I

Course Code : MGT 517

Credit : 4

Course : ENVIRONMENTAL MANAGEMENT

Aim :

- Business Planning for the Green Economy
- Strategic Environmental Management
- Sustainability as a managerial function.
- Promoting Eco-preneurship
- Strategies for risk assessment and environmental management
- To provide an understanding of issues in Environmental Management To
- provide tools in environmental management
- to study and propose appropriate solutions to environmental degradation issues

Course Objective: To familiarize the student with the need and importance for environmental management, environmental policies and procedures of environmental auditing and impact assessment from a management angle.

Teaching Strategy: Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
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√	√	√	√	√	√	√	√	√
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Course Outcomes:

a) Knowledge- • to understand need and importance of various environmental laws implemented in India.

- to understand Environmental management systems, its significance and certification procedure.
- knowledge on steps, procedures and methodologies of Environmental Impact Assessment.

b) Skills-

- Planning: To prepare an environment friendly strategy as an ingredient of business strategy
- Compliance: To comply with regulations and goals.
- Information: to evaluate the effectiveness of flow of information with a given system

Outline Syllabus:

UNIT I

Concept of Sustainable Development: 2030 Agenda for Sustainable Development- Millennium Development Goals- Environmental Management: Introduction, definition, and scope. Need for EM. Ethics and Environment, Environmental policies and programmes in India.

UNIT II

Environment Impact on Business: Social, Economic, Political, Cultural, Legal and constitutional sub-systems of environment and their impact on Business., Environmental Regulations –Importance of Environment Protection Act, Air Act, Water Act, Wildlife Protection act and Forest conservation act. Learning Outcome:

UNIT III

Environmental Impact Assessment (EIA): Introduction, purpose and evolution of EIA, steps involved in EIA process. -Environmental clearance procedure. EIA methodologies in brief.

Impact prediction, evaluation, and mitigation.

UNIT IV

Environmental Auditing (EA): Introduction, objectives, and scope. Types of Environmental audits. Basic structure of EA. General steps in EA. Role of EA in industrial projects. Life Cycle Assessment (LCA) and its purpose. Procedure for LCA.

UNIT V

Different applications of LCA. Environmental Management Systems (EMS): Significance and core elements of EMS. EMS standards – ISO 14000 – principles and structure, ISO 14001 and OHSAS 18001 certification procedure.

References:

1. Singh K and Shishodia A (2007) Environmental Economics- Theory and Applications Sage Text
2. Cherunilam ,F. (2018). Business Environment – Text and Cases, Mumbai, Himalaya Publishing house.
3. Kulkarni V and Ramachandra T V,(2009). Environmental Management, TERI Press, New Delhi
4. www.swayam.gov.in

Additional Reading

NPTEL material on Environmental Management – <https://nptel.ac.in/courses/120108004/>
<https://sustainabledevelopment.un.org/?menu=1300> <https://www.un.org/millenniumgoals/>
<https://www.un.org/millenniumgoals/news.shtml> <https://niti.gov.in/verticals/sustainable-dev-goals> <http://www.mospi.gov.in/sustainable-development-goalssdgs>

University of Kerala

Master of Business Administration Syllabus

Semester 2:

II SEMESTER:

MGT 521 EXECUTIVE BUSINESS COMMUNICATION

MGT 522 MARKETING MANAGEMENT

MGT 523 OPERATIONS RESEARCH

MGT 524 BUSINESS LAW

MGT 525 PRODUCTION AND OPERATIONS MANAGEMENT

MGT 526 RESEARCH METHODOLOGY

MGT 527 FINANCIAL MANAGEMENT

MGT 528 HUMAN RESOURCES MANAGEMENT

MGT 521: EXECUTIVE BUSINESS COMMUNICATION

Semester : II
Course Code : MGT 521
Credit : 4
Course : EXECUTIVE BUSINESS COMMUNICATION
Aim :

- To provide an understanding on the various dimensions of business communication
- To foster the soft skills for effective management
- To develop reading, presentation, listening, writing skills
- To apply techniques for conveying messages to audience, master various types of graphic aids

Course Objective: To develop competencies include the ability to communicate effectively, orally and in writing, both for personal communication and for writing formal reports.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

a) Knowledge-

- Cross cultural
- Ethical Values
- Report Writing
- Conducting Meetings.

b) Skills-

- Planning: To prepare for promoting business strategy
- Communication
- Reading, Writing, Reporting,
- Listening
- Presentation
- Team
- Interactive
- Negotiation

Outline Syllabus:

UNIT I

Principles of Business Communication-Types of Business Communication-Methods and Media of Communication- Process& Models of Business Communication - Barriers to Organizational Communication- Overcoming barriers and Strategies for improving Business Communication ,Types of Organizational Communication- Communication for interpersonal influences .

UNIT II

Effective Leadership Communication - Cross Culture Communication -Negotiation with superiors, peers, other colleagues- Collective Bargaining and Negotiating with Collective Organizational Representatives, Verbal and Nonverbal Communication in business -Public Speaking Skills- Business presentations – Role of audio-visual aids and computers in oral presentations- Interviewing- Types, Art of negotiation- Listening skills - listening process, types of listening, deterrents to listening process, essentials of good listening, Mannerisms -

UNIT III

Written communication- the mechanics of writing, Structures and methods of written communication - Letter for different kinds of situations – Enquiries-Customers' complaints Collection letters - Sales promotion letters.- Memoranda- Directives and instructions- Notices -Reports-Memo - Agenda - Proposals -Minutes -Professional papers - Agreement documents -Press releases - Preparation of resumes.

UNIT IV

Conducting Meetings-Procedure – Preparing agenda, minutes and resolutions-Conducting seminars and conferences- Group Discussion-Drafting Speech-Report writing - Structure of reports - Formal Reports –Technical Reports- Norms for including Exhibits & Appendices.

UNIT V

Business Attire & Professionalism: Dressing sense, selecting the right clothing for a business wardrobe, Business style and professional image, Dress code, Guidelines for appropriate business attire, Grooming for success, Guidelines for appropriate business attire, Multicultural dressing, Body Language at Work - building posture, facial expressions and eye contact, gestures for effective communication. Dining Etiquette: Planning a meal, issuing invitations, How to proceed through a receiving line, seating guidelines, navigating a place setting, appropriate table manners.

References

1. Courtland, B.L.and John V,T. (2005). Business Communication Today. New Jersey, Prentice Hall International.
2. Apai and Rhoda (2014).Principles and Practice of Business Communication, Mumbai, Sheth Publishers.
3. Argenti P.A.Corporate Communication (6th Ed),New York, Irwin McGraw Hill.
4. Krishna Mohan (2018).Developing Communication Skills, New Delhi, MacMillan India
5. The Essentials of Business Etiquette: How to Greet, Eat, and Tweet Your Way to Success,
Barbara Pachter

Additional Reading

Guffey,M.,E. and Loewy, D. (2010). Business Communication, Cincinnati, South-Western Collage publishing.
Reader's Digest - Various Issues

MGT 522: MARKETING MANAGEMENT

Semester : II
Course Code : MGT 522
Credit : 4
Course : MARKETING MANAGEMENT
Aim :

- To develop the different analytical perspectives and management decision tools.
- To equip the students with the concepts of Planning, designing and implementing marketing strategy to achieve the long-term objectives that is critical for any firm in a competitive market situation.

Course Objective: The objective of this course is to equip the students with the concepts and practices of modern marketing and to provide the understanding of different marketing processes for an effective decision making.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	No	√	√	√	√	√

Course Outcomes:

a) Knowledge:

- The students are expected to be familiar with the basic concepts and components of the marketing management and to be knowledgeable in marketing principles
- Develop skills in applying the analytic perspectives, decision tools, and concepts of marketing to decisions involving segmentation, targeting and positioning; product offering; pricing; distribution channels and marketing communications
- The students will be equipped with the concepts and practices of modern marketing and to provide the understanding of different marketing processes for an effective decision making.

b) Skills-

- By the end of the course the students would be able to gain the following skills:
Interactive, Social Participation, Reflective, Decision Making & Evaluative.

Outline Syllabus:

UNIT I

Introduction to Marketing Management: Concept - nature and importance of marketing - evolution of marketing concept - marketing environment - micro environment of marketing and macro environment of marketing – domestic marketing and international marketing - fundamentals of strategic marketing planning - marketing organization - customer lifetime value - marketing organization and control systems - organizing marketing department - marketing control techniques - annual plan control - profitability control - strategic control

UNIT II

Consumer Behaviour: Consumer and business markets - buying roles - steps involved in buying process - factors influencing buying decision - consumer adoption process - changing pattern of consumer behaviour

UNIT III

Marketing Research and Selecting the Target Markets: Marketing Information System and Research - demand estimation and sales forecasting - market segmentation - targeting and positioning – levels and patterns of segmentation - effective segmentation - market targeting - positioning methods and strategies

UNIT IV

Product and Pricing Decisions: Concept of product - product line and product mix -new product development – packaging and labelling - Branding – Concepts of branding, brand types, brand equity, branding strategies- product life cycle stages and strategic marketing decisions - Services marketing - Pricing concepts, factors influencing price decisions - pricing strategies

UNIT V

Promotion and Distribution Decisions: Promotion mix - integrated marketing communication – advertising - sales promotion - personal selling – publicity - public relations - direct marketing - distribution channels - physical distribution systems - channel intermediaries - channel management - wholesaling and retailing - retail marketing - emerging trends in marketing - social marketing – digital marketing - green marketing –Retro marketing- marketing analytics -- Current developments in Marketing, Ethics in Marketing

References

1. Chandrasekar K.S (2019),Marketing Management: Text & Cases, Vijaynicole imprints.
2. Kotler Philip (2016), Marketing Management, Pearson India Education.
3. Saxena, Rajan (2004) Marketing Management, Tata McGraw Hill.
4. Ramaswamy, V.S. and Namakumari S (2018), Marketing Management, Sage.

Additional Reading

1. Stanton, W.J, Michael Etezel and Bruce J.Walker (1997) Fundamentals of Marketing, McGraw Hill
2. Kotler, Keller, Jha & Koshy(2003) Marketing Management - A South Asian Perspective, Pearson

MGT 523: OPERATIONS RESEARCH

Semester : II
Course Code : MGT 523
Credit : 4
Course : OPERATIONS RESEARCH
Aim :

- To understand the meaning, purpose, and tools of Operations Research
- Explain the Applications of Operations Research to Management

Course Objective: Offer insights into the various operations research models and its importance in business decision

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L) Library/ Sem/(T)	Directed(DS) Other:	Formal	Total
Hours:	30 Tut: 5 Pract: 10	Study: 50	05 Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

- a) Knowledge-** • to predict and compare the outcomes of alternative decisions, strategies or controls. the application of scientific methods to improve the effectiveness of operations, decisions, and management.
- create models and propose innovative approaches,
 - To develop scientifically based information that gives an insight into and guides decision making.

b) Skills-

- Planning: To prepare an operations strategy to be an ingredient of business strategy
- Analytical: To be equipped with linear programming, game theory, decision theory, queuing theory, inventory models and simulation

Outline Syllabus:

UNIT I

Introduction to Operations Research: Objectives and Business Applications of Operations Research, Models: Introduction, Linear Programming Problem (LPP) Formulation, Graphical Method, Simplex Method, Dual LPP, Basic Concepts of Sensitivity Analysis.

UNIT II

Transportation Models: Northwest Corner Method (NWC), Least Cost Method (LCM), Vogels Approximation Method, Assignment Model, Hungarian Method, Minimization of Cost.

UNIT III

Network Models: Critical Path Method (CPM), Program Evaluation Review Technique (PERT), Crashing, Resource Smoothing, Resource Leveling.

UNIT IV

Queuing Theory: M/M/1 Queue (System with Single Server), M/M/2 (System with Two Servers), Monte Carlo Simulation, Applications in Queuing and Inventory.

UNIT V

Decision Theory: Decision Making under Risk and uncertainty, Game Theory, Decision Tree, OR, Softwares

References

1. Taha, H.A. (2008). Operations Research,- An Introduction. New Delhi, Pearson Education.
2. Sharma, J.K. (2017) .Operations Research - Theory and Applications, New Delhi, Macmillan.
3. Hiller, F. S. and Jliederman,G. (2017). Introduction to Operations Research, New Delhi, Tata Mc.Graw Hill

Additional Reading

- Swarup,K.G. and, Mamohan ,P.K. (2010).Operations Research - Principles and Practice, (10th Ed.), New Delhi, Sulthan Chand & Sons
- Mital, K.V. and Mohan C. (2004). Optimization Methods in OR System Analysis, New Delhi, New Age (P) Ltd.
- www.swayam.gov.in

MGT 524: BUSINESS LAW

Semester : II
Course Code : MGT 524
Credit : 4

Course : BUSINESS LAW
Aim :

- To enhance knowledge on regulations which are essential for business such as labour laws, sale of goods act, industrial contract act, companies act, negotiable instruments act etc.

Course Objectives: to provide an insight into legal aspects covering the business and its importance in management decision making

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	05	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

a) Knowledge-

- Legal knowledge that enables business
- liability and contracts in the corporate sector.

b) Skills-

1. Analytical skills to explore business environment.
2. Communication skills which help you familiarize with legal terminology
3. collaboration skills between different departments.
4. Teamwork skills: collaborating and contributing to group projects; demonstrating leadership.
5. Problem-solving skills: showing initiative in identifying and solving problems; implementing and monitoring solutions.
6. Self-management skills: taking responsibility; building confidence in your vision; working under pressure; demonstrating resilience.

Outline Syllabus:

UNIT I

The Industrial Contract Act, 1872, Nature and Classification of contracts - Essential elements of a valid contract - Offer and Acceptance - Consideration - Capacity of Parties - Provisions relating to free consent, void agreements - Provisions Relating to Performance and Discharge of Contracts - Quasi contracts - Breach of Contract and its remedies, Legality of Object and Consideration.

UNIT II

Sale of Goods Act, 1930- Contract of sale of goods-Meaning essentials of a contract for sale - Formalities of a Contract of sale - Provisions relating to Conditions and Warranties - Provisions Relating to Transfer of Property or Ownership - Provisions Relating to performance of contract of sale - Rights of unpaid Seller -Classification of Goods, Transfer

of Property in Goods, Rules as to delivery of Goods, Buyers right against seller and Auction Sale

UNIT III

The Negotiable Instruments Act, 1881, Negotiable Instruments, Meaning, characteristics, types, parties - holder and holder in due course - Negotiation and types of endorsements, Dishonor of negotiable instruments - noting and protest - liability of Parties on negotiable instrument, Indian Partnership Act, 1932 - Important features - Formation of partnership firms, Kinds of partners - Rights and duties of partners - Dissolution of partnership

UNIT IV

The Companies Act, 1956 - Company definition, meaning, features and types of Companies. Incorporation of a Company - Memorandum of Association, Articles of Association and Prospectus - Share Capital - Management and Meetings - Winding up of companies, Law of Agents, Rights and Duties of Agents, Kinds of Agent, Creation and Termination of Agency, Sub Agents and Substituted Agents

UNIT V

Labour Laws: Major Provisions of Industrial Disputes Act 1947, Factories Act, 1948, The Trade Union Act, 1926, The minimum Wages Act, 1948, Workmen's Compensation Act, 1923, The Maternity Benefit Act 1961, Payment of Bonus Act 1965, Payment of Wages Act 1936, Employees Provident Funds and Miscellaneous Provisions Act, 1952.

References

1. Dagar, I. and Agnihotri, A (2020). Business Law Text and Problems, New Delhi, Sage Publications
2. Kapoor, N.D. (2014). Elements of Mercantile Law (34TH Ed.), New Delhi, S.Chand & Sons.
3. Malik, P.L. (2018). A handbook of Labour and Industrial Law, Bengaluru, Eastern Book Company
4. Law for Business 19th edition, Ashcroft, Ashcroft, and Patterson, Cengage Learning, 2017, ISBN: 9781305654921.

Additional Reading

- S.N.Maheshwari & Maheshwari, Business Regulatory Framework, Himalaya Publishing House.2006
- S.S.Gulshan, Business Law, 2/e, Excel Books,
- 2005 Relevant BARE Acts.
- www.swayam.gov.in

MGT 525: PRODUCTION AND OPERATIONS MANAGEMENT

Semester : II
Course Code : MGT 525
Credit : 4
Course : PRODUCTION AND OPERATIONS MANAGEMENT
Aim :

- To introduce the operations function, in service and manufacturing organizations
- To address key aspects of design,
- To plan and control operations
- To understand operations in a global context.

Course Objectives: critically analyze an organization's approaches to the design of its products, services, and processes.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	30	Tut: 10	Pract: 5	Study: 50	5	Exams: 2	100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	No	√	√

Course Outcomes:

- a) Knowledge-** the choices and trade-offs inherent in developing an
- operations strategy.
 - the nature of operations as an integrative function and the significance of information and change management.
 - issues of integration of the operations with other management functions.
 - the different approaches which may be taken in the design of products, services and processes.
 - the appropriate techniques to employ when planning operational capacity at different levels.
 - the strengths and weakness of a range of operational performance measures.
- b) Skills-**
- Planning: prepare an operations strategy which complements an organisation's business strategy
 - Learning: appreciate capacity management issues and the identification of system constraints.
 - Interpretative: make appropriate measures of an organisation's operational performance.
 - Professional: develop quality plans and implement appropriate means of quality control.

Outline Syllabus:

UNIT I

Production as an organization function - Importance of Production Function - Scope of Production and Operations Management, Types of Production Systems, Strategic Operations Management, Operations Strategies, Elements of Operations Strategy, 5 Ps of Operations.

UNIT II

Plant location & Layout, Nature - Location Theories, Steps in Location, Location Models, Plant Layout, Factors influencing lay out, Principles of lay out, Lay out Tools and Techniques, Materials Handling, Material Handling Principles, Types, Selection and Design of Handling System.

UNIT III

Materials Management, Vendor rating, Inventory Models, EOQ, Reorder point, EOQ with Discounts, MRP-I, MRP-II, Selective Inventory Control (SIC), Just In Time (JIT), Basics of Kanban, VMI and ERP, Work Study, Work Measurement. Quality Management, Statistical Quality Control (SQC), Total Quality Management (TQM), Kaizen, Six sigma, ISO Systems, SCM Basic Concepts.

UNIT IV

Production /Operations Planning & Control, Role of production planning & control in Operations Management, Factors determining production planning, Aggregate Planning, Master Production Schedule, Scheduling, Loading, Routing, Product Planning for Various Production Systems, Line Balancing and sequencing, EBQ, Capacity Planning, Basics of Maintenance management, Maintenance Decisions, overview of FMS and Robotics.

UNIT V

Logistics: Definition, History and Evolution- Objectives, Logistics Management: Definition and Evolution -Achievement of competitive advantage through logistics Framework-Role of Logistics management-Integrated Logistics Management - Model – Flow of process activities (in brief), Third party logistics provider-Fourth party Logistics providers (4 pl)- Stages-Role of logistics providers, Strategic role of Logistics Management

References

1. Starr. M. K. (1972). Production Management - Systems and Synthesis, New York, Prentice Hall
2. Pannerselvam, R. (2012). Production and Operations Management, New Delhi, Prentice Hall of India
3. Buffa, E.S. and Sarin, R.K. (2007). Modern Production/Operations Management, New Delhi, Wiley India
4. Gaither, N. (2002). Production and Operations Management. Cincinnati, South Western College Publications.

5. Bedi, K. (2016). Production and Operations Management. New Delhi, Oxford University Press.
6. David J. Bloomberg, Stephen LeMay & : Logistics, Prentice-Hall of India Pvt Joe B. Hanna Ltd., New Delhi, 2003
7. Satish C. Ailawadi & Rakesh Singh : Logistics Management, Prentice-Hall of India Pvt Ltd., New Delhi, 2005
8. Logistics Management, Ismail Reji, Excel Book, First Edition, 2008

Additional Reading

- Mikell P. Groover, Automation, Production Systems, and Computer-Integrated Manufacturing, Pearson, 2007.
- Amitabh Raturi, Production and Inventory Management, South Western College, 2008.
- Adam Jr. Ebert, Production and Operations Management, PHI Publication, 1992.
- Operations Management by William J. Stevenson. Eighth Edition, Irwin / McGraw Hill, 2005.
- Fundamentals of Logistics Management, David Grant, Douglas M. Lambert, James R. Stock, Lisa M. Ellram, McGraw Hill Higher Education, 1997.
- www.swayam.gov.in

MGT 526: RESEARCH METHODOLOGY

Semester : II
Course Code : MGT 526
Credit : 4
Course : RESEARCH METHODOLOGY

Aim :

- To make managers think like researchers
- To enable students to undertake research
- To understand the research process
- To enable the research reporting.

Course Objectives: to teach the method of conducting high quality research from social as well as business perspective.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L) Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	30	Tut: 10	Pract: 5	Study: 50	5	Exams: 2 100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	No	√

Course Outcomes:

a) Knowledge-

- Knowledge on laws and theories that explain a phenomenon or behavior of interest
- Acquisition of knowledge using the scientific method
- Theory-building (inductive research) and Theory Testing (deductive research)
- Concepts, Constructs, and Variables
- Operational definitions
- Theorization
- Models

b) Skills-

- Analytical skills: Logical: Scientific inferences must be based on logical principles of reasoning.
- Problem-solving skills: Exploratory Descriptive Explanatory Self-management skills: taking responsibility; building confidence in your vision; working under pressure; demonstrating resilience

Outline Syllabus:

UNIT I

Business Research: Definition, meaning, concept, nature, scope, need and managerial value, Research as the application of scientific method, Importance of research in managerial decision making; the Research Process and types of Research, Defining the Research Problem: Problem Formulation and Statement of Research Problem .

UNIT II

Research Design: Exploratory, Descriptive, Diagnostic/ Conclusive and Experimental Research - Details and applications, Operational and administrative structure for research, Sampling and Sampling Designs.

UNIT III

Methods & Techniques of Data Collection: Primary and Secondary Data - Meaning, Observational and other survey methods of Data collection, Development and designing of tools of data collection, Measurement scales, Measurement of attitudes, Validity and Reliability of the tools of data collection.

UNIT IV

Fieldwork in research and data processing, Classification and Tabulation, Analysis and interpretation of Data, Testing of Hypothesis, an overview of Parametric and Non-parametric tests, Essential ideas of Multivariate analysis of data - an overview of dependence and interdependence methods , Statistical Packages - SPSS.

UNIT V

Reporting of Research - Types of Reports - Substance of Reports - Format of Report, Presentation of Reports, – procedure of preparation of reference and bibliography.

References

1. Wilson, J. (2017). Essentials of Business Research, 2e, New Delhi, Sage Publications
2. Jonathan, J. (2010). Essentials of Business Research. New Delhi, SagePublications.
3. Bryman A and Bell, E. (2018) .Business Research Methods (3rd Edn.). New Delhi, Oxford University Press
4. Kothari, C.R. (2013).Research Methodology - Methods & Techniques. New Delhi, New Age international.

Additional Reading

1. Krishnaswami, O.R. and Ranganatham, M. (2005). Methodology of Research in Social Sciences. New Delhi, Himalaya Publishing
2. Panneerselvam, R. (2014). Research methodology, New Delhi, Prentice Hall of India
3. www.swayam.gov.in

MGT 527: FINANCIAL MANAGEMENT

Semester : II
Course Code : MGT 527
Credit : 4
Course : FINANCIAL MANAGEMENT
Aim :

- To develop an understanding of principles of finance
- To use this understanding for decision taking purposes
- To understand financial policies of companies (capital budgeting, forms of financing etc.).
- To understand the role of financial markets ;
- To appreciate risk and uncertainty for financial decision taking
- To evaluate decision rules for investment and financing proposals;

Course Objective: To study various financial decision making methods and learn how to integrate such techniques in monitoring the real performance of a business organization.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L) Sem/(T) Total	Library/	Directed(DS)	Other:	Formal
Hours:	30	Tut: 5	Pract: 10	Study: 50	5 Exams: 2 100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
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√	√	√	√	No	√	√	No	√
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Course Outcomes

a) Knowledge

- knowledge of the terms and concepts employed in
 - finance; the working and functions of the financial
 - system roles played by the key financial markets and
 - institutions;
- the major theoretical advances in finance over the last three decades which have a bearing on managerial practices.

b) Skill-

- Valuation: To develop models for the valuation of securities and
- companies; Critical: risk return tradeoff - diversification and portfolios;
- interpretative: financial institutions;
- Planning: develop a financial plan for a business; and
- Analytical: Use of spreadsheet for financial calculations and analysis.

Outline Syllabus:

UNIT I

Nature and Scope of Financial Management: Meaning and Definition of Business Finance and Financial Management; Finance Functions; Objectives of Financial Management; Financial Decisions; Role and Functions of Finance Manager.

UNIT II

Capital Structure Decisions: Internal financing, Loan financing, Alternative forms of finance. Cost of Different Sources of Capital: Concept of cost of capital, Significance of cost of capital, Computation of Component costs of capital: Cost of Debt; Cost of Preference Share Capital, Cost of Equity, Cost of Retained Earnings, Computation of Composite Cost of Capital. Theories of Capital Structure: Net Income Approach; Net Operating Income

Approach; Traditional Approach and Modigliani-Miller Approach; Concept of Optimum Capital Structure; Factors affecting Capital Structure. Operating and Financial Leverages:

Meaning of leverage, Types of Leverages; Operating, Financial and Composite Leverages.

UNIT III

Investment decisions: Time Value of Money – Concept, Future Value of a single amount; Present Value of a single amount; Future Value of an Annuity; Present Value of an Annuity. Capital Budgeting Decisions: Concept of capital budgeting, Need, types and importance of capital investment decisions; Capital budgeting appraisal methods: Payback period method,

Net Present Value Method, Internal Rate of Return method, and Present Value Index Method

UNIT IV

Management of Working Capital – Concept, types, importance and factors affecting working capital, Sources of working capital, Dividend Decision: Dividend Policy: Dividend and its forms, Objectives of Dividend Policy, Relevance and Irrelevance Theories of Dividend Decision: Walter's Approach; Gordon's Approach

UNIT V

Management of Cash and Marketable Securities: Motives for Holding Cash; Objectives of Cash Management; Factors Determining Cash Needs; Basic Strategies of Cash Management; Cash Management Techniques / Processes; Marketable Securities; and Cash Management Practices in India. **Receivable Management** - Objectives; Credit Policies; Credit Terms; and Collection Policies, **Inventory Management** - Objectives; and Techniques.

References

1. Van Horne, J. and Wachowicz Jr., J.M. (2008). Fundamentals of Financial Management, New Delhi, Prentice Hall of India.
2. Aravind.M. (2019). Principles of Financial Management: Practice and Decisions. New Delhi, Viva Books.
3. Brealey, R., Myers, S.C., Allen, F. and Mohanty, P. (2017). Principles of Corporate Finance. New Delhi, Tata McGraw Hill Publishing Company Ltd.

4. Pandey I. M.. (2016) . Financial Management. New Delhi, Vikas Publishing House Pvt. Ltd
5. Palanivelu, V.R, (2018 Revised Ed), Financial Management, S Chand & Company Ltd, New Delhi.

Additional Reading

- Chandra, P. (2019). Financial Management – Theory and Practice. New Delhi, Tata McGraw Hill Publishing Company Ltd.
- Khan M. Y., Jain P. K. (2018) .Financial Management – Text and Problems. New Delhi, Tata McGraw Hill Publishing Company Ltd.
- www.swayam.gov.in

MGT 528: MANAGING HUMAN RESOURCES

Semester : II
Course Code : MGT 528
Credit : 4
Course : HUMAN RESOURCES MANAGEMENT
Aim :

- To provide you with a repertoire of concepts, which will enhance understanding of organizational events and processes
- To enable to make judgments about behavior,
- To influence organizational phenomena effectively.

Course Objective: To provide an understanding of modern organisations in terms of the management of people, the strategies and processes of HRM, and to provide the basis for a critical review of HRM systems and techniques.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	25	Tut: 10	Pract: 10	Study: 50	5	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:

a) Knowledge-

- Alternative theories on how best to manage people in organisations
- Different models of HRM
- Theories and practices underlying performance management
- Contextualizing Concepts of culture, leadership, power and politics
- Decision making processes in HRM

b) Skills-

- Analytical: Apply suitable models and frameworks to the analysis of social situations and problems at the level of the individual, group and organisation
- Information: Be aware of the potential impacts of various forms of organizational interaction
- Social Skills: Assess how to go about intervening in a social situation
- Decision Enabling: make decisions about the appropriate use of HRM techniques
- Evaluation: Recruitment and selection of employees
- Learning Skills: Performance management and training and development

Outline Syllabus:

UNIT I

Evolution & Growth of HRM –Significance of HRM, Definition, Scope, Functions & Objectives of HRM, Roles of HR Managers in Modern day Organizations, HRM vs. Personnel Management, HRM & Human Capital Management – Contemporary HR Practices & Challenges, Introduction to HR Analytics, HRAccounting, HR Audit, HRIS.

UNIT II

Analysis & designing of jobs–Job Analysis – Definition, Process, Job Description vs. Specification – Job Design – Various Methods – Human Resource Planning(HRP)– Objective– factors affecting HRP – Process, Methods of Demand & Supply Forecasting– Recruitment – Definition, Methods, Process, Yield Ratio – Selection – Definition, Process & Methods, Selection Tests & its Importance – Interviews – Virtual interview–Placement

– Induction/Orientation – Transfer – Promotion & Demotion – Definition & Types – Reasons for Demotion. **CASE DISCUSSION**

UNIT III

Performance Assessment & Human Resource Development: Performance appraisal – Definition, Process, Methods – Past Oriented & Future Oriented – Employee Training – Definition, Importance of Training, Training Need Assessment/Identification (TNA/TNI) – On the Job vs. Off the Job Training – Evaluation of Training – Training vs. Development – Management Development – Definition, Process, **CASE DISCUSSION**

UNIT IV

Wages & Salary Administration: Job evaluation – Definition, Process & Methods - Qualitative & Non Qualitative Methods, Basics of compensation – Definition, Types of Compensation – Direct / Indirect, Fixed / Variable Compensation – Wages vs. Salary – Wage Determination – Wage Theories & Concepts – Minimum Wage, Fair Wage, Living Wage, Wage Determination.

UNIT V

Employee Relations: Industrial Relations – Definition, Objectives of IR – Parties to IR – Trade Unions in India – Participative Management – Definition, Methods of WPM – Collective Bargaining – Definition, Types, Process – Employee Discipline & Grievance – Definition, Settlement of Grievance – Open Door vs. Step Ladder Technique – Industrial Disputes – Definition – Dispute Settlement Machinery – Bipartite & Tripartite bodies in India – Employee Separation Methods - Unethical Practices in HR. Industrial Disputes act, 1947, Factories act, 1948, The Trade Union Act, 1926 - **CASE DISCUSSION**

References

1. Crawshaw, J., Budhwar, P., & Davis, A. (Eds.). (2017). Human resource management: Strategic and international perspectives. Sage Publications.
2. Bhattacharya Kumar Dipak (2017). HR Analytics – Understanding Theories & Applications, Sage Publications.
3. Sanghi, S. (2014). Human Resource Management. Vikas Publications.
4. Aswathappa, K. (2013). Human Resource Management 7E. Tata McGraw Hill.
5. Rao, V. S. P. (2010). Human Resource Management 3E–Text and Cases Excel Books. New Delhi.
6. Randhawa, G. (2007). Human Resource Management. Atlantic Publishers & Dist.

7. Armstrong, M. (2006). A handbook of human resource management practice. Kogan Page Publishers.

Additional Reading

- Industrial Disputes act, 1947, Factories act, 1948, The Trade Union Act, 1926,
- Vikalpa , Journal of the Indian Institute of Management
- Harvard Business Review
- Economic & Political Weekly
- The Effective Executive, Peter Drucker (Harper Business, 2006)

University of Kerala

Master of Business Administration Syllabus

Semester 3:

III SEMESTER:

Core Papers

MGT 531 INNOVATION MANAGEMENT & ENTREPRENEURSHIP

MGT 532 DATA ANALYTICS

MGT 533 INFORMATION SYSTEMS AND CYBER SECURITY

ELECTIVE 1

ELECTIVE 2

ELECTIVE 3

ELECTIVE 4

ELECTIVE 5

Elective List

FACETS OF LAND
GOVERNANCE

LAND LAWS, LAND
REFORMS, LAND
ADMINISTRATION
SYSTEMS, AND
SOCIETY

APPROACHES AND
MODELS FOR
SURVEYING AND
SETTLEMENT IN
LAND
ADMINISTRATION

LAND, GENDER
AND HUMAN
RIGHTS

LAND MARKET AND
PRICING

LAND AND OTHER
NATURAL
RESOURCES
MANAGEMENT

INSTITUTIONAL
FRAMEWORKS AND
POLICIES FOR
LAND
GOVERNANCE

MGT 531: INNOVATION MANAGEMENT AND ENTREPRENEURSHIP

Semester : III
Course Code : MGT 531
Credit : 4
Course : INNOVATION MANAGEMENT

Course Objective:

This course on Innovation Management and Entrepreneurship focusses to provide the MBA participants with adequate skills, analytical tools, perspectives, and experiences that enables them to emerge as successful and autonomous entrepreneurs, family-business entrepreneurs, or entrepreneurs in corporate settings. The course also focusses on innovation as a source of gaining sustainable competitive advantage for firms around the world. Bringing sustained success year after year through innovation has become a managerial challenge. This course also focusses on the practices and processes that managers use to manage innovation effectively.

Teaching Strategy:

Lectures supported by power point presentation, video materials, seminars during which case studies will be discusses and students will solve specific practical assignments. On-line reading materials and discussions. Face-to-face and e-Learning – working in groups on case studies; face-to face and on-line discussions; written assignments. Written feedback is given for both individual and group assignments

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Other:	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	5	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:***a) Knowledge-***

Upon completion of the course students will be aware of the basics in Innovation and Entrepreneurship, Steps for starting a new venture and its funding agencies, Role of Central Government and State Government in promoting Entrepreneurship Innovation policy, Types of innovations. They will be getting an overall understanding about innovation process and models describing the innovation process.

b) Skills-

- Interpretative
- Analytical and
- Evaluative skills

Outline Syllabus:**UNIT I**

Entrepreneur - meaning- importance-Qualities, nature, types, traits, culture, similarities and economic and differences between Entrepreneur and Intrapreneur. Entrepreneurship development-its importance- Role of Entrepreneurship -Entrepreneurial environment. Role of consultancy organizations in promoting Entrepreneurs-Forms of business for Entrepreneurs.

UNIT II

Creating and starting the venture - Steps for starting a small industry - selection of types of organization , Managing, growing and ending the new venture - Preparing for the new venture launch -early management decisions Managing early growth of the new venture-new venture expansion strategies and issues - Going public - ending the venture, Venture Capital – Definition , Funding New Projects – Process – Examples for VC Firms, Issues and problems with VC Firms, International entrepreneurship opportunities.

UNIT III

Development and Government: Role of Central Government and State Government in promoting Entrepreneurship - Introduction to various incentives, subsidies and grants - Export Oriented Units - Fiscal and Tax concessions available. Women Entrepreneurs Reasons for low / no women Entrepreneurs their Role, Problems and Prospects, Corporate Entrepreneurship.

UNIT IV

Innovation: - Definition, Need & Objectives of innovation, Types of innovation in Entrepreneurship – Sustaining, Disruptive, New Market, Integrative, Process of innovation Phases – Idea Generation, Concept, Solution and Market, Role of R&D (RTD) in innovation , Technological innovation - its importance , Technological innovation in business – reasons for and examples, Issues in technological innovation and how to overcome, Technological change and innovation and its impact on employees in future. The innovation matrix and its components – Radically Disruptive, radically sustaining, Incrementally Disruptive & Incrementally Sustaining.

UNIT V

Innovation projects. Methods for evaluation of innovation projects. Closed innovations. Open innovations, Theories of innovation – E.M Rogers Diffusion of Innovation (DOI) Theory and its limitations, Schumpeter's Innovation Theory of Profit, Social Innovation – Definition, Process, Importance of social innovation, Examples of social innovation, architectural **and** modular innovation.

References

- Tidd, J., Bessant, J. (2013) Managing Innovation: Integrating Technological, Market and Organisational Change. 5th ed., Hoboken: John Wiley & Sons
- Trott, P. (2011) Innovation Management and New Product Development. 5th Edition. FT Prentice Hall.
- Drucker, P. F. (1985) Innovation and Entrepreneurship. New York: Harper Collins Publishers, Inc.

- Vasanth Desai " Dynamics of Entrepreneurial Development and Management Himalaya Publishing House.
- Robert D.Hisrich, Michael P.Peters, " Entrepreneurship Development, Tata McGraw Hill edition.

Additional Reading

- Davila, T., Epstein, M and Shelton, R. (2013) Making Innovation Work: How to Manage It, Measure It, and Profit from It, Updated Edition. Pearson Education Inc. 2013.
- www.swayam.gov.in

MGT 532: DATA ANALYTICS

Semester : III
Course Code : MGT 532
Credit : 4
Course : DATA ANALYTICS
Aim :

- To familiarize learners with the latest online technologies used in decision making
- To enable the learners, understand the importance of big data in strategic management
- To familiarize learners with various tools used in data analysis

Course Objective: The key objective of this **course** is to familiarize the students with most important information technologies used in manipulating, storing, and analyzing big **data**. We will examine the basic tools for statistical **analysis**, R and Python, and several machine learning algorithms.

Teaching Strategy:

In addition to the conventional classroom lectures, the students will be given hands on training in data analytic techniques and data analysis. Along with this the students have to submit deadline-based assignments and projects on the topics

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Lab	Formal	Total
Hours:	20	Tut: 5	Pract: 5	Study: 50	20	Exams: 2	100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:

a) Knowledge-

- A clear understanding of modern trends in online data management
- Understanding of Big Data and its relevance in formulating online business strategies
- Application of theory to practice to better decision making
- Understanding the nuances of data analysis
- Imbibing business intelligence for optimising outputs
- A holistic approach to achieving the goals and objectives of business through latest online data optimising techniques

b) Skills-

- Ability to interpret from the various outputs the best option suitable to address the problem at hand
- Create data sets using data analysis techniques for strategic decision making
- Ability to use Big Data using the various online tools available for effective interpretations
- Ability to understand the various algorithms used in data analytics
- Ability to create new data sets according the problem at hand

Outline Syllabus:

UNIT I

Understanding Data: Types of data – Data cleaning and preparation- Information – Types of data – Structured and unstructured - Characteristics – Information systems in modern day business – Importance of Information Processing in Management

UNIT II

Online data storage: Relevance of online data processing – Cloud computing –Cloud based services offered by Amazon, Google and IBM – E-Commerce Applications

UNIT III

Big Data Analytics: Big Data- Characteristics and Relevance – Applications of Big Data – Data search algorithms in search engines – Digital advertisements – Recommender systems –

Customer Analytics – Compliance analytics – Fraud analytics – Operational analytics

UNIT IV

Machine learning: Types of learning algorithms – Machine learning models – Areas of application – Business intelligence – Data gathering – Data storage and knowledge management

UNIT V

Data Analysis: Introduction to R Programming, PYTHON, SPSS, AMOS and MS-Excel – Key data analysis techniques used in creating data sets for business –Types of analysis – Descriptive – Diagnostic – Predictive and Prescriptive

References

1. Maheswari A (2017) Data Analytics, McGraw Hill Educations
2. S, A.Vivek & Kumar, Rakesh S. (2019). Business Analytics: An Introduction. Kollam: SS Book Series
3. Siegel E (2013) Predictive Analytics, The Power To Predict Who Will Click, Buy, Lie Or Die R, Wiley
4. Simon P (2015) Too Big to Ignore, The Business Case for Big Data, Wiley
5. Croll A, Yoskovitz (2013), Lean Analytics, Use Data to Build a Better Startup Faster, O'Reilly Media
6. James G, Witten D, Hastie T and Tibshirani R (2013), Introduction to Statistical Learning with Applications in R, Springer Science and Business
7. Miles A, Huberman M and Saldana J (2018), Qualitative Data Analysis: A Methods Source Book, Sage Publications

Additional Reading

Online references

<https://www.simplilearn.com/data-science-vs-big-data-vs-data-analytics-article>

<https://www.edureka.co/blog/what-is-data-analytics> <https://intellipaat.com/blog/what-is-data-analytics/> <https://www.proschoolonline.com/blog/top-10-data-analytics-tools>

<https://cyfar.org/types-statistical-tests>

<https://towardsdatascience.com/statistical-tests-when-to-use-which-704557554740>

MGT 533: INFORMATION SYSTEMS AND CYBER SECURITY

Semester : III
Course Code : MGT 533
Credit : 4
Course : CYBER SECURITY AND INFORMATION SYSTEMS

As the threat of cyber security becomes a focus for companies all around the world, this course is designed to help provide you with the skills needed to manage the challenges in the field of cyber security management. The course will enable you to gain knowledge of digital information security concepts and an understanding of how they are applied.

Course Objective: The objective of the course is to introduce Information Systems and also the need to learn the cyber security.

Teaching Strategy:

In addition to the conventional classroom lectures, the students will be given hands on training in data analytic techniques and data analysis. Along with this the students have to submit deadline-based assignments and projects on the topics

Study:	Lect:(L)	Sem/(T)	Library/	Directed(DS)	Lab	Formal	Total
Hours:	25	Tut: 5	Pract: 5	Study: 50	15	Exams: 2	100

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:

c) Knowledge-

- A better understanding of cyber operations
- Attain knowledge of advanced security and privacy issues in systems
- An understanding of information systems
- Understanding of cybersecurity tools, techniques
- To develop an understanding of security issues towards new architectures

Skills-

- Critical Thinking
- Cognitive skills and ability to identify, analyze and articulate the importance of managing IS-related risk and security issues in organizations, and the relationship

Outline Syllabus:

UNIT I

Management Information System (MIS) Concept and Role - Information Needs and Structure of MIS - Components and Structure- Organizational and Functional - information requirements by level of management activity – transaction processing systems – information support systems - role of MIS - impact of MIS - MIS as a support to the management - MIS and organizational effectiveness - System concept - MIS for a digital firm – Cyber security- A comprehensive overview of existing security vulnerabilities. Critical analysis of the state-of-the-art mitigation techniques and their pros and cons.- New cyber-attack patterns in emerging technologies.

UNIT II

Planning & Decision Making - Concepts in planning and control, Decision making and information systems - systems for decision support - Executive Support Systems (ESS) - Group Decision Support Systems (GDSS) - the process of developing DSS - individual and organizational model - knowledge management- enterprise-wide knowledge management systems - knowledge work systems - intelligent techniques - Knowledge

Based Expert Systems (KBES) - Enterprise Resource Planning – Cloud based Decision support Decision Making -Executive Information Systems -

UNIT III

Information System for Control - System Analysis - System Design and Development - Data Base and Data Base Management Systems Databases and Information Management - - database models - capabilities of DBMS - RDBMS - using databases to improve business performance and decision making – client-server architecture. – Computer Based Management Information System • Computer Networking and Communication Technology -

Big Data Analytics and Cloud Computing - Information Systems for Managerial Decisions – The Future Cyber Security and its problems-Intervention Strategies:- Introduction to the Legal Perspectives of Cybercrimes and Cyber security, Cybercrime and the Legal Landscape, The Indian IT Act, - Cybercrime and Punishment, Cyber law.

UNIT IV

Systems development models - prototype approach – classical SDLC approach - structured system design - system development process - tools and techniques of system design - data flow diagram - data structure - system implementation success and failure - quality control of information system - introduction to emerging technologies

UNIT V

Securing Information Systems - System vulnerability and abuse - wireless security challenges - malicious software - hackers and cyber vandalism - computer crime and cyber terrorism - business values of security and control - firewalls – intrusion - detection systems - antivirus software - securing wireless networks - encryption and public key infrastructure – ensuring system availability - security issues for cloud computing and the mobile digital platform

References

- Biswas, ,Jaytilak (2020) Management Information Systems: Sage Texts
- Jawadekar, Waman S (2013) Management Information Systems: A Global Digital Enterprise Perspective, McGraw Hill Education (India) Private Limited

- Laudon Kenneth C. & Laudon Jane P. (2012) Management Information System, Pearson Education
 - Belasure Sunit and Godbole Nina,(2011) Cyber Security: Understanding Cyber Crimes, Computer Forensics And Legal Perspectives, Wiley India Pvt. Ltd,
- Grady Mark F, Parisi,, Fransesco (2005) “The Law and Economics of Cyber Security”, Cambridge University Press,
- O’Brien, James A Marakas George M and Behl Ramesh (2009) Management Information Systems,, Tata McGraw Hill Education Private Limited.

Additional Reading

Online references

- www.swayam.gov.in
- <https://www.csis.org/news/cybersecurity-agenda-45th-president>
- Jaccard, Julian Jang and Nepal, Surya (2014) A survey of emerging threats in cybersecurity *Journal of Computer and System Sciences* 80 (5) 973-993

MGTLG 01- FACETS OF LAND GOVERNANCE

Semester: III Module title: Facets of Land Governance Credit: 3	CODE: MGTLG01 Module Type: Single
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Module Aim(s): To provide an overall understanding of the different use-based attributes of land considering it as the basic resource for multiple human activities and their management.

Course Objectives

- To provide an overall understanding on the different use based attributes of land considering it as a source for different kinds of management
- To help the managers to understand the different prevailing systems in use based management

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution

Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Comp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:

Knowledge	<ul style="list-style-type: none"> • Learn the multiple uses of land and its significance in the development • Understand forms of land administration, and its evolution.
Skills	<ul style="list-style-type: none"> • Get insight on and necessity of land for leisure and community use. • Learn To Evaluate the commercial value of land and land zonation
General Competencies	<ul style="list-style-type: none"> • Recognize the role and necessity of land and ability to understand land as a unit of administration.

Key Graduate Attributes

Academic and professional Knowledge	Discussing the role of environmental planning in water management	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT I

Land as a resource of production – Major uses of land – Land for agriculture – Importance of Agriculture in the economy of different countries – Land ownership in agriculture - Different forms of agriculture in the world – Land for industrial purposes – Important industrialized countries and its economic significance – Land ownership as a tool for industrial development - Land for housing - Major housing projects of the world – Land rights Vs House rights – Basic principles in community housing projects – Scope of commercial housing projects

UNIT II

Land as a unit of administration – The concept of “cadastre” – Surveying for settlement – Settlement for administration – Different administration systems in the world – Development of administrative systems in the world - Forms of land administration mechanisms in India and its evolution – History of land administering legislations – Major land administering legislations in the world with special emphasis on Indian land laws – Landmark legislations on land in the State of Kerala, India

UNIT III

Land as a commercial entity – Importance of land in commerce – Commodity value of land and importance of zoning in the valuation of land– Different types of zoning based on purpose – Land zoning as a tool for enhancing the value of land – Common prohibited land transactions – Land zoning for eco-restoration of land – Role of community and local governments for the maintenance and management of land zones

UNIT IV

Land for leisure and community use – Importance of open space for maintenance of social equilibrium - Protection and management of community land – Importance of landscaping in leisure sites for community – Common plant species used in community gardens – Basic amenities required in a community garden – Basic tenets in providing land for utility services required for the community – Doctrines of eminent domain and public trust

References:

1. G.P. Obi Reddy, N.G. Patil, Arun Chaturvedi, Sustainable Management of Land Resources: An Indian Perspective. United States: Apple Academic Press.2017.

2. Choudhury, Pranab, Community Land Rights & Customary Tenure in India, XVIth Biannual Conference International Association for the Study of the Commons At: Utrecht, Netherlands. 2017 DOI:10.13140/RG.2.2.26387.37929
3. Great Britain, John F. Phillips, Policy and Administration Aspects of the Land Development and Utilization Act 1966 in Jamaica. (n.d.). (n.p.): Iica, 1948
4. McLaughlin, J., Dale, P., Land Administration, United Kingdom, OUP Oxford. 2000
5. Bloch, P. C., The Role of the State and Individual in Sustainable Land Management. United Kingdom: Taylor & Francis. 2018
6. of the United Nations, F. a. A. O., The State of the World's Land and Water Resources for Food and Agriculture: Managing Systems at Risk. United Kingdom: Taylor & Francis. 2013
7. Misra H.N, Managing Natural Resources: Focus on Land and Water. India, PHI Learning. 2014
8. Belay, A, Communal Land Management. Governing Commons and Natural Resources. Germany: GRIN Verlag. 2017
9. RE Just, Commodity and Resource Policies in Agricultural Systems. Germany Springer Berlin Heidelberg. 2012
10. Enemark, S., Rajabifard, A., Williamson, I. P., Wallace, J.. *Land Administration for Sustainable Development*. United States: ESRI Press Academic. 2010
11. UN ECE, Land Administration Guidelines: With Special Reference to Countries in Transition. Switzerland, UN 1996

E-Resource :

- <https://unece.org/DAM/hlm/documents/Publications/land.administration.guidelines.e.pdf>
- https://www.eld-initiative.org/fileadmin/pdf/ELD-main-report_05_web_72dpi.pdf
- https://www.researchgate.net/publication/237714068_Impacts_of_Land_Use_Changes_on_Recreation_and_Open_Space_in_the_New_York-New_Jersey_Highlands_Region1
- https://www.researchgate.net/publication/259976080_Economic_Land_Use_Theory_and_Land_Value_in_Value_Model

E-Content URL: Vidya-mitra/e-Pathashala

- <https://www.youtube.com/watch?v=AJThWzrp1B0> (Land Use Planning II: Policy Framework and Utilization Trends)
- https://www.youtube.com/watch?v=z_yS2tvSB0c (Introduction of Land use)
- <https://www.youtube.com/watch?v=IA2OeT2nfao> (Land as Basic Resource)
- <https://www.youtube.com/watch?v=igs-B3a8-W0> (Land Ownership and Rights)

MGTLG02- LAND LAWS, LAND REFORMS, LAND ADMINISTRATION SYSTEMS, AND SOCIETY

Semester: III Module title: Land Laws, Land Reforms, Land Administration Systems, and Society Credit: 3					CODE: MGTLG02 Module Type: Single		
Module Aim(s): To provide a brief overview of the concept of land titles, tenures, and land reforms for equitable land distribution for developing a welfare society and to give an insight to managers on the administration of different kinds of land.							
Course Objectives <ul style="list-style-type: none">To provide a brief overview on different model land laws and concept of land reforms for the equitable land distribution for developing a welfare society							
Teaching Strategy		Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.					
Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100
Course Outcomes:							
Knowledge		<ul style="list-style-type: none">Learn different types of land titles and tenures prevail in the world and in IndiaDiscuss the land reforms movement in the world and in India.Describe and Discuss the land tenures in IndiaUnderstand the relevance of land titling in better land administration, investment, and land transactions					
Skills		<ul style="list-style-type: none">Recognise and apply the legislative provisions on LandGain insight on administration of different kinds of land					
General Competencies		<ul style="list-style-type: none">Understand the rights and interests of land and its regulations in the world and in India					
Key Graduate Attributes							

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT – 1

Different land titles and tenures – Important types of titles on land in the world and India – Important types of tenures of land in India – Different types of land based on its geophysical form and restrictive legislations for ecological protection – Administrative mechanisms for protection of public land and private land – Concept of welfare State in Indian constitution and facets of land administration in constitution of India.

UNIT - II

Land titling for better land administration – Model Land Titling Bill, 2011 and its constitutional objectives – SDGs and importance of land titling in India and elsewhere – Land titling for better investment opportunities – Importance of clear titles for seamless land transactions

UNIT III

Land reforms movement in India – Concept of Welfare State in Indian constitution – Land rights for economic and social development – Status of land reforms movements in the world and India

UNIT IV

Land tenures in India – Concept of freehold and presumptive freehold in India – Determining factors of presumptive freehold – Laws related to presumptive freehold in India – Relevance of leasehold tenure under Transfer of Property Act, 1898

UNIT V

Rights and interest on land – Different rights on land – Different types of interest on land – Rights granting regulations in the world and India

References:

1. Farvacque-Vitković, C., McAuslan, P., Reforming Urban Land Policies and Institutions in Developing Countries. Ukraine: World Bank.1992.
2. Saxena, A, Land Law in India. India: Taylor & Francis.2019

3. Land Policies in India: Promises, Practices and Challenges. (2018). Singapore: Springer Nature Singapore.

4.S. P. Aiyar, Perspectives on the Welfare State. India: Manaktalas.1966

5.Rosa Congost, Jorge Gelman, Rui Santos, Property Rights in Land: Issues in Social, Economic and Global History. United Kingdom: Taylor & Francis.2016

6.Chandler, A. N.. Land Title Origins: A Tale of Force and Fraud. (n.p.): Beard Books, Incorporated.2000

7. Bruce, J. W, Land Law Reform: Achieving Development Policy Objectives. United Kingdom: World Bank.2016

8.Nayak, P, Land Reforms to Land Titling: Emerging Paradigms of Land Governance in India. India: SAGE Publications.2020

E-Resource :

- https://www.files.ethz.ch/isn/100098/2002_06_Land_Tenure.pdf
- https://www.researchgate.net/publication/325336159_Land_Tenure_Systems_and_Land_Tenure_in_India
- https://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000033SO/P000292/M006459/ET/1495706863m_12_et.pdf
- <https://sur.conectas.org/en/land-rights-humanrights/#:~:text=They%20include%20rights%20to%3A%20occupy,ORGANISATION%20OF%20THE%20UNITED%20NATIONS%2C>
- <https://web.worldbank.org/archive/website00528/WEB/PDF/LAPCWILL.PDF>

E-Content URL: Vidya-mitra/e-Pathashala

- <https://www.youtube.com/watch?v=Ql066Q060D0> (Land Reforms in India)
- <https://www.youtube.com/watch?v=Xc6goTBsBSE> (Land Reforms in India)
- <https://www.youtube.com/watch?v=dX2mw5poC20>(The Political Context of Land Reforms-I)
- <https://www.youtube.com/watch?v=dOnRTnRtXo0>(Property Rights and Land Reforms (LAW))

MGTLG03 - APPROACHES AND MODELS FOR SURVEYING AND SETTLEMENT IN LAND ADMINISTRATION

Semester: III

Module title: Approaches and Models for Surveying and Settlement in Land Administration

Credit: 3

CODE: MGTLG03

Module Type: Single

Module Aim(s): To provide a platform for understanding the evolution of different settlements in the world and the subsequent land administering mechanisms. To help the managers to understand the different methodologies adopted for the surveying of land.

Course Objectives

- To provide a platform for understanding evolution of different settlements in the world and the subsequent land administering mechanisms
- To help the managers to understand the different methodologies adopted for the measurement of land

Teaching Strategy

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Hour Distribution

Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:

Knowledge	<ul style="list-style-type: none"> • Learn the evolution of human settlements and their administrative mechanisms. • Discuss the principles and legislations in the survey settlement and cadastre • Familiarize with land administrative system of the world and India
Skills	<ul style="list-style-type: none"> • To use different methodologies and tools used in the surveying of land. • Applying principles for developing model land administration systems
General Competencies	<ul style="list-style-type: none"> • Analyse and evaluate various settlements in the world and applying different methodology to measure the land.

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Settlements and administration – Origin and history of human settlements in the world and India – Different types of human settlements in the world - Factors leading to formation of human settlements – Maslow’ s hierarchy of needs – Land needs of old world human settlements – New world human settlement and land needs – Virtual human communities and settlements – Administrative mechanisms in different types of human settlements

UNIT II

Importance of land surveying in cadastre formation – Land administration in MDGs–Seamless land transaction for enhancing investments on land - Concept of cadastre formation –Cadastre as the basic land administration unit – Basic principles in land surveying – Different methodologies used in land surveying – Different tools used for surveying of land – Advances in land surveying for precise cadastre fixing

UNIT III

Survey settlement and cadastre–Formation of surveyed settlements for better land administration–Legalization of surveyed settlements for evading rights-based conflicts - Types of different surveyed settlements in the world and administrative systems in such settlements–Basic principles in land administration suggested for surveyed settlements in developing model land administration systems

UNIT IV

Land administrative systems of the world and India – International Government supported organizations in the field of land-related matters–Role of international NGOs in administration of land in different parts of the world - National agencies associated with land administration in India – Emerging trends in land administration

References:

1. French, C. A Handbook of Geo archaeological Approaches to Settlement Sites and Landscapes. United Kingdom: Oxbow Books.2015

2. United Nations Centre for Human Settlements (Habitat), Regional Development Planning and Management of Urbanization: Experiences from Developing Countries. Kenya, Habitat 1997
3. National Research Council (U.S.). Panel on a Multipurpose Cadastre, Procedures and Standards for a Multipurpose Cadastre. United Kingdom: National Academy Press. 1983
4. Wilson, D. A., Cole, G. M.. Land Tenure, Boundary Surveys, and Cadastral Systems. United States: CRC Press. 2016
5. Mansberger, R., Hepperle, E., Maliene, V., Auzins, A., Paulsson, J., Valciukiene, J.. Methods and Concepts of Land Management: Diversity, Changes and New Approaches. Switzerland: vdf Hochschulverlag ETH Zurich. 2020
6. J. F. Whittal, Cadastre: Principles and Practice, . South Africa: South African Geomatics Institute. 2020
7. Mearns, R, Access to Land in Rural India: Policy Issues and Options. United States: World Bank, South Asia Region, Rural Development Sector Unit. 1999
8. Agarwal, B. K.. Land Registration: Global Practices and Lessons for India. India: Pentagon Press. 2019

E-Resource:

- https://unhabitat.org/sites/default/files/2021/01/4_unhabitats_placement_within_the_secretariat_structure_edit.pdf
- https://www.kscest.org.in/vis_files/Basemap_SOP.pdf (PPT)
- <https://openknowledge.worldbank.org/handle/10986/9534>

E-Content URL:

- <https://www.youtube.com/watch?v=xwVU-OaAQNg> (Cadastral surveying)
- https://www.youtube.com/watch?v=cNI_V_9RAQw (Evolution of Settlement)

MGTLG04 - LAND, GENDER, AND HUMAN RIGHTS

Semester: III	CODE: MGTLG04
Module title: Land, gender, and Human Rights	Module Type: Single
Credit: 3	

Module Aim(s): This course aims to facilitate the student's understanding of different concepts related to gender and human rights issues in land governance.

Course Objectives

- To provide knowledge about Land rights and gender discrimination in land ownership
- To help the managers to understand the Rights of Indigenous People on land

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:	
Knowledge	<ul style="list-style-type: none"> • Understand land rights as human rights • Familiarise students with the interventions of international organizations and laws in land rights
Skills	<ul style="list-style-type: none"> • knowledge in Human right Laws in land governance • Recognize gender issues related to land rights and best practices in land governance.
General Competencies	<ul style="list-style-type: none"> • Ability to critically evaluate the strategies and approaches to protect human rights in land governance

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Land and Human Rights –Land Rights as Human Rights, Status of land under international law, Land Rights-Indigenous rights, Ancestral land, Customary relationship to land, Communal Tenure, Traditional Possession of land, Right to Property, Cultural Rights, Right to Development

UNIT II

UN Declaration on the Rights of Indigenous People, Land Rights and Urban Development, Land Rights and Urban Poor, Land rights and international Human Rights Law

UNIT III

Introduction to gender-equitable Land Governance, Gender-equitable Tenure, Gender Justice in Land Governance, Non-discriminatory access to and protection of land rights, Gender Issues and Best Practices in Land Governance

UNIT IV

Strategies and approaches to protect human rights in land governance, Violations of the Human Right to Adequate Housing and Land – Homelessness, Slums and Inadequate Settlements, Forced Evictions, Housing and Land Rights in Post-Disaster Scenario, Development-induced Displacement, Landlessness

References:

1. Gender and Access to Land, Italy, Food and Agriculture Organization of the United Nations.2002
2. Kusakabe,Shrestha,Veena. N,Gender and Land Tenure in the Context of Disaster in Asia,. Germany: Springer International Publishing.2015
3. Prem Chowdhry, Gender Discrimination in Land Ownership, India: SAGE Publications.2009

4. The United Nations Declaration on the Rights of Indigenous Peoples: A Contemporary Evaluation. United Kingdom: Taylor & Francis.2020
5. The UN Declaration on the Rights of Indigenous Peoples, A Commentary. . United Kingdom: OUP Oxford.2018
6. Gilbert, J, Indigenous Peoples' Land Rights Under International Law: From Victims to Actors. Second Revised Edition. Netherlands: Brill.2016
7. New Technologies for Human Rights Law and Practice. (2018). Italy: Cambridge University Press.
8. Van der Vossen, B., Queralt, J, Economic Liberties and Human Rights. United Kingdom: Taylor & Francis Limited.2021
9. Chigara, B., Land Reform Policy: The Challenge of Human Rights Law. United Kingdom, Taylor & Francis.2019
10. Comparative Perspectives on Communal Lands and Individual Ownership: Sustainable Futures, United Kingdom: Taylor & Francis.2010
11. Fredman, S., Comparative Human Rights Law. United Kingdom: Oxford University Press.2018
12. Indigenous Peoples' Right to Adequate Housing: A Global Overview, United Nations Human Settlements Programme (UNHABITAT).2015
13. Jennifer E. Duyne Barenstein, Esther Leemann., Post-Disaster Reconstruction and Change: Communities' Perspectives, United States: CRC Press.2015

E-Resource:

- [https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=Vu+b7LQyc9e/jifd2gmpPA==\(Land Alienation\)](https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=Vu+b7LQyc9e/jifd2gmpPA==(Land+Alienation))
- [https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=Vu+b7LQyc9e/jifd2gmpPA==\(Displacement, Rehabilitation and Social Changes\)](https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=Vu+b7LQyc9e/jifd2gmpPA==(Displacement, Rehabilitation and Social Changes))
- <https://sur.conectas.org/en/land-rights-human-rights/>
- https://www.researchgate.net/publication/272305198_Land_Rights_as_Human_Rights_The_Case_for_a_Specific_Right_to_Land
- https://www.un.org/development/desa/indigenouspeoples/wpcontent/uploads/sites/19/2018/11/UNDRIP_E_web.pdf(United Nations Declaration on the Rights of Indigenous Peoples)
- <https://elearning.fao.org/course/view.php?id=198>(Governing land for Women and Men)
- <https://www.ohchr.org/sites/default/files/Documents/HRBodies/CEDAW/RuralWomen/InternationalLandCoalition.pdf>

E-Content URL:

- <https://www.youtube.com/watch?v=eEdk15-vbCE> (Human Rights)
- https://www.youtube.com/watch?v=fympQ_2ATNI(Universal declaration of Human Rights)
- <https://www.youtube.com/watch?v=DENDrgNRhks>(Gender and Development)
- <https://www.youtube.com/watch?v=agP57uINoEI>(Human rights of indigenous people)

MGTLG05- LAND MARKETING AND PRICING

Semester: III	CODE: MGTLG05
Module title: Land Marketing and Pricing	Module Type: Single
Credit: 3	

Module Aim(s): To provide an overview of the use of land as a productive investment source. To help the managers to understand the intricacies connected with land transactions

Course Objectives

- To provide an overview on the use of land as a productive investment source
- To help the managers to understand the intricacies connected with land transactions

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:

Knowledge	<ul style="list-style-type: none"> • Learn the basic principles of economics and its role in land governance • To gain knowledge about land pricing and its assessment • Understand the precautions to be taken for land transactions • Critically evaluate the development of land for real estate and land pooling for better pricing
Skills	<ul style="list-style-type: none"> • Expertise in the land economics Principles • Managing the intricacies connected with land transactions.
General Competencies	<ul style="list-style-type: none"> • Ability to evaluate Productive investment on land and understand legal requirements for the purchase of lands

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Land as a source of productive investment – Basic principles of economics – Demand and supply in economics – Demand assessment- Supply Management – IT tools for assessing demand and supply.

UNIT II

Land Pricing – Assessment of fair value of land and different techniques involved- Assessment of market value of land and different techniques employed for the same – Regression analysis for fixation of value of land – Dependent and independent factors which affect the price of land.

UNIT III

Precautions to be taken before purchasing the land - Caveat emptor principle and case laws – Hidden Rights and Interests on land - Basic legal requirements for effecting the purchase of lands – Transfer of Registry – An overview of land records with Government systems for administration of land – Competent official mechanism for effecting land transactions – e-Governance in land transaction and latest developments

UNIT IV

Land Development and Land pooling for better pricing - Formalities to be complied with while developing lands for real estate purposes – Land pooling principles for enhancing the value of land – Indian real estate market and its future prospects – Housing requirements for the future and new developments in the housing sector.

References:

1. Evans, A. W., Economics, Real Estate and the Supply of Land. Germany, Wiley. 2008
2. Yu, B. T., Lai, L. W., The Power of Supply and Demand: Thinking Tools and Case Studies for Students and Professionals. Hong Kong: Hong Kong University Press.2003
3. Ho, K. H., Land Management & Economics. United Kingdom: Partridge Publishing Singapore.2020

4. Evans, A. W., Economics and Land Use Planning. Germany: Wiley.2008
5. Harvey, J., Urban Land Economics: The Economics of Real Property. United Kingdom: Macmillan Education.2008
6. Baum, A., Nunnington, N., Mackmin, D., Manville Baum, C., The Income Approach to Property Valuation. United States: Taylor & Francis.2013
7. Fortescue-Brickdale, C., The Practice of the Land Registry Under the Transfer of Land Act, 1862: With Such Portions of the Rules as Are Now in Force; And General Instructions, Notes, Forms, and Precedents (Classic Reprint). United States: Fb&c Limited.2017
8. Buitelaar, E., The Cost of Land Use Decisions: Applying Transaction Cost Economics to Planning and Development. Germany: Wiley.2008
9. Yeh, A. G., Ng, M. K., Planning for a Better Urban Living Environment in Asia. United Kingdom: Taylor & Francis.2018
10. Podile, V., Impact of Land Pooling Scheme on Industrial, Social and Economic Development: An Empirical Study in Capital City Area (Amaravati) of Andhra Pradesh. India: Reliance Publishing House.2021

E-Resource :

- https://www.fao.org/uploads/media/LTWP-21_Private_Sector_and%20Investment_final.pdf
- https://www.researchgate.net/publication/228922481_Estimating_Land_Valueshttps://www.bu.edu/eci/files/2020/06/Land-Economics_final.pdf
- <https://www.adb.org/sites/default/files/publication/767671/sawp-088-land-pooling-south-asia-lessons-learned.pdf>

E-Content URL:

- https://www.youtube.com/watch?v=ckuE_FXXU3k&list=PL_a1TI5CC9RGvVa4rsXdrIjVhd_a7BJW2f(Economic Growth and Economic Development)
- <https://www.youtube.com/watch?v=BGo5JY0Awto>(Basic Demand and Supply)
- <https://www.youtube.com/watch?v=yp4FvyeMf-Q>(Caveat Emptor -Sale of Goods Act 1930)

MGTLG06- LAND AND OTHER NATURAL RESOURCE MANAGEMENT

Semester: III

Module title: Land and other Natural Resource Management

Credit: 3

CODE: MGTLG06

Module Type: Single

Module Aim(s): This course aims at facilitating the students' understanding of the land and other natural resources and their management.

Course Objectives

- To provide an overall understanding in the importance of sustainable Natural Resource Management
- To introduce students the Better Strategies for Natural Resource Management

Teaching Strategy

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Hour Distribution

Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:

Knowledge	<ul style="list-style-type: none"> • Learn the basics of Various natural resources • Understand the basics of water resources and watershed management • Discuss biodiversity at global, national, and local levels and its conservation strategies
Skills	<ul style="list-style-type: none"> • Applying integrated management of forest, mineral, and energy resources • knowledge in the land Restoration Techniques and Policies
General Competencies	<ul style="list-style-type: none"> • Ability to identify the Sustainable Management Practices for various Natural Resources and acquire techniques for applying natural Resources Conservation.

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Natural resources – definition – characteristics and classification; renewable and non-renewable resources. Role of an individual in the conservation of natural resources. Equitable use of resources for sustainable lifestyles. Pricing and valuation of natural resources – Natural resource policies

UNIT II

Land resources: Land as a resource, land degradation – types, factors, and processes. Man-induced landslides, soil erosion, and desertification. Land restoration and conservation techniques – erosion control, mine land reclamation, reclamation of salt-affected soils, afforestation. Land use policy, incentives and participatory approach for reversing land degradation.

UNIT III

Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits, and problems. Integrated water management in command areas. Watershed – definition, concept, classification, importance. Water harvesting and recycling

UNIT IV

Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams, and their effects on forest and tribal people. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources. Food resources: World food problems, Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.

UNIT V

Biodiversity and its conservation: - Introduction, definition, genetic, species & ecosystem diversity and biogeographical classification of India. Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. Biodiversity at global, national and local levels, Hot-spots of biodiversity. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species at global and national levels. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

References:

1. Greenland, D. J., Szabolcs, I., *Soil Resilience and Sustainable Land Use*. CABI.1994
2. Lal, R., Blum, W. E. H., Vailentine, C., and Stewart, B. A.,. *Methods for Assessment of Soil Degradation*, CRC Press.1997
3. Sehgal, J. and Abrol, I. P., *Soil Degradation in India - Status and Impact*. Oxford & IBH. 1994
4. De Barry, P. A., *Watersheds, Processes, Assessment and Management*. John Wiley and Sons, New Jersey. 2004
5. Thomas, C.G., *Land Husbandry and Watershed Management*. Kalyani Publishers, Ludhiana.2009
6. Brooks, K.N., Ffolliott, P. F., Gregerson, H. M. and DeBano, L.F., *Hydrology and the Management of Watersheds* (2nd Ed.). Iowa State University Press, Ames.1997
7. Biswas, T. D., Narayanasamy, G. (Eds.), *Soil Management in Relation to Land Degradation and Environment*. Bull. Indian Soc. Soil Sci., New Delhi.1996
8. Greenland, D. J. and Szabolcs, I., *Soil Resilience and Sustainable Land Use*. CABI,1994
9. Singh, P., Maliwal, P. L., *Technologies for Food Security and Sustainable Agriculture*. Agrotech Publ.2005

E-Resource:

- https://onlinecourses.nptel.ac.in/noc22_ag10/preview(Natural Resources Management)
- https://www.researchgate.net/publication/228422462_Classification_of_natural_resources
- https://www.researchgate.net/publication/236892461_Land_Degradation_Its_Control_Management_and_Environmental_Benefits_of_Management_in_Refere
- <https://wedocs.unep.org/bitstream/handle/20.500.11822/29749/LandSDG.pdf?sequence=1&isAllowed=y>

E-Content URL:

- <https://www.youtube.com/watch?v=vsXv3anIBSU&list=PLwdnzlV3ogoV162m7Q1rCQamsvKWT9D08>(Natural Resource Management)
- <https://www.youtube.com/watch?v=-WmiOjCG4Vs>(Need for Water and Natural Resource Management)
- https://www.youtube.com/watch?v=HnNW-jF73UI&list=PL_a1TI5CC9RE8AUN1hhR4NCdaI40-XlCQ(Water Resources and Management)
- <https://www.youtube.com/watch?v=DAYarkPYZB4&t=25s>(Water Security and Rain Water Harvesting)
- <https://www.youtube.com/watch?v=tp0Utum-i80>(Forest Resource Distribution, Livelihood & Scarcity Concerns)
- <https://www.youtube.com/watch?v=wNxTUMHq6ek>(Conservation of Biodiversity)
- <https://www.youtube.com/watch?v=N9gE9SCd3wI>(Alternate sources of energy used in households)

MGTLG07- INSTITUTIONAL FRAMEWORKS AND POLICIES FOR LAND GOVERNANCE

Semester: III Module title: Institutional Frameworks and policies for Land Governance Credit:3					CODE: MGTLG07 Module Type: Single		
Module Aim(s): This course aims at providing students with a basic understanding of institutional and legal frameworks, and their constraints in land governance.							
Course Objectives <ul style="list-style-type: none">To introduce the policies and legal frameworks in Land Governance for urban and rural areas.To provide knowledge on land reforms and the impacts of land reforms							
Teaching Strategy		Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.					
Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Comp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100
Course Outcomes:							
Knowledge		<ul style="list-style-type: none">Learn the basics of land management and governanceUnderstand the need and importance of the institutional framework for the land governance					
Skills		<ul style="list-style-type: none">Ability to analyze the role of technology in land administration and governance					
General Competencies		<ul style="list-style-type: none">Critically evaluate the policies, legal frameworks, their barriers and constraints in land governance					
Key Graduate Attributes							

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Historical context of Land records - Sustainable development agenda 21 - Land reforms– Land ownership – land tenure – Impact of land reforms on agriculture, industry and land productivity – Land reforms - Women's land rights - Natural resource management - Land disputes and conflicts - Case studies on land reforms and its impact on different sectors of land use; Land administration systems –Land administration objectives- procedures for introducing a land administration system - capacity development of land administration.

UNIT II

Institutional framework for land governance – structure of existing institutional frameworks for land governance in the country and the other parts of the world – the legal, policy, and institutional framework of land governance – Institutional aspects of Land and Resource tenure – Institutional frameworks for the governance of Urban areas and rural areas - Land information systems – changes in land tenure system in response to changes in demographic structure, urbanization, high levels of land development and legislative influence - land governance as a means supporting the global agenda of sustainable development – the spatial framework for land governance.

UNIT III

Land Governance – governance of land tenure, land value, land use and land development -- Linkages between land governance, institutional pluralism and land tenure - Land Management– Land management paradigms - global land management perspective; Land administration – purposes of land administration – operational components of land administration ; areas of land administration functions –land tenure – land value – land use – land development ; role of technology on land governance and land administration; capacity development for land administration – Land administration issues and challenges in developing world.

UNIT IV

An assessment of the existing legal frameworks for land governance in different parts of the world in response to societal, institutional and technological developments – advantages and drawbacks – barriers and constraint for the adoption of legal frameworks for land governance – Land governance and the management of related conflicts – challenges posed by policy and legal frameworks.

UNIT V

Land policies – types of land policies - recognition of centrality of land in development process - Objectives of land policies - Challenges to Comprehensive Land Policy Development - Appropriate Strategies for Land Policy Development - Land Policy Implementation – The Challenge of Land Policy Implementation - Common Impediments to Land Policy Implementation - Significance of land policies on good governance of land, sustainable growth, provision of opportunities for economic growth and alleviation of poverty - Necessary Steps for Effective Land Policy Implementation - Assessment of the Impact of Land Policy Implementation Processes – Linkages between Institutional framework for land governance and policies on land use

References:

1. Framework and guidelines on land policy in africa., AUC-ECA-AfDB Consortium, Addis Ababa, Ethiopia.2010
2. Klaus Deininger, Land Policies for Growth and Poverty Reduction - A World Bank policy research report, 26384.2003
3. R.S. Deshpandae,Current land policy issues in India- LandReform,Special Edition, FAO Publication.2003
4. Land Governance Assessment Framework - Implementation Manual, October 2, The World Bank.2013
5. Keith Clifford Bell., The Land Governance Assessment Framework (LGAF): Global Experience and Lessons Learned from the Philippines,Conference: Technical Workshop, Raising Awareness on the Voluntary Guidelines on the Responsible. 2013
6. Governance of Tenure of Land, Forestry and Fisheries in the Context of National Food Security (Guidelines), Bangkok, Thailand, August 13-15, 2013
7. Akbikesh., Central Asia performance review in land governance indices and assessment frameworks Mukhtarova, Nazarbayev Universit.2022
8. Z Hailu., Land Governance Assessment Framework Implementation in Ethiopia, World Bank, Washington. 2016
9. Shaibu Bala, Garba Saad, Al-Mubaiyedh., An assessment framework for public urban land management intervention, ‘ Land Use policy’, Vol. 16, issue 4, pp 193 – 286. 1999
10. Burns,Deinnger.Selod, Dalrymple., Implementing the Land Governance Assessment Framework, Congress 2010 Facing the Challenges - Building the Capacity Sydney, Australia, 11-16 April 2010
11. Alain de Janvry, Elisabeth Sadoulet., Access to Land reforms and Land policies, World Institute for Development Economic Research(WIDER). 2001
12. Klaus Deininger, Hina Binswanger.,The Evolution of the World Bank’s Land Policy: Principles, Experience, and Future Challenges; The World Bank Research Observer, Volume 14, Issue 2, Pages 247–276. 1999

E-Resource :

- https://sustainabledevelopment.un.org/content/documents/641Synthes.pis_report_Webdf
- <https://sustainabledevelopment.un.org/content/documents/Agenda21.pdf>
- <https://unhabitat.org/sites/default/files/download-manager-files/Land%20Governance%20A%20Review%20and%20Analysis.pdf>
- https://www.un.org/esa/dsd/dsd_aofw_wat/wat_pdfs/meetings/ws0109/4_1_Yang.pdf
- <https://www.fao.org/3/a1179e/a1179e00.pdf>(Good Governance in Land Tenure and Administration)
- https://www.coursera.org/learn/sustainable-agriculture?adgroupid=137976342650&adposition=&campaignid=18216928758&creativeid=630416489407&device=c&devicemodel=&gclid=Cj0KCQiA5NSdBhDfARIsALzs2ECeg6Sx4tatVuo8_GQGiEcyN4TVC9s70otFPBiD3MtAK7cRWGTgdsgaAmGnEALw_wcB&hide_mobile_promo=&isNewUser=true&keyword=&matchtype=&network=g&utm_campaign=B2C_INDIA_branded_FTCOF_courseraplus_arte&utm_content=B2C&utm_medium=sem&utm_source=gg(Sustainable Agricultural Land Management)

E-Content URL:

- https://www.youtube.com/watch?v=gmNh_E-TLE0 (Dispute settlement under the WTO (LAW))
- <https://www.youtube.com/watch?v=ZtOMhdIo6ro> (Land Use Planning I: Management and National Policies)

University of Kerala

Master of Business Administration Syllabus Semester 4:

IV SEMESTER:

Core Paper

MGT 541 STRATEGIC MANAGEMENT

ELECTIVE 6

ELECTIVE 7

ELECTIVE 8

Elective List

RURAL AND
URBAN
SETTLEMENT-
MANAGEMENT
AND PLANNING

TOOLS AND
TECHNOLOGIES
FOR LAND
MONITORING AND
MANAGEMENT

CLIMATE CHANGE,
VULNERABILITY
AND DISASTER
MANAGEMENT

LAND EVALUATION
AND SUITABILITY
ASSESSMENT FOR
LAND USE
PLANNING

STANDARD
OPERATING
PROCEDURES AND
STAKEHOLDER
INTEGRATION FOR
OPTIMAL LAND
GOVERNANCE

LAB COURSE-
GEO-INFORMATICS

MGT 541: STRATEGIC MANAGEMENT

Semester : IV
Course Code : MGT 541
Credit : 4
Course : STRATEGIC MANAGEMENT
Aim :

- To strategize in modern, complex organizations.
- To practice the theory for managing continuity and strategic change.
- To learn and understand from a strategic perspective.

Course Objective: Learn to use theory, methods, tools, and techniques associated with the process of strategic design and implementation.

Teaching Strategy:

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments

Study:	Lect:(L) Sem/(T) Total	Library/	Directed(DS)	Other:	Formal
Hours:	30	Tut: 5	Pract: 10	Study: 50	5 Exams: 2 100

Key Graduate Attributes								
Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	√	√	√	√	√	√

Course Outcomes:

c) Knowledge-

- The theoretical perspectives of authors who have been key influences in the field of management and strategy (e.g.Prahalad, Porter, Mintzberg).
- differences in the way that social, political, economic, technical, and environmental factors affect business activity across different cultures and society.
- sources of key information, data, and opinion in relation to international business across multiple contexts of operation.
- scenario planning as a method for analyzing complex ambiguous contexts. the
- language of strategic analysis including that rooted in Business Economics.
- Use alternative theoretical conceptualizations of power to understand and manage organizational change.
- Appreciate the complexity associated with managing across organizational boundaries.
- Work with contradictory notions of managerial best practice.

d) Skills-

- Interpretative: Consider the factors of globalization and localization in relation to contexts of business.
- Analytical:Analyse an organization's competitive position, isolate the key organizational competencies, and develop and evaluate business options in light of these.
- Analyse an organization's resource base to reveal rent generating competencies within the current strategic portfolio.
- Evaluative: Employ knowledge of the economics of supply and demand in identifying market forces that determine a firm's competitive position.
- Evaluate strategies adopted by organizations and relate these to competitive success.
- Understand and work with issues surrounding the effective management of strategic change.

Outline Syllabus:

UNIT I

Overview of Strategic Management – Business Policy and Strategic Management - Strategic Management Model – Porter’s Five Force Analysis-McKinsey 7S Framework- Exploring the Business Environment

UNIT II

Business Vision, Mission, Objectives – Characteristics of Mission Statement Types of Strategies – Integration strategies – Intensive strategies – Diversification strategies- Michael Porter Generic Strategies.- Strategy-Analysis and Evaluation

UNIT III

Strategic formulation: Environmental Analysis – External and industry analysis – Internal analysis-Strategic analysis and choice – Input stage –Matching stage – decision stage – Cultural aspects of strategy choice- Making Strategy

UNIT IV

Strategic Implementation: The nature of strategic implementation- Resource allocation – Strategy and structure – Creating supportive culture – Implementing strategies in functional areas

UNIT V

Strategic Issue Exploration- Strategy Evaluation: The nature of strategy evaluation – Review and Control – Characteristics of effective evaluation systems – Criteria for strategy control –Mechanism for strategic control

References

1. Werther, Jr, W.B. and Chandler, D. (2020) Strategic Management and CSR Strategic Corporate Social Responsibility: Stakeholders in a Global Environment, New York, Sage 2020
2. Bhattacharyya, D.K. (2017). HR Analytics Understanding Theories and Applications. New Delhi, Sage Publications.

3. Thomas, J. (2015). Strategic Management-Text and Cases, New Delhi, Pearson
4. Hill, CW.L. Schilling ,M.A.and Jones, G.R. (2016). Strategic Management.Boston, Cengage Learning.

Additional Reading

1. Srinivasan. (2014).Strategic management: The Indian context, New Delhi, Prentice Hall of India
2. Azhar Kazmi (1992). Strategic Management. New Delhi, Tata McGraw Hill

MGTLG08- RURAL AND URBAN SETTLEMENT- MANAGEMENT AND PLANNING

Semester: IV

Module title: Rural and Urban Settlement- Management and Planning

Credit: 3

CODE: MGTLG08

Module Type: Single

Module Aim(s): This course aims at facilitating the student to understand the evolution, development, issues and management of human settlements with special reference to urban settlement planning and development.

Course Objectives •

- To acquaint the students to the conceptual process of human settlements environment.
- To understand a broad range of issues that urban settlements face today.

Teaching Strategy

Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.

Hour Distribution

Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Comp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:

Knowledge	<ul style="list-style-type: none"> • Understand a broad range of issues that urban settlements face today. • Describe the concept of Sustainable Urban Development and Management • Knowledge in the conceptual process of human settlements environment.
Skills	<ul style="list-style-type: none"> • Applying urban development and management strategies. • better understanding in Urban Policy and Planning
General Competencies	<ul style="list-style-type: none"> • Ability evaluate the policies and interventions aimed at sustainable urban environment development and management strategies

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT – 1

Evolution of Settlements in the World: Emergence of Village Settlements - Origin and Growth of Towns; Basic and Non-Basic Concepts in Settlement formation - effects of technology on shelter and pattern from Neolithic to modern periods; Urban Transformations in Historical Contexts: Early cities to industrial cities, cities in the world system and global cities, colonial and post-colonial cities.

UNIT - II

Concept of urban development and management; – Process of urbanization – factors of urban growth. Urbanization trends, patterns; challenges in developing world - Urban Issues and Component, Building orientation, NGT guidelines and legal compliances and Regulations.

UNIT III

Urban Policy and Planning: Goals of Urban Planning; Nature of Urban Policy; Neighbourhoods in Planning; - Urban land use planning; water supply and sanitation; housing and traffic - Urban Renewal and Its Aftermath; Role of NGOs in Planning; Urban Social Movements; Urban Architecture; Social Construction of Urban Landscape; Neighbourhood Planning - disaster management for urban settlements.

UNIT IV

Cities in Global Economy: Globalization and cities; emergence of new economy-information communication technologies (ICTs) and informal sectors; Gentrification and social exclusion – Urban Management and Governance; Role of Urban Development Bodies and Local Bodies in Urban Development; Good Urban Governance and Indicators; Smart Cities; Liveable Cities and Urban Governance.

UNIT V

Sustainable Urban Development and Management: Integrated infrastructure development planning; Management towards sustainable cities; Government programmes and policies. Future of Global Cities: Sustaining new ways of living and ideas of green cities; Global terrorism, violence, loneliness and homelessness and public policy; Smart cities, Town Planning.

References:

1. Atkinson, A. et. al., The Challenges of Environmental Management in Urban Areas, Ashgate Pub. Co., Sydney. 1999
2. Bourne, L. (Ed.), Internal structure of the city. New York: Oxford University Press. 1982
3. Gallion, A.B., Eisner, S., and Stoner, A., The urban pattern: city planning and design. New York. 1963
4. Douglas. I., The Urban Environment, Edward Arnold, Maryland, USA. 1983
5. Friedmann, J., Where we stand: A Decade of World City Research, In. 1995
6. Gilbert, R., Stevenson, G. H. and Stren, R., Making Cities Work, Earthscan Publications, London. 1996
7. Hardoy, J. E., Mitlin, D. Satterthwaite, D., Environmental Problems in Third World Cities, Earthscan, Great Britain. 1992
8. Joss, Simon., Sustainable Cities: Governing for Urban Innovation, Palgrave, London. 2015
9. Kaiser, E.J., Godschalk, D.R. Chapin., F.S., Urban land use planning. Urbana: University of Illinois Press. 1995
10. Kundu, A., In the Name of Urban Poor: Access to Basic Amenities, Sage, Delhi, 1993
11. Knox P. L. and P. Taylor (eds) World Cities in a World-system. 21-47. Cambridge University Press, Cambridge. 1995
12. Maitra, A. K., Urban Environment in Crisis, New Age International Publishers, New Delhi, 2000
13. Murray, Robin, Zero Waste, Greenpeace Environmental Trust, London. 2002
14. Newman, P., The Environmental Impacts of Cities, Environment and Urbanization, 18: 275, 2002
15. Pugh, C., Sustainability, the Environment and Urbanization, Earthscan Publications, London. 1996
16. Ramchandran, R., Urbanization and urban systems in India. Oxford: Oxford University Press. 1997
17. Roberts, P., Ravetz, J. and George, C., Environment and the City. Routledge, London. 2009
18. Singh, R.B. (ed) . Sustainable Urban Development, Concept Publishing Company, New Delhi. 2006
19. Singh, R. B. (ed) ., Urban Development Challenges, Risks and Resilience in Asian Mega Cities, Springer, Japan. 2015
20. Sivaramakrishnan, K.C., Problems of Governance in South Asia, Centre for Policy Research, New Delhi. 2001
21. Sundaram, K.V., Urban and regional planning in India. New Delhi: South Asia Books. 1977
22. Timothy, B., Sustainable Urban Development, Routledge, London. 2009

23. Van Nostrand. Hall, P.G., Cities of tomorrow: an intellectual history of urban planning and design in the twentieth century. New Jersey: Wiley Blackwell. 1997

24. Wheeler, S.M. and Beatley, T., The Sustainable Urban Development, Routhledge, New York. 2014

White, R., Urban Environmental Management, Routledge, London 1994

E-Resource :

- https://onlinecourses.nptel.ac.in/noc21_ar12/preview(Introduction to Urban Planning)
- https://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000033SO/P000293/M015142/ET/14603731386ET.pdf
- <https://archive.nptel.ac.in/courses/124/107/124107158/>(Introduction to Urban Planning)
- http://www.indiaenvironmentportal.org.in/files/basudha_paper.pdf
- https://www.researchgate.net/publication/341315370_Information_and_Communication_Technology_ICT_as_a_source_of_development_of_states_and_regions_in_the_age_of_globalization

E-Content URL:

- <https://www.youtube.com/watch?v=KIoKen7nKbU>(Urban land use planning)
- <https://www.youtube.com/watch?v=p9Iubvu6DHY>(Evolution of settlement)
- <https://www.youtube.com/watch?v=KGHJxZvIbiU>(Evolution of settlement)
- <https://www.youtube.com/watch?v=BYz9jbrQ4G0>(Urban Sustainability)
- <https://www.youtube.com/watch?v=1Qg1HSPZgW4>(Urban Planning)

MGTLG 09- TOOLS AND TECHNIQUES FOR LAND MONITORING AND MANAGEMENT

Semester: IV Module title: Tools and Techniques for Land Monitoring and Management Credit: 3	CODE: MGTLG09 Module Type: Single
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Module Aim(s): This course is designed to provide students the relevance of Remote Sensing, GIS and GPS in land evaluation and land management.

Course Objectives

- To understand the relevance of Geomatics as a tool for land evaluation.
- To know the applications of Remote Sensing, GIS and GPS in land evaluation
- To familiarize with the software available for analysis and modeling.

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:	
Knowledge	<ul style="list-style-type: none"> • Learn the basics of remote sensing and recent trends in remote sensing • Introduce GIS and basic analyses • Understand the fundamentals of GPS and various GPS survey methods
Skills	<ul style="list-style-type: none"> • Ability Prepare land use, and land cover maps • Using of GIS software for land use management practices • Capability to use of GPS and various GPS survey methods
General Competencies	<ul style="list-style-type: none"> • Ability to use remote sensing, GIS, and GPS as a tool for improved land management practises

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Remote sensing an overview - Photogrammetry — Monitoring of, land and water resources - LANDSAT, SPOT, ERS, IKONOS and others, Indian Space Programme. Fundamentals of processing and analysis of remotely sensed data by Analog, Digital and hybrid systems and the equipment/software requirements, Digital analysis of CCTS, Supervised and unsupervised classification techniques. Satellite Data analysis, Visual interpretation, Digital image processing, Image preprocessing, Image enhancement, Data Merging. Indices; NDVI-SAVI-NDWI-EVI Recent Trends in Remote Sensing; LIDAR-Drone Mapping- Hyperspectral Remote Sensing.

UNIT II

Basic components of GIS, Map projections and co-ordinate system, Spatial data structure: raster, vector, Spatial Relationship, Topology, Geo-database models: hierarchical, network, relational, object oriented models, Integrated GIS database, common sources of error, Data quality: Macro, Micro and Usage level components, Meta data, Spatial data. Thematic mapping – Measurement in GIS: length, perimeter and areas, Query analysis, Reclassification, Buffering, Neighborhood functions, Map overlay: vector and raster overlay – Interpolation, Network analysis, Digital elevation modelling. Analytical Hierarchy Process, Object oriented GIS – AM/FM/GIS – Web Based GIS

UNIT III

Total station Survey - Introduction to GPS, Transit, NAVSTAR GPS, IRNSS, GLONASS, GALILEO; GPS segments space, control and user, GPS codes- C/A, P, GPS receivers, GPS Survey Methods- static vs kinematic, single point vs relative positioning, GPS Applications in Land evaluation .

UNIT IV

Land Use Land Cover mapping - land use and land cover classification from remotely sensed data; vegetation indices, supervised and unsupervised classification - Preparation of Land Information Systems (LIS) using capabilities in Geomatics - Census, wetland mapping, land/soil degradation mapping, desertification mapping, soil quality, moisture, conservation measures, soil erosion and deposition modeling, land capability maps, land/soil irrigability mapping – Land suitability mapping

UNIT V

Agro-climatic zonation, site suitability for agricultural and horticulture crops, crop acreage estimation, RS based yield model, crop norm violation, RS basis for crop insurance claim, damage assessment due to cyclone, drought, flood and forewarning, crop stress detection, precision agriculture.

References:

1. ArcGIS 10.1 Manuals, ESRI. 2013
2. Jenson J R., Remote sensing of the Environment, Pearson Education Pvt. Ltd, Delhi. 2014
3. Aronoff S., Geographic Information Systems: A Management Perspective, WDL Publications. 1989
4. Manual of Remote Sensing. Volumes I & II. Second Edition, ASPRS. 1983
5. Burrough, P.A., Principles of GIS for Land Resource Assessment, Oxford Publications, 2005
6. Chrisman N R., Exploring Geographic Information System, Wiley, 2001
7. Charles Elach & Jakob van Zyl., Introduction to the physics and techniques of Remote Sensing, John Wiley & Sons publications. 2006
8. Christian Matzler, Thermal microwave radiation: Applications for remote sensing, The Institution of Engineering and Technology, London. 2006
9. Fraser, Taylor D R., Geographic Information Systems, Pergamon. 2013
10. Ian Heywood et.al, An Introduction to Geographical Information System, Pearson Education Private Limited, Delhi. 2002
11. James B Campbell and Randolph H W., Introduction to Remote Sensing, Guilford Press, New York. 2011
12. Kang Tsung Chang., Introduction to Geographic Information Systems, Tata Mc Graw Hill Publishing Company Ltd, New Delhi. 2008
13. Lillesand T M, Kiefer R W, J W Chipman., Remote sensing and Image Interpretation, John Wiley, New Delhi. 2008
14. Loo C P, Albert K W Y., Concepts and Techniques of Geographic Information Systems, Prentice Hall of India, New Delhi. 2004
15. Marble, D.F & Calkins, H.W., Basic Readings in Geographic Information System, Spad System Ltd. 1990
16. Marcus Borengasser, William S. Hungate, Russell Watkins., Hypersectral Remote sensing – Principles and Applications. Routededge. 2008
17. Tereshenkov, A., Web GIS Application in Local Government, VDM Verlag .2009

E-Resource:

- <https://archive.nptel.ac.in/courses/121/107/121107009>(Introduction to Remote Sensing)
- <https://nptel.ac.in/courses/105107155>(Introduction to Geographic Information Systems,)
- <https://nptel.ac.in/courses/105107158>(Digital Land Surveying And Mapping(DLS&M))
- https://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000017GE/P001789/M025466/ET/1512709815Agro-climaticzones_e-text.pdf

E-Content URL:

- <https://www.youtube.com/watch?v=irKzEuYfSNo>(Land Use and Land Cover Classification)
- https://www.youtube.com/watch?v=iqqDZv6Mguk&list=PL_a1TI5CC9REYXQHavDhcrbqx7e6ssvS(Principles of Remote Sensing)
- <https://www.youtube.com/watch?v=7NHTRzCdXuI>(Remote Sensing Platforms and Sensors)
- <https://www.youtube.com/watch?v=85KYDqXpd1c>(LIDAR Basic Principles and Applications)
- https://www.youtube.com/watch?v=Iu9vrE48_I4(GPS Surveying -Various methods)
- <https://www.youtube.com/watch?v=cqEJvhMG-SE>(Applications of Remote Sensing and GIS in Land Resource Management)

MGTLG10 -CLIMATE CHANGE, VULNERABILITY AND DISASTER MANAGEMENT

Semester: IV Module title: Climate Change, Vulnerability and Disaster Management Credit: 3					CODE: MGTLG10 Module Type: Single		
Module Aim(s): This course aims at facilitating the students to provide the concepts of climate change and disaster management							
Course Objectives <ul style="list-style-type: none">• Learn the concepts of sensitivity, adaptation and vulnerability in the context of climate change• Understand the different concepts, policies, institutions and legal frameworks of disaster management							
Teaching Strategy		Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.					
Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100
Course Outcomes:							
Knowledge		<ul style="list-style-type: none">• Understand the basics of climate change and its impacts• Analyze the mitigation strategies to combat carbon emissions and climate change• Discuss the different types of hazards and their characteristics• Learn policies, institutions and legal frameworks of disaster management					
Skills		<ul style="list-style-type: none">• Ability to understand the preventative measure taken during a disasters induced by Climate change.• Ability to identify the different types of Climate change Hazards.					
General Competencies		<ul style="list-style-type: none">• The capability to predict climate change disasters, develop disaster risk reduction strategies, and put them into action.					
Key Graduate Attributes							

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Climate change and global warming: definitions of terms; causes of climate change and global warming; greenhouse gases, ozone depletion; Impacts of climate change on various systems: impacts resulting from projected changes on agriculture and food security; hydrology and water resources; terrestrial and freshwater ecosystems; coastal zones and marine ecosystems; human health; human settlements, energy, and industry; insurance and other financial services; loss of biodiversity, Rehabilitation.

UNIT II

Sensitivity, adaptation and vulnerability: system's sensitivity, adaptive capacity and vulnerability to climate change and extreme weather events; regional scenarios of climate change and variability

UNIT III

Mitigation strategies for sustainable development: international policies, protocols, treaties for reduction in greenhouse gases and carbon emissions; carbon sequestration; carbon credit; clean development mechanism (CDM) and land use

UNIT IV

Natural Disasters - Meaning and nature of natural disasters, their types and effects. Floods, drought, cyclone, earthquakes, landslides, avalanches, volcanic eruptions, Heat and cold waves, Climatic change: Global warming, Sea level rise, Ozone depletion. Man Made Disasters- Nuclear disasters, chemical disasters, biological disasters, building fire, coal fire, forest fire. oil fire, air pollution, water pollution, deforestation, Industrial wastewater pollution, road accidents, rail accidents, air accidents, sea accidents.

UNIT V

Disaster Management- Efforts to mitigate natural disasters at national and global levels. International strategy for disaster reduction. Concept of disaster management, national and International disaster management framework; financial arrangements; Armed forces in disaster response; Disaster response: Police and other organizations

References:

1. Gupta, H. K. (Ed.), Disaster Management. Indian National Science Academy. Orient Blackswan.2003
2. Hodgkinson, P. E. and Stewart, M., Coping with Catastrophe: A Handbook of Disaster Management. Routledge.1991
3. Jepma, C. J. and Munasinghe, M., Climate Change Policy: Facts, Issues and Analysis. Cambridge University Press, UK, 331p.1998
4. Mintzer, I. M. (Ed.), Confronting Climate Change: Risks, Implications and Responses. Cambridge University Press, UK, 382p.1992
5. Parry, M., Canziani, O., Palutikof, J., van der Linden, P., and Hanson, C. (Eds), Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of IPCC, Cambridge University Press, UK, 987p.2007
6. Sharma, V. K., Disaster Management. Scientific International Pvt. Ltd., New Delhi . 2001
7. Sinha, S. K.. Dictionary of Global Climate Change. Commonwealth Publ.,1998
8. Stewart, R. B., Clean Development Mechanism: Building International Public. 2000
9. Watson, R. T. (Ed), Climate Change 2001: Synthesis Report. Contribution of Working Groups I, II and III to the Third Assessment Report of IPCC, Cambridge University Press, UK,409p.2001
10. Private Partnership under Kyoto Protocol: Technical, Financial and Institutional Issues. UNCTAD, International Working Group on the Clean Development Mechanism, UNEP, 101p. 2003

E-Resource :

- <https://elearning.fao.org/course/view.php?id=435>(Climate- smart soil and Land management)
- https://onlinecourses.swayam2.ac.in/nou21_ge37/preview(Introduction to Climate Change)
- <https://dst.gov.in/sites/default/files/Full%20Report%20%281%29.p>
- <https://nptel.ac.in/courses/105104183>(Natural Hazards)
- <https://nptel.ac.in/courses/124107010>(Disaster Recovery and Build Back Better)

E-Content URL:

- <https://www.youtube.com/watch?v=A1um6RZY5J4>(Need for sustainable Mitigation strategies)
- https://www.youtube.com/watch?v=R_MjayGG4FY(Sustainable management of soil fertility to mitigate climate change)
- <https://www.youtube.com/watch?v=CLC8VcgX5YI>(Sustainability and Sustainable Development)
- <https://www.youtube.com/watch?v=62HrmThzIiw>(Natural Hazards and Disasters)
- <https://www.youtube.com/watch?v=1em0tp8knVo>(Disaster and Disaster Management)
- <https://www.youtube.com/watch?v=syGKxtiO3yo>(Disaster Risk Reduction for Natural Hazards)

MGTLG11- LAND EVALUATION AND LAND SUITABILITY ASSESSMENT FOR LAND USE PLANNING

Semester: IV Module title: Land Evaluation and Land Suitability Assessment for Land Use Planning Credit: 3	CODE: MGTLG11 Module Type: Single
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Module Aim(s): This course designed to provide an understanding on land evaluation methods for land suitability assessment, capacity, land management zonation and planning.

Course Objectives

- To provide an understanding on land evaluation methods for land suitability assessment.
- To equip for supporting decision making on sustainable land use and management at various levels

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:	
Knowledge	<ul style="list-style-type: none"> • Learn some basic concepts about land evaluation and its sustainable management • Familiarise the fundamentals of land use classification and land management zonation • Understand the principles and application of land evaluation • Summarises different stages of land evaluation and land use planning
Skills	<ul style="list-style-type: none"> • Ability to conduct Assessment of land qualities • To provide Land use Planning and models • To Categorize land according to suitability and capability
General Competencies	<ul style="list-style-type: none"> • To Evaluate the Land according to their suitability and making decision on sustainable land Use practices.

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Basic concepts: Land –Attributes of land – Land and Landscape – Landscape Analysis and Landscape Ecology - Functions of the land and Limiting factors (limitations) - Environmental concerns - Sustainable Land Management

UNIT II

Land use systems, land utilization types; land use classifications – rural and urban land uses and land use patterns, Municipal Lands and Open Spaces in Cities and Town, Agriculture and Forest Land Management, Recreational Lands, Wetland Management. Major Kinds of Land Use and Land Utilization Types - Multiple and Compound Land Use - Kinds of land use and their requirements and limitations - Land management zonation to support decision making on land use. Land-use policies.

UNIT III

Principles of Land Evaluation - Logical basis of land evaluation - Aims of Land Evaluation - land evaluation for land use planning; Biophysical models of land evaluation, the FAO two-stage approach to land evaluation; other approaches to land capability and suitability classifications - assessment of land qualities - Agro-Ecological Zonation - Land Evaluation and Land Use Planning - Principles of Land evaluation –Approaches for Land Evaluation – Tools for land evaluation - Land evaluation and land use planning .

UNIT IV

Land Evaluation Procedures - Planning the Evaluation - Initial consultations for Land Evaluation - Objectives for Land evaluation, Analytical parameters for Land evaluation - Data and Assumptions underlying the Evaluation - Data set requirements for land evaluation - Spatial database and Socio-Economic Data for Land Evaluation –land resource surveys – Environmental characterization - Criteria for land units in land evaluation - assessment of land qualities.

UNIT V

Land suitability and land capability - Structure of the suitability classification - Land Suitability Classes - Land Suitability Units - Qualitative and Quantitative Classifications. Description of Kinds of Land Use - Identification of Requirements of the Use and Limitations - Description of land mapping units and land qualities - Matching of Land Use with Land - Estimation of Benefits and Inputs - Assessment of Environmental Impact - Economic and social analysis - Case studies on Land suitability classification.

References:

1. Aggarwal PK, Roetter RP, Kalra N, Van Keulen H, Hoanh CT, Van Laar., Land Use Analysis and Planning for sustainable Food Security: with an Illustration for Haryana, India .New Delhi IARI, Los Bonos IRRI, Wageningen WURC. Pp 167. 2001
2. Anaman, T. & Krishnamra, S., Integrating land evaluation and farming systems 3) analysis for land use planning using a relational database. ITC Journal 4: 332–337.1994
3. FAO., A framework for land evaluation. Soils Bull. 32, Food and Agriculture Organization of the United Nations, Rome, Italy.1976
4. FAO., Guidelines: Land evaluation of rained Agriculture. Soil Bull. 52, FAO Rome AEZ – Agro-ecological Regions of India Tech. Bull NBSS Publ. 24.1983
5. FAO., Land evaluation Towards a Revised Framework, Land and water discussion paper 6,FAO Rome.2007
6. Klingbiel AA and Montgomery PH., Land Capability Classification, USDA Agric. Handbook 210, pp16.1961
7. Mukhtar Elaalem, Alexis Comber and Pete Fisher., Land Evaluation Techniques Comparing Fuzzy AHP with TOPSIS methods. 13th AGILE International Conference on Geographic Information Science, Guimaraes, Portugal, pp1- 8.2010
8. Vink APA., Land use in advancing agriculture. Springer, Berlin, Heidelberg, New York.1975

E-Resource :

- <https://www.fao.org/land-water/land/sustainable-land-management/en/>(Sustainable Land Management)
- <https://elearning.fao.org/course/view.php?id=454>(Sustainable land management and Restoration)
- <https://elearning.fao.org/course/view.php?id=703>(Introduction to Forest and Landscape Restoration)
- https://www.fao.org/fileadmin/templates/cpesap/CRESAP_Info_package/Links/Module_5/Land_ev_and_LUP.pdf
- https://krishi.icar.gov.in/jspui/bitstream/123456789/56300/1/Chapter_10_B_Full_PDF_Land_Evaluation.pdf
- <https://repository.up.ac.za/bitstream/handle/2263/28765/03chapter3.pdf?sequence=4&isAllowed=y>
- <https://www.jstor.org/stable/pdf/resrep18107.9.pdf>

E-Content URL:

- https://www.youtube.com/watch?v=-TVm_deu16c&t=1498s(Urban Land Management)
- <https://www.youtube.com/watch?v=XgPrZhgTnsI>(Land Capability)
- https://www.youtube.com/watch?v=fTRLb_7FX-E(Improving Land Capability)
- <https://www.youtube.com/watch?v=wP7dN1X7IE&t=1633s>(Land Use Planning and Zoning)

MGTLG 12- STANDARD OPERATING PROCEDURES AND STAKEHOLDER INTEGRATION FOR OPTIMAL LAND GOVERNANCE

Semester: IV Module title: Standard Operating Procedures and Stakeholder Integration for Optimal Land Governance Credit: 3	CODE: MGTLG12 Module Type: Single
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Module Aim(s): This course is to design to impart a general understanding to the participants about the commonly adopted procedures in land governance and the stakeholders involved in delivery of the responsibilities attached to each and every procedures.

Course Objectives

- Understand land administration systems and the tools for establishing ownership and rights on land
- Critical evaluation of different land governance systems in the world

Teaching Strategy	Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.
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Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Co mp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100

Course Outcomes:	
Knowledge	<ul style="list-style-type: none"> • Learn the History of Land Administration • Learn the state owned machineries in land administration prevails in India and selected other nations.
Skills	<ul style="list-style-type: none"> • Ability to evaluate land administration systems • Analyse the common land governance procedures adopted across the world
General Competencies	<ul style="list-style-type: none"> • Critically evaluate the tools for establishing ownership and rights on land in India and the world

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

History of Land Administration – Old systems of land administration in India and elsewhere-the evolution of land administration as a tool for establishing ownership and rights on land- The Monarchs as State and democratic governments as State.

UNIT II

State owned machineries in land administration – the Concept of Constitution – Laws on Land- Union List/State List/ Concurrent List of Constitution respect to land – Powers of Government to enact laws on land – constitution obligation of Federal Status of India, America, South Africa and Antarctica.

UNIT III

Common land governance procedures adopted across the world – Granting of titles- Granting of rights – Granting of Common Laws of the various countries and India.

UNIT IV

Ideal Land Governance Systems of the world – American Systems of Public and Private Property Management – Arabian System of Public and Private Property Management – British System of Public and Private Management - Indian System of Public and Private Property Management – Comparative analysis of different systems of management – Advantages and disadvantages of different systems of land management.

References:

1. Enemark, S., Rajabifard, A., Williamson, I. P., Wallace, J., Land Administration for Sustainable Development. United States, ESRI Press Academic.2010
2. H. Baden-Powell, B.,. The Land Systems of British India: Being a Manual of the Land-tenures and of the Systems of Land-revenue Administration Prevalent in the Several Provinces (Volume I). India: Alpha Editions.2020

3. Wilkinson, G. K., The Role of Legislation in Land Use Planning for Developing Countries. Italy: Food and Agriculture Organization of the United Nations.1985
4. Grover, R., Good Governance in Land Tenure and Administration. Italy: Food and Agriculture Organization of the United Nations.2007
- 5.Land Management: Potential, Problems and Stumbling Blocks., Germany: vdf, Hochsch.-Verlag an der ETH. 2013

E-Resource :

- <https://open.alberta.ca/dataset/1666386c-044e-4a0f-8c96-9fe6d7a51903/resource/0eb1ee4a-2a01-4c10-b204-a3a57123949c/download/2010-stakeholderengagementsupportilm-2010.pdf>
- <https://www.fao.org/3/a1179e/a1179e00.pdf>
- https://unhabitat.org/sites/default/files/2022/11/land_governance_natural_resources_and_climate_change_in_the_arab_region_brief_en.pdf
- <https://landportal.org/file/29310/download>
- <https://www.jstor.org/stable/41133052>

E-Content URL:

- <https://www.youtube.com/watch?v=ZtOMhdIo6ro>(Land Use Planning I: Management and National Policies)
- <https://www.youtube.com/watch?v=rZnCnFdbLHg>(Land Acquisition Act)
- <https://www.youtube.com/watch?v=fed36kdoRlw> (Public-Private Partnership for Infrastructure - Case Studies)
- <https://www.youtube.com/watch?v=nsz8JtoCwxE>(Public Private Partnerships: Law and Policy in India)

MGTLG 13- LAB COURSE – GEO-INFORMATICS

Semester: IV Module title: Lab course- Geo-Informatics Credit: 3					CODE: MGTLG13 Module Type: Single		
Module Aim(s): This course aims to provide the students with practical knowledge in GIS and Remote Sensing and their application in Land Governance Course Objectives <ul style="list-style-type: none">● To recognize the importance of geomatics as a means of assessing land● To become familiar with the programmes available for modeling and analysis, such as Remote Sensing, GIS, and GPS in land evaluation.							
Teaching Strategy		Lecture Sessions will be supplemented by project based (tutorial) assignments. Feedback will be given orally during tutorials. Written feedback is given for both individual and group assignments.					
Hour Distribution							
Study:	Lect:(L)	Sem/(T)	Library	Directed(D S)	Other:(Comp.lab)	Formal	Total
Hours:	30	Tut: 5	Pract: 10	Study: 50	Computer lab: 5	Exams: 2	100
Course Outcomes:							
Knowledge		<ul style="list-style-type: none">● Acquire skills to use GIS in creating the spatial database● Create knowledge in remote sensing data handling● Develop skills to perform different spatial analysis techniques.● Get trained in using different mapping tools.					
Skills		<ul style="list-style-type: none">● Skills to use GIS in creating the spatial database● Apply GIS and Remote Sensing tools in Land Governance					
General Competencies		<ul style="list-style-type: none">● Understand about how to use remote sensing, GIS, and processing data for land management.					
Key Graduate Attributes							

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

UNIT DETAILS

UNIT 1

Spatial database creation- Google Earth, QGIS-Software Demonstration-Data Importing and Visualization, Georeferencing of Toposheet, Digitization, Editing Vector Data, Attribute Data Management, Checking Data Quality

UNIT II

Remote sensing data handling- Geometric Correction, Image Enhancement, Image Transformation, Aerial Photo Interpretation, Visual Image Interpretation, Digital Image Processing – Image Classification (Unsupervised), Image Classification (Supervised), Ground Truthing, and Accuracy Assessment.

UNIT III

Spatial analysis- Geometric Measurements, Query and Retrieval, Proximity Analysis, Overlay Analysis, Topographic Analysis, DEM Generation, Change Analysis, Spatial Interpolation, Hotspot Analysis, Map Composition,

UNIT IV

Mapping tools-GPS/DGPS Survey, Cadastral Survey- ETS, RTK, Level Survey -Auto Level, Mobile GIS -Web GIS

UNIT V

Application of geo-informatics- Land use / Land Cover Mapping, Land Suitability and Capability Evaluation, Terrain Evaluation, Monitoring of Water Quality and Quantity, Calculation of Water Footprint, Water Balance, Water Budget, and Carbon Neutrality Assessment, Hazard-Vulnerability and Risk Mapping and Analysis - Geological-Water& Climate related- CBRN& Accidents.

References:

1. Longley, Paul A., Michael F. Goodchild. Geographic Information Systems and Science. John Wiley & Sons, 2010. ISBN: 047087001X
2. O'Sullivan, D. and D. Unwin. Geographic Information Analysis. John Wiley & Sons, 2003.

3.P.K Garg., Surveying and Geomatics.All India Council for Technical Education (AICTE), New Delhi,2022. ISBN : 978-81-959863-7-8

4. Ramakant Agrawal., Parshottam Sarathe.Advanced Surveying: Theory and Practice. All India Council for Technical Education (AICTE), New Delhi, 2022.ISBN : 978-81-959863-3-0

5. Wim H. Bakker., Wim Feringa.Principles of Remote sensing. The International Institute for Geo-Information Science and Earth Observation (ITC), Netherlands. 2009

6.Survey of India notes on RTK and CORS
<https://www.surveyofindia.gov.in/webroot/UserFiles/files/Note%20on%20RTK%20and%20CORS.pdf>

E-Resource:

- https://www.mcgill.ca/cariwin/files/cariwin/day06_lyewayee_gis_water_resources_ii.pdf
- <https://mgimond.github.io/Spatial/introGIS.html>
- <https://ocw.tudelft.nl/courses/spatial-tools-in-waterresourcesmanagement/?view=lectures>
- <https://www.powershow.com/view/264197->
- [YWNiZ/Applications of GIS to Water Resources Engineering powerpoint ppt presentation](#)
- https://static1.squarespace.com/static/5eb18d627d53aa0e85b60c65/t/5eea1a53fcebef2ab3d56041/1592400480971/Prof-Nagesh-Kumar-RS_GIS_WRA.pdf
- <https://archive.nptel.ac.in/courses/121/107/121107009>(Introduction to Remote Sensing)
- <https://nptel.ac.in/courses/105107155>(Introduction to Geographic Information Systems,)
- <https://nptel.ac.in/courses/105107158>(Digital Land Surveying and Mapping (DLS&M))
- <https://skillsforafrica.org/course/67>
- <https://fdc-k.org/trainings/684/GIS-Application-in-Disaster-Risk-Reduction-Course/GIS/4561> <https://geog.ufl.edu/wp-content/uploads/sites/60/GIS6325-GIS-ANALYSIS-OF-HAZARD-VULNERABILITY-FALL-2020-ASH.pdf>
- <https://iopscience.iop.org/article/10.1088/1755-1315/622/1/012005/pdf>
- <https://in.coursera.org/specializations/gis-mapping-spatial-analysis>

E-Content URL:

- <https://www.youtube.com/watch?v=Nz9GX5mkzs> (Introduction to GIS)
- https://www.youtube.com/watch?v=iqqDZv6Mguk&list=PL_a1TI5CC9REYXQHaIvDhcrbqx7e6ssvS (Principles of Remote Sensing)
- https://www.youtube.com/watch?v=Za0slVqz_AFA (GIS Modeling 1)
- <https://www.youtube.com/watch?v=GYNvW2bLJKE> (Web Mapping &Web GIS)
- https://www.youtube.com/watch?v=Iu9vrE48_I4 (GPS Surveying -Various methods)
- <https://www.youtube.com/watch?v=cqEJvhMG-SE>(Applications of Remote Sensing and GIS in Land Resource Management)
- <https://www.youtube.com/watch?v=TCBpKvr3AI8&list=PL7mCX6pQ2k2N56bVHNZzmFWREqgXisPB>(Supervised classification using SCP for Q GIS)
- <https://www.youtube.com/watch?v=Ceyhm3DIZNY&list=PL7mCX6pQ2k2MPB69JMQfl6uTJgN-12LVk&index=2>(Land Cover Classification using the Semi-Automatic Classification Plugin version 7)

- <https://www.youtube.com/watch?v=3PoYtHdqFBk&list=PL7mCX6pQ2k2N56bVHNZzmFWREggXisPBO&index=2> (Supervised Classification for Flood Monitoring Using the Semi-Automatic Classification Plugin)

UNIVERSITY OF KERALA

MBA (LAND GOVERNANCE)

Guidelines for:

Mini Project/Internships

Summer Project

MOOC

Viva Voce

MGT 534 - INTERNSHIPS / MINI PROJECT

SEMESTER – 3

Course Title – INTERNSHIPS / MINI PROJECT CODE- MGT 534

Credit: 3

Module Type: Single

Module Aims:

From the student perspective, an internship assists with career development by providing real work experiences that provide students with opportunities to explore their interests and develop professional skills and competencies. During internships, students are provided with opportunities to apply what they learned in classes to actual practice. It is expected that students will also be challenged to examine how their attitudes, beliefs, and values influence the helping process.

From the organisation perspective, an internship provides a unique training experience designed to enhance the professional development and functioning of the student/supervisee. In accepting students as interns, the organisation representative recognizes that the internship is a learning process designed to promote professional growth of the supervisee.

Module objectives:

- Practical Learning - Enhances a student's academic, career, and personal development Career
- Exploration
- Leadership & Skill Development
- Networking and Establishing Mentors and References
- Resume Enhancement

Note:- Students pursuing MBA programme through the **distance education mode** will have to undertake a mini project in the place of internship.

Learning Strategy:**Guidelines for Internship**

Internship will be considered as a core course in the Third semester. Students are advised to opt for live assignments / real-world experience that enables them to put everything they've learned into action.

Internships may be paid or unpaid by the Organisation.

As part of the internship, a student will have work in an organisation for 30-45 days under a faculty as a supervisor and maintain a Log Book/Work Diary in which they will be making entries about the

daily work assigned to them. It is highly advisable that a student undergoes an internship in the area in which they are looking to build up a career (For e.g. Marketing, Sales, Advertising, HR, BSFI, Media, Tourism etc.)

Period of Study - Internships will be for a duration of Minimum Thirty (30) days and will be held during the months of April/May.

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and CrossCultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	✓	✓	√	√	•	• -

Learning Outcome from an Internship

Knowledge

- to gain first-hand exposure of working in the real world.
- to harness the skill, knowledge, and theoretical practice they learnt in the institute a nice
- learning curve for **students** with little experience of the professional world.

Skills

- Understand a variety of Communication techniques and Basic listening skills.
- Understanding ethical and legal issues related to Business
- Ability to collate data from assessments and reports and secondary sources
- Ability to gather information through primary sources.
- Awareness of how interpersonal and intrapersonal values and beliefs affect professional relationships.
- Understanding and ability to function in interdisciplinary teams.
- Learning to respond to supervision appropriately.

Generic Competency

- A good internship results in development of professional aptitude and strengthens personal character.
- It also provides a greater door to opportunity. By Doing an **internship**, candidates give themselves the broadest spectrum of opportunity when seeking and applying for a job after **college**.

Internship Evaluation

For Internships, 50 marks will be for internal evaluation and 50 marks will be for External evaluation. To pass the examination, Separate minimum of 50% is required for both internal and external evaluation /viva voce. Means the candidate have to score 25 marks separately for Internal evaluation and External evaluation to pass in the paper. The internal examination shall be conducted by a competent panel of examiners constituted by the respective institutes. ***It is advised to the institutes/ colleges to evaluate the student based on his learning.*** The external evaluation will be conducted by the examiners appointed by the University and the internal evaluation by a panel constituted by the college/institute. Students pursuing MBA programme through the **distance education mode** will have to undertake a mini project in the place of internship. The project should be application oriented based on a contemporary theme and should provide ample scope for applying the

knowledge acquired by the student in research methods and quantitative tools during the first two semesters. The criteria for evaluation are detailed below.

Evaluation Criteria for Internships - Regular Mode

External (By University)

Criteria	Marks
Relevance of the Internship Completed & Company Selected	10
Internship Viva	20
Final Report	20
Total Marks	50

Internal (By the Institute)

Criteria	Marks
Log Book	20
Internship Presentation	10
Internal Viva	20
Total Marks	50

Evaluation Criteria-Distance Education Mode Mini Project

External (By University)

Criteria	Marks
Final Report	25
Mini Project Viva	25
Total Marks	50

Internal (By IDE)

Criteria	Marks
Project Report	25
Presentation	25
Total Marks	50

MGT 542 - SUMMER PROJECT

SEMESTER – 4

Course Title - SUMMER PROJECTCODE- MGT 542

Credit: 3

Module Type: Single

Module Aims:

The Summer Project is fully linked with industry. Every student of the Programme would work under the mentorship of a corporate executive. The student would learn practical side of Management from the corporate mentor throughout the two months of study. It's an opportunity for the students to get exposed to the management concepts they have learned in the classrooms and practice the same through their corporate mentors..

Objectives

- To create an environment of interaction between academia and industry for mutual benefit, and to provide suitable placement opportunities for MBA students
- To encourage MBA students to conduct innovative, high-quality summer projects
- To provide a platform for nationwide exposure to high-quality summer projects
- Practical Learning - Enhances a student's academic, career, and personal development

Learning Strategy:

Summer Project will be considered as a core course in the Fourth Semester. Students are advised to opt for live assignments / real-world experience that enables them to put everything they've learned into action.. Summer projects can be paid / unpaid by the organisation. During the fourth semester, every student of MBA (Full-time/Evening/Distance Education) programme is required to undertake a project of a problem centered nature under the guidance and supervision of a member of the faculty and the report on the same has to be submitted before the commencement of the fourth semester university examination. The contact hours required for the completion of the project is notionally fixed at 160 hours distributed over a continuous period of two months. Students shall be deputed for the project work immediately after the completion of the fourth semester class work.

Period of Study - Summer Project will be for a duration of Minimum Sixty (60) days including Project preparation and submission and will be held during the months of April/May.

Key Graduate Attributes

Academic and professional Knowledge	Communication	Team Work and Leadership	IT Literacy	Global Perspective and Cross Cultural Adaptability	Critical and Analytical thinking	Social Responsibility and Ethics	Entrepreneurship Skills	Life - long Learning
√	√	√	✓	✓	√	√	•	• -

Learning Outcome from a Summer Project

Knowledge

- to gain hands on exposure of working in the real world.
- to harness the skill, knowledge, and theoretical practice they learnt in the institute a
- nice learning curve for **students** with little experience of the professional world.

Skills

- Apply broad technical and professional skills effectively within business arena
- Critically evaluate and apply sustainability principles to decisions in business contexts
- Apply critical thinking to address strategic business issues
- Communicate information clearly and fluently in oral and written form appropriate for stakeholders
- Critical thinking, creativity, and analytical skills

Generic Competency

- Business knowledge and concepts
- Business practice-oriented skills
- Communication and interpersonal skills
- Attitudes and values

Evaluation of the Summer Project

The project work report will be evaluated for 100 marks. There will be external evaluation for the project and report. The external evaluation for 150 marks will be conducted by examiners duly appointed by the University for the purpose. Out of the total 150 marks, 50 marks will be awarded for viva-voce and 100 marks for the report.

Guidelines for Final Project

General Format of the Summer Project Report

The report shall be printed and bound (preferably hard paper bound) with not less than 100 (A4 size) pages.

- Matter should be typed with Double line spacing
- Font Size should be 12 with style Times New Roman
- One Inch Margin should be left on Top and Bottom of the page, as well as Left and Right side of the typed pages.
- Both primary and secondary data may be used for the study
- Statistical tools should be used for data analysis in the appropriate context.
- The content of the Report should be sequenced as follows.

A. Preface Section:

- Title Page of the Report
- Declaration by the student
- Certificate from Supervisory Faculty counter Signed by Head of the Institution.
- Acknowledgement
- Chapter Content
- Table Content.
- Graph/ Chart/ Figure Content

B. Executive Summary / Abstract

C. Chapterisation

Chapter-I

Introduction (should contain specific area of study, statement of the Research Problem, Significance or Scope of the study, Objectives of the study, Hypothesis if any, Methodology (sample

design and size, data source, tools used for analysis etc) or case study, Chapter Scheme, limitations of the study.

Chapter-II

Review of related Literature -is a comprehensive summary of previous research on the topic of study. The **literature review** surveys scholarly articles, books, and other sources relevant to a particular area of research. The **review** should enumerate, describe, summarize, objectively evaluate and clarify this previous research. (Minimum 25 Reviews from Various Sectors) and identifying the Research Gap.

Chapter-III

Profile of the industry and Organization/Unit of Study – This section includes Industry Profile & Company Profile. **Industry profiles** are in-depth documents that give insight into an **industry**, where it came from, and where it appears to be going. A typical **report** looks at the **industry** leaders, forces affecting the **industry** and financial data for the **industry**. **Company Profile** - This report provides an expanded directory display for a business. This report can include sales and sales trend information, business size, expanded SIC and line of business details, key principals, and business URLs.

Chapter-IV

Data analysis and Interpretation -is the process of assigning meaning to the collected information and determining the conclusions, significance, and implications of the findings. **Analysis** involves estimating the values of unknown parameters of the population and testing of hypotheses for drawing inferences.

Chapter-V

Findings, recommendations and Conclusions - summarize the key *findings*, outcomes or information in your report; acknowledge limitations, Draw a conclusion to your report summarizing the study and then and make *recommendations* for future work (where applicable)

Bibliography - list of sources you referred to (Text Books/ Journals/ Web Sites) when writing the project and for conducting the study.

- Monson, C. M., Fredman, S. J., & Adair, K. C. (2008). Cognitive-behavioral conjoint therapy for posttraumatic stress disorder: Application to operation enduring and Iraqi freedom veterans. *Journal of Clinical Psychology*, 64, 958-971.

- Ginsberg, J. P., Ayers, E., Burriss, L., & Powell, D. A. (2008). Discriminative delay Pavlovian eyeblink conditioning in veterans with and without posttraumatic stress disorder. *Journal of Anxiety Disorders*, 22, 809-823.

Appendix

Appendices can **consist** of figures, tables, maps, photographs, raw data, computer programs, musical examples, interview questions, sample questionnaires / Schedules which you don't want to include along with the main content of your report

MGT 543 COMPREHENSIVE VIVA VOCE

Objective

The objective of **comprehensive viva-voce** is to assess the overall knowledge of the student in the relevant field of Management Engineering acquired over 4 semesters of study. The **viva** shall normally cover the subjects taught in all the semesters of MBA Programme or preferably based on the electives.

Evaluation

The comprehensive viva-voce carries 50 marks. The University will constitute a Board of Examiners for conducting both the project viva-voce and the comprehensive viva-voce. Students securing less than 25 marks in the comprehensive viva-voce will have to repeat the same during the next year. Such students will be given a total of three chances to clear the same.

A student has to compulsorily undertake 2 MOOC Courses, One in each year, through the SWAYAM/NPTEL platform and successfully clear the papers for the course thus selected and it should be in the area related to their specialization but with focus on employability. The institute shall recommend courses in the first year and the student shall be given opportunity to select a course in the second year, with the advice of his mentor or faculty. The students must compulsorily submit the certificates of MOOC courses that they have opted during the comprehensive viva-voce examination at the end of the fourth semester. If a student fails to undertake the courses or has successfully done only one course, they will not be permitted to appear for the Comprehensive Viva Voce Examination. The University will constitute a Board of Examiners for conducting the comprehensive viva-voce. Students securing less than 25 marks in the comprehensive viva-voce out of 50 & those who don't have the certificates of MOOC Courses will have to repeat the same during the next year. Such students will be given a total of three chances to clear the same.

Note

It's the student's responsibility to ensure that they register for the MOOC Course, they complete the MOOC course, they appear and pass the exams for the course they have enrolled and handover the certificate to the institute. The institute shall give charge of MOOC Courses to a faculty and ensure that students are joining for courses.

