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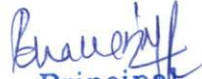
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1.3.1

Programme Wise Syllabus – Highlight Cross Cutting Issues.

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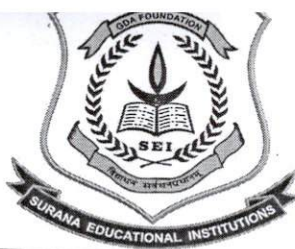
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Department of Tourism

Semester	Gender	Human Values	Professional Ethics	Environment & Sustainability
I (NEP Syllabus) Course 1: Fundamentals of Tourism Industry		* Impact of tourism on socio-culture		*Attractions -Nature based, Activities-Air based activities, water based activities, Land based activities * Impact of tourism on environment
I (NEP Syllabus) Course 2 : tourism geography				* Branches of Geography * Five Themes of Geography- Location, PLACE, Human- Environment interaction, Movement & Region


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- * Importance of Geography in Tourism
- * Geography of tourism in Karnataka -Physiography :Location, weather & Climate, Rivers, mountains, rainfall distribution , natural vegetation-with special reference to western ghats
- * Outstanding geographical features of India-climate ,waterbodies, flora & fauna, desert, islands and beaches
- * Mountain tourist resources with special reference to the Himalayas and other hill stations of India

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				<ul style="list-style-type: none">* Seasonal incidence-floods, draught, famine, causes & effects for tourist centres* Case studies on islands tourism with special reference to and a man & Nicobar islands , Lakshadweep , Case studies on beach tourism- Goa , Case studies on Hill tourism
II Sem (NEP Syllabus)		<ul style="list-style-type: none">* Fairs and festivals, social, religious and commercial. (Human Values)* Indian folklore culture - customs, costumes, settlement		<p>Natural Tourism Resources Natural Tourism Resource: National Parks, Biosphere Reserves and Wildlife Sanctuaries.</p> <p>Adventure Tourism Resources- Land Based, Water Based, Air Based Adventure Sports, Soft and Hard Adventure.</p>

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		patterns, religious observations, folklore and legends (Human Values)		
IV Sem Subject : Tourism Management			Customer Relationship Management, Public Relations & Communication for tourism managers	
V Sem Subject: Tourism in India		* Impact of tourism on socio-culture		*Impact of tourism on environment * Conservation & Management of places of tourist attraction
VI Sem Subject :	*Women Entrepreneurs			

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Entrepreneurship Development Program	*Problems Faced by women entrepreneur			
VI Sem Subject : Emerging Concepts for Tourism Effective Development				<ul style="list-style-type: none">• Wild Life Tourism In India, National & International Guidelines for wildlife tourism• Functions and Guidelines of Sustainable Tourism & Eco-tourism
VI Sem Subject :				<ul style="list-style-type: none">• Wild Life Tourism In India, National & International Guidelines for wildlife tourism• Functions and Guidelines of Sustainable Tourism & Eco-tourism

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Emerging Concepts
for Tourism Effective
Development

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Name of the Program: Bachelor of Arts (Tourism)

Course Code: DSCT1

Title of the Course: Fundamentals of Tourism Industry

Course Credits	No. of Hours per week	Total No. of Teaching Hours
3 Credits	3Hrs	42 Hrs

Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- To get an overview of the history and concepts of tourism
- To understand the various components of tourism
- To identify the emerging trends in tourism industry
- To grasp the various forms and types of tourism
- To be acquainted with the tourism Business
- To be familiarized with tourism in India

Syllabus



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Module No. 1: History and Concepts of Tourism (8 Hrs)

Meaning and Definition, Objectives, Historical development of Tourism, Nature and Significance of Tourism Industry. Concept of Tourist/ Visitor/ Traveller/ Excursionist. Forms and types of Tourism.

Module No. 2: Components of tourism industry (10 Hrs)

Five A's Framework of Tourism - Major Components- Accessibility- Types of Transportation, Air Transportation, Water Transportation, Rail Transportation, Road Transportation. Accommodation- Primary Accommodation- Secondary Accommodation. Attractions- Nature based, Manmade, symbiotic. Minor Components- Activities- Air based activities, Water based activities, and Land based activities. Amenities- Ancillary services.

Module No. 3: Impacts of Tourism (08 Hrs)

Positive and Negative Impacts of Tourism industry-Economical impacts, Environmental impacts, Socio- Cultural impacts, Political Impacts. Emerging trends in Tourism industry, The role of Technology in Tourism industry, Terrorism and Tourism.



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Module No. 4 – Tourism Business (08 Hrs)

Nature of Tourism business, segments of Tourism business, factors contributing growth of Tourism business, Push and Pull factors of tourism, new issues and challenges in Tourism business, steps taken by Indian Government, Future of Tourism business in India.

Module No. 5– Tourism in India (08 Hrs)

MOT, DOT-GOK, ITDC, KSTDC, JLR, Incredible India Campaign, Tourism Slogans and Punch lines of Indian states, Tourism development schemes in India and Karnataka. Latest tourism policies (National and State).



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Name of the Program: Bachelor of Arts (Tourism)

Course Code: DSCT2

Title of the Course: Tourism Geography

Course Credits	No. of Hours per week	Total No. of Teaching Hours
3 Credits	3Hrs	42 Hrs

Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography
- To equip the students with the Knowledge of Tourism geography
- To lay emphasis on the importance of geography in travel and tourism.
- To be familiar with major tourism destinations in India.
- To provide the concept and types of geography related to tourism in India.



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Syllabus

Module No. 1: Geography (08 Hrs)

Definition, Scope, Approaches, Branches of Geography, Five Themes of Geography- Location, Place, Human-Environment Interaction, Movement and Region. Importance of Geography in Tourism.

Module No. 2: Map Reading Skills (08 Hrs)

Latitude and Longitude, Knowledge of International Data Line, Altitude, Direction, Scale Representation, GIS and Remote Sensing, Time Zones, GMT Variation.

Module No. 3: Geography of Tourism In Karnataka (08 Hrs)

Physiography: Location, Size and Extent, Weather and Climate, Rivers, Mountains, Rainfall Distribution, Natural Vegetation-with special reference to Western Ghats and Soil. Case study on Monsoon Tourism.

Module No. 4 –Geography of Tourism in India(10 Hrs)



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Outstanding Geographical features of India- Climate, Water Bodies, Flora and Fauna. Desert, Islands and Beaches. Mountain Tourist Resource- with special reference to the Himalayas and other Hill Stations across India. centres. The seasonal incidence – floods, droughts, famine, causes & effects for different tourist

Module No. 5– Importance of Geography in Tourism(08 Hrs)

Push factors and Pull factors, Significance of Tourism, Limitations of Tourism, Planning and development of tourism in different climatic regions. Case Studies on Island Tourism in Andaman & Nicobar- Hill Tourism in Udhagamandalam and Sikkim-Beach Tourism in Goa.



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Name of the Program: Bachelor of Arts (Tourism) – 2nd Semester

Course Code: DSCT3

Title of the Course: Tourism Products and Resources

Course Credits	No. of Hours per week	Total No. of Teaching Hours
3 Credits	4 Hrs	42 Hrs

Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- To be able to define and differentiate Tourism Resources and Products.
- An understanding of Tourism Resources and Products of India.
- The ability to explain the natural attractions of India.
- To identify the art and architecture of monuments in Karnataka.
- To highlight the Major concepts of Tourism related to the activities concerned.

Syllabus



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Module No. 1: Introduction (08Hrs)

Tourism Resources and Products: Meaning and Definition, Characteristics and Classification of tourism resources in India, Difference between tourism resources and products. Tourism resource potential of India.

Module No. 2: Natural Tourism Resource (08 Hrs)

Natural Tourism Resource: National Parks, Biosphere Reserves and Wildlife Sanctuaries. Adventure Tourism Resources-Land Based, Water Based, Air Based Adventure Sports, Soft and Hard Adventure.

Module No. 3 Social Cultural Products I(08Hrs)

Performing Arts of India, Classical Dances and Dance Styles, Indian Folk Dances. Music and Musical Instruments- Schools of Indian Music. Handicrafts of India as potential Tourist Product. Indian Schools of Painting.

Module No. 4 – Social Cultural Products II (08Hrs)

Fairs and Festivals- Social, Religious, and Commercial. Tourist Promotional Fairs- Kite Festival, Pushkar Fair, Mysore Dussehra, White Water Festival, Snake Boat Race etc. Indian Folk Culture, Indian Cuisine-Types, Western Influence. Custom and Costumes, Types of Indian Apparel, Folk-lore and Legends.



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Module No. 5– Architectural Heritage of India (10 Hrs)

Architectural Heritage of India-India's Architectural Styles adopted over the ages-Rock cut architecture, Buddhist architecture, Hindu temple architecture, Indo- Islamic architecture and Colonial architecture. Major Historical Monuments in India. Museums, Art Galleries, Libraries their location. Religious Shrines/ Centres- Hindu, Buddhist, Jain, Sikh, Muslim, Christian, and others.



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IV Sem CBCS Scheme

Subject: Tourism Policy

Paper-V

TOURISM POLICY

1. **TOURISM POLICY**
Management Strategies, Tourism Policy Analysis, Tourism Legislation Beginnings of statistical measurement in Tourism Statistics of Domestic Tourism – Holiday Surveys (accommodation and passenger surveys) – Statistics of International surveys.)
2. **TOURISM PLANNING**
Features of Tourism planning, Policy of Tourism – Leisure and Resources – Geographical pattern. Infrastructure and facilities – Planning in Urban and Rural area – Conservation and Management of places of Tourist attraction.
3. **ECONOMICS OF TOURISM**
Impact of tourism on national and international economic activity, Tourism and international trade and balance of payments
4. **IMPACTS AND WORLD HERITAGE CENTERS**
 - Impacts of Tourism - Economical, Social, Physical, and Environmental
 - World Heritage Tourist Centres, Concept and list



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VI Sem CBCS Scheme

Subject: Entrepreneurship Development Program

PAPER VII

ENTREPRENEURSHIP DEVELOPMENT PROGRAM

1. ENTREPRENEURSHIP

Introduction to Entrepreneur, Entrepreneurship and Enterprise - Importance and relevance of the entrepreneur - Factors influencing entrepreneurship - Pros and Cons of being an entrepreneur - Women entrepreneurs, problems and promotion - Types of Entrepreneurs - Characteristics of a successful entrepreneur - Competency requirement for entrepreneurs - Awareness of self competency and its development



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2. SMALL SCALE INDUSTRIES

Small scale industries/ Tiny industries/Ancillary industries/ Cottage Industries – definition, meaning, product range, capital investment, ownership patterns - Importance and role played by SSI in the development of the Indian economy - Problems faced by SSI's and the steps taken to solve the problems - Policies governing SSI's.

3. STARTING A SMALL INDUSTRY

To understand what constitutes a business opportunity, scanning the environment for opportunities, evaluation of alternatives and selection based on personal competencies. - An overview of the steps involved in starting a business venture – location, clearances and permits required, formalities, licensing and registration procedures - Assessment of the market for the proposed project - To understand the importance of financial, technical and social feasibility of the project.

4. PREPARING THE BUSINESS PLAN (BP)

What is a BP? Why is it important? Who prepares it?

Typical BP format

- Financial aspects of the BP
- Marketing aspects of the BP
- Human Resource aspects of the BP
- Technical aspects of the BP
- Social aspects of the BP

Preparation of BP - Common pitfalls to be avoided in preparation of a BP

5. IMPLEMENTATION OF THE PROJECT

Financial assistance through SFC's , SIDBI, Commercial Banks, KSIDC, KSSIC, IFCI, - Non financial assistance from DIC, SISI, EDI, SIDO, AWAKE, TCO, TECKSOK, KVIC - Financial incentives for SSI's , and Tax Concessions - Assistance for obtaining raw material , machinery, land and building and technical assistance - Industrial estates – role and types

6. SICKNESS IN SSI'S

Meaning and definition of a sick industry - Causes of industrial sickness
Preventive and remedial measures for sick industries



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VI Sem CBCS Scheme

Subject: Emerging Concepts for effective Tourism Development

PAPER VIII

EMERGING CONCEPTS FOR EFFECTIVE TOURISM DEVELOPMENT

1. RELEVANT CONCEPTS AND APPROACHES FOR EFFECTIVE TOURISM DEVELOPMENT

- National Development Council Report on Tourism Development
- National Action Plan 1992 Onwards
- Policies on Tourism and Civil Aviation
- Tourist Traffic and its improvisation
- Destination Development

2. SUSTAINABLE AND ECO-TOURISM

- Sustainable Tourism and Eco-Tourism – Definition, Functions, Objectives
- National and State Level Eco-Tourism Guidelines

3. WILDLIFE

- National Wildlife Tourism – India
- National and International Guidelines for Wildlife Tourism

4. TOURISM POLICY

- Management Strategies, Tourism Policy Analysis, Tourism Legislation

5. CRM, PR AND COMMUNICATION FOR TOURISM MANAGERS

- Customer Relation Management – Fundamentals
- Importance of Public Relation and Communication Skill in Tourism



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Department of Commerce

Semester	Gender & Equality	Human Values	Professional Ethics	Environment & Sustainability
I (NEP Syllabus) Course 1: Business Management & Start Ups		* Leadership		* Financial Issues.
V Sem : CDS		Unit 1 - Religious and cultural diversity. Unit 2 - Indian family in transition, caste systems & ST, BC & Religious minority		Unity in diversity

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Semester	Gender & Equality	Human Values	Professional Ethics	Environment
VI Sem IAA Course 1: UNIT 2 - Planning and Risk Assessment		* Leadership	Professional ethics of an auditor	*
VI Sem BR Course		Consumer Protection Act. Sale of goods Act— Rights and Duties of Buyer. Competition Act.		Environmental Act
VI Sem C & I		Contemporary arts, Performing arts.		Case studies on Innovative Ideas Like Redbus, Ola, Big basket, flipkart etc.

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Business management & start-ups

Module No. 1: Principles & Functions of Management (12 Hrs)

Introduction – Meaning – Definitions – Importance & scope of management - Principles of Management. **Managerial Functions:** Meaning, Definition, Characteristics, benefits & Limitations of Planning, organizing, Directing, Coordinating & Controlling - Task & Responsibilities of Professional Manager.

Module No. 2: Leadership & Motivation (14 Hrs)

Leadership: concept – Importance – Major Theories of leadership (Likert's scale Theory, Blake & Mouton's Managerial Grid theory, House Path Goal theory, Fred Fielder's situational leadership). Modern Leadership styles in the changing world (Charismatic leadership, Transformational leadership, Visionary Leadership, Transactional Leadership, Servant Leadership, Situational Leadership).

Motivation: Concept & importance of Motivation – Contemporary Motivation Theories (Expectancy Theory, Equity Theory, Goal Setting Theory, Reinforcement theory)

Module No. 3: Startups & Its Financial Issues (10 Hrs)

Introduction- Meaning – Features – Types of Startups – Ideation – Design Thinking, Entrepreneurship Lessons for Startups, 3 Pillars to Initiate startup (Handholding, Funding & Incubation). **Startup Financial issues: feasibility Analysis-** The cost & Process of Raising capital – Unique Funding issues of a High tech Ventures – funding with equity – Financing with debt – funding strategies with bootstrapping – Crowdfunding – Venture Capital.



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Module No. 4: Incubation Support to startups (10 Hrs)

Introduction- Meaning & definition of Incubation support – Objectives & Functions of Incubation Centers
- Services Types – Incentives for Incubators – Role of Incubators in startup Policy, List of Major Startups Incubators in India - Case studies on Startups.

Module No. 5: Government Initiatives for Startups in India (10 Hrs)

Government Initiatives – Startup India Initiative, Seed Fund – ASPIRE –SAMRIDDHI Scheme – Mudra Scheme (Sishu, Kishore & Tarun) – ATAL Innovation Mission – MSME Multiplier Grants Scheme – Credit Guarantee fund trust for micro & small business – Software Technology Park – Venture Capital Assistance Scheme – Single Point Registration scheme – M-SIPS – Self Employment & Talent Utilization (SETU)

Culture, diversity and society

Unit 1 – Understanding the diversity of Indian society

Religious and cultural diversity.

Unity in diversity

Unit 2 – Family, Caste, Village and women in India.

Indian family in transition, caste systems & ST, BC & Religious minority



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International Auditing & Assurance

Unit 2 – Planning & Risk Assessment

Preconditions for audit, Obtain audit engagement, engagement letters – Contents, quality control procedures, overall objectives of the auditor and the need to conduct a audit, components of audit risk, concepts – materiality and performance materiality, materiality levels, procedures to obtain initial understanding, analytical procedures in planning, compute & interpret key ratios used in analytical procedures, effect of fraud & miss statement on the audit strategy, responsibilities of internal & external auditors for the prevention and detection of fraud and error, audit planning – need and importance , contents of overall audit strategy and audit plan, difference between an interim and final audit, audit documentation –need ,importance and contents, safe custody and retention of working papers.

Business Regulations

UNIT 1: Introduction To Business Laws

Introduction, Nature of Law, Meaning and Definition of Business Laws, Scope and Sources of Business Laws.

UNIT 2: Contract LawS

Indian Contract Act, 1872: Definition of Contract, essentials of a valid contract, classification of contracts, remedies for breach of contract.



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Indian Sale of Goods Act, 1930: Definition of contract of sale, essentials of contract of sale, conditions and warranties, rights and duties of buyer, rights of an unpaid seller.

UNIT 3: Information Technology Act:

Introduction to Cyber Law in India, salient features of IT Act, 2000, importance of Cyber Law, Digital Signature, cyber crimes.

UNIT 4: COMPETITION AND CONSUMER LAWS:

Offences and penalties under the Act, Competition Commission of India.

Consumer Protection Act, 1986: Definition of the terms consumer, consumer dispute, defect, deficiency, unfair trade practices and services. Rights of the consumer under the Act, Consumer Redressal Agencies – District Forum, State Commission, National Commission.

UNIT 5: Economic And Environmental Laws

Indian Patent Laws and WTO Patent Rules: Meaning of IPR, invention and non-invention, procedure to get patent, restoration and surrender of lapsed patent, infringement of patent,

FEMA 1999: Objects of FEMA, salient features of FEMA, definition of important terms: authorized person, currency, foreign currency, foreign exchange, foreign security, offences and penalties.

Environment Protection Act, 1986: Objects of the Act, definitions of important terms: environment,



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environment pollutant, environment pollution, hazardous substance and occupier, types of pollution, rules and powers of central government to protect environment in India.

Creativity and innovation

Module 2 - Innovation management

Case studies, Innovation business ideas like red bus, Flip kart, Ola, Big Basket, Methods & techniques – organizational aspect- economic aspect like venture capital, angel investors – evaluation of effectiveness of innovation – Legal aspects like IPR, Patent etc.

Module 3 – Creativity and various forms of Arts.

Understanding the forms and characteristics of various painting traditions (Cave painting, Ajanta Murals, Indian miniatures, Traditional & folk arts) Sculptures (Indian sculptures and temple architecture), Contemporary art forms – art & architecture (Photography, films, graphic animations and digital art) performing arts (music ,dance and theatre) and poetry & literature with examples.



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Department of Psychology

Semester	Gender & Equality	Human Values	Professional Ethics	Environment & Sustainability
NEP Syllabus I Semester	Impact of the ancient civilization on Gender and equality. Holistic view on human values and gender rights.	Speaks of the integration of masculine and feminine roles in personality and also adheres to the modern sentiments of feminist and socialist views		
	Studies the universality of emotions and its expressions across different			

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	<p>cultures. The management of emotions and the acknowledgement of the differences in male and female identities and expression and management of emotions</p>			
	<p>Emphasizes the holistic development of human beings in aspects of their biological, emotional, social, and cultural aspects</p>	<p><i>Bhawanji</i> Principal Surana College (AUTONOMOUS) No. 16, South End Road, Bangalore - 560 004.</p>		<p>Deals with carrying out reactions in a manner to cause least harm to the environment (toxic and non-toxic), Pollution measures & control</p>



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NEP Syllabi of Psychology (Discipline Specific Course) subject for BA/BSc IV Semester With effect from

Academic year 2022-23 and onwards

PAPER – IV: Developmental Psychology

UNIT I: PUBERTY & ADOLESCENCE

(12 hours)

- a) **Puberty:** Meaning and Characteristics.
- b) **Adolescence: Physical Development** – Adolescents' growth spurt, primary and secondary sexual characteristics, signs of sexual maturity.
- c) **Physical and Mental Health** – Physical Fitness, Sleep Needs, Nutrition and Eating disorders; Substance abuse – risk factors of drug abuse, gate way drugs – alcohol – marijuana and tobacco. Addiction to Social media and Virtual Gaming.
- d) **Psychosocial Development:** Search for Identity- Theories of Erikson and Marcia. Gender Differences and Ethnic Factors in Identity Formation. Relationship with family, peers and adult society. Adolescents in Trouble: Antisocial and Juvenile Delinquency (in brief)

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UNIT II: Early Adulthood

(12 hours)

Characteristics of early adulthood.

- a) **Health and Physical Development:** Health status, Genetic and Behavioral Influences on Health and Fitness.
- b) **Cognitive development** – Piaget's shift to post formal thought. Schaies' model. Emotional Intelligence.
- c) **Psycho-social development:** Models - Normative, Timing-of-events, Trait and Typological. Intimate Relationships. Marital and non-marital life styles - Single life, Marriage, co-habitation, LGBT issues.

UNIT III: Middle Adulthood

(14 hours)

Characteristics of Middle adulthood.

- a) **Physical Development** – physical changes – Sensory & Psychomotor Functioning, Sexuality & Reproductive Functioning- Menopause & its Meanings; Changes in male Sexuality.
- b) **Cognitive development** – The distinctiveness of adult cognition – the role of expertise, Integrative thought, practical problem solving, creativity. Occupational Patterns, Work v/s Early Retirement, Work and Cognitive Development, Mature Learner.
- c) **Psycho-Social Development** – Changes in Relationship at Midlife. Consensual Relationships: Marriage, Midlife divorce, LGBT issues, Friendships, Relationships with maturing children.



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- d) **Vocational Adjustments** – Factors affecting vocational adjustment in Middle Adulthood, Vocational Hazards, Adjustment to approaching Retirement.

UNIT IV: Late Adulthood

(12 hours)

Characteristics of Late adulthood.

- a) **Physical Changes:** Sensory & Psychomotor Functioning – Vision, Hearing, Taste & Smell, Strength, Endurance, Balance & Reaction time.
- b) **Cognitive Development:** Intelligence and Processing Abilities. Competence in everyday tasks & problem solving.
- c) **Psychosocial Development** – Personal Relationships in Late life: Social Contact, Relationships & Health, Multigenerational Family. Consensual Relationships: Long-Term Marriage, Divorce and Remarriage, Widowhood, Single Life, Friendships. Non-marital kinship ties: Relationships with Adult children or their absence, Relationship with siblings. Becoming Great-Grandparents.

UNIT V -Late Adulthood (Old age)

(10 hours)

- a) **Theories of ageing:** programmed theories and damaged theories.
- b) Many faces of death: Care of the dying.
- c) Facing death & Loss: Psychological Issues-Confronting one's death; Patterns of grieving
- d) Death & Bereavement across the Lifespan.
- e) Issues related to Death - Medical, Legal and Ethical
- f) Finding Meaning & purpose in Life & Death



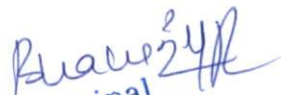
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Department Of Chemistry

Semester	Gender & Equality	Human Values	Professional Ethics	Environment Sustainability &
				Deals with carrying out reactions in a manner to cause least harm to the environment (toxic and non-toxic), Pollution measures & control


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Department Of Hindi

Semester	Gender & Equality	Human Values	Professional Ethics	Environment & Sustainability
I SEMESTER BBA			Sach ka sauda ☐ Adarsh Virodh ☐ Abhaav	
I SEMESTER B.Com			Bade ghar ki beti ☐ Gapshap ☐ Reed ki haddi	
I SEMESTER BCA		Aanad ke kshan ☐ Vaishali ☐ Alopi		

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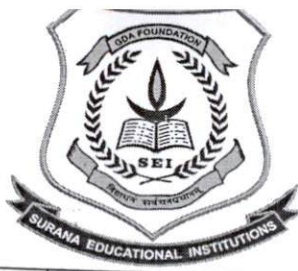
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I SEMESTER B.Sc		Pariksha Puraskaar	Bolaram jeev ka	
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I1 SEMESTER BBA	Ghar aur baahar	Mitrata <input type="checkbox"/> Hamaare purvajon ka bharat <input type="checkbox"/> Hamaare purvajon ka bharat	Sarayu bhaiyya Yogyata aur vyavasaay ka chunaav	Hamaare purvajon ka bharat
I1 SEMESTER B.Com		Anath ladki <input type="checkbox"/> Bahadur <input type="checkbox"/> Ek Katori dal	Doctor sahib ki gadi <input type="checkbox"/> Jaj ka faisala <input type="checkbox"/> Bahadur	

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11 SEMESTER BCA		Prerana	Paajeb Vah chehra	
11 SEMESTER BSC			Sipaahi	
11 SEMESTER BA	Daak bangla			
III SEMESTER BBA	Drama: Dhruvasw amini,			
III SEMESTER B.Com				Drama: Aashad ka ek din
III SEMESTER BCA	Drama: Chandragupta			
III SEMESTER B.Sc			Drama: Kaala pattar	


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III SEMESTER BA			Drama: Nyay ki raat	
IV SEMESTER BBA		Novel: Nirmala		
IV SEMESTER B.Com				
IV SEMESTER BCA				
IV SEMESTER B.Sc		Novel: Aana is desh mein		
IV SEMESTER BA			Novel: Antim Sakshy	

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Department of Biotechnology

Semester	Gender & Equality	Human Values	Professional Ethics	Environment Sustainability &
				Bioremediation techniques in removing polluting substances from the soil and water, measures to control and prevent pollution.

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PART-B : ENVIRONMENTAL BIOTECHNOLOGY

Total Hours Allotted: 30 hrs

1. Renewable and Non-Renewable resources of energy 1 hrs
2. Conventional fuels and their environmental impact-Firewood, Plant, animal, Water, Coal and 2 hrs
3. Modern fuels and their environmental impact-Methanol genie bacteria, Biogas, Microbial rogen Production, conversion of sugar to alcohol & Gasohol. 3hrs

4. Bioremediation

Remediation of soil & water contaminated with oil spills, heavy metals and detergents.

Degradation and cellulose using microbes, Phytore mediation.
Degradation of pesticides and

other toxic. Chemicals by Micro-organisms-Degradation of Aromatic and chlorinated hydrocarbons and petroleum products. 06 hrs

Unit 5. Treatment of Municipal waste and Industrial effluents 2hrs

Unit 6. Biofertilixers

Role of symbiotic and symbiotic nitrogen fixing bacteria in the enrichment of soil. Algal and Fungal bio fertilizers (VAM) 3 hrs

Unit 8 Bioleaching

Enrichment of ores by microorganisms (Gold, Copper and Uranium) 2hrs

Unit 9. Environmental Significance of Genetically modified microbes, plants and animals 1hrs



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Department Of History

Semester	Gender & Equality	Human Values	Professional Ethics	Environment & Sustainability
SEMESTER 1: (NEP SYLLABUS)				

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Department Of Political science

Semester	Gender & Equality	Human Values	Professional Ethics	Environment Sustainability &
	Meaning and Kinds (Social, Economic and Political) Justice: Meaning and its Kinds.			
	Fundamental rights, Fundamental Duties.			
				Universal Declaration of Human Rights, Role of NGOs in the promotion of

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				human rights. Collective Security, pacific Settlement of Disputes, Disarmament and Arms
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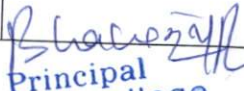
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Criteria 1.3.1 Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum:

S. No	Department	Title of the Course	Issues relevant to	Description
1	PG Department of Psychology	Indigenous Psychology	Human Values	Unit 2: Upanishads, Jain Perspectives Unit 3: Buddhist Psychological Perspectives Unit 4: Theory and Application of Yoga Unit 5: Alternative Healing Techniques
2	PG Department of Psychology	Quantitative Research Methods and Psychometry	Professional Ethics	Unit 1: Ethical Issues Unit 4: General Concepts of research writing Unit 5: Ethics of Psychological Testing
3	PG Department of Psychology	Counselling and Guidance	Professional Ethics	Unit 2: Ethical and Legal Issues


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4	PG Department of Psychology	Qualitative Research Methods	Professional Ethics	Unit 1: Ethical Considerations in Qualitative Research Unit 5: Ethical Issues in Analysis
5	PG Department of Psychology	Positive Psychology	Human Values	Unit 2 : Positive emotions, happiness and wellbeing Unit 3 : Close Relationships and Self-related Concepts Unit 4 : Religion and Spirituality Unit 5 : Interpersonal Character Strengths and Resilience
6	PG Department of Psychology	Clinical Psychology and Assessments	Professional Ethics	Unit 1: Professional Issues, Training and Ethical standards
7	PG Department of Psychology	Organization al Behaviour – I Micro perspective	Professional Ethics	Unit 1: Ethical Behaviour in Organizations Unit 5 – Ethical Behaviour at workplace

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8	PG Department of Psychology	Social and Community Psychology	Human Values	Unit 1 : Social Behaviour in Communities
9	MBA	Entrepreneur ship and Ethics	Professional Ethics	Module 6: Corporate Ethics

10	MBA	Technology for management	Professional Ethics	Module 5 : Ethics in IT
11	MBA	Organization al Behaviour	Human Values	Module: Values and Human Dignity
12	MBA	Managerial Skills	Professional Ethics	Module 6 – Professional ethics and code of conduct
13	MCA	Professional Communication and Ethics	Professional Ethics	All Units

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14	MCA	Quantitative teaching and research aptitude	Professional Ethics	Unit III: Research Ethics
15	MCA	Data Mining and Business Intelligence	Professional Ethics	Unit I: Ethics and BI

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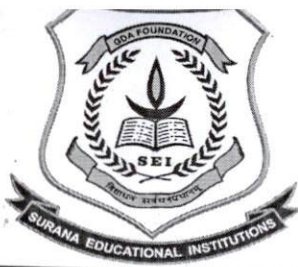
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Syllabus for M. Sc Psychology: 2020

Subjects	Paper	Instruction Hrs/week	Duration of exam (Hrs)	Marks			Credits
				IA	Exam	Total	
I Semester PG Program							
Core Subject	101- Theoretical Perspectives of Psychology	4*4	4*3	4*30	4*70	4*100	4*4
	102- Indigenous Psychology						
	103- Biopsychology						
	104- Quantitative Research Methods and Psychometry						
	105- Experimental Psychology- Psychophysics, Cognition, Memory and						

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	learning (Practical 1)	2*8	2*6	2*30	2*70	2*100	2*4
	106- Computer Applications in Psychology (Practical 2)						
Soft Core	107-Statistics in Psychology	1*3	1*3	1*30	1*70	1*100	1*2
Semester Total of Credits							26
II Semester PG Program							
Core Subject	201- Personality Psychology	4*4	4*3	4*30	4*70	4*100	4*4
	202- Counselling and Guidance						
	203- Cognitive Psychology						
	204: Qualitative Research Methods						
	205- Psychological Assessment and Life Skills						

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Training								
206- Project: Psychometric Tool Development	2*8	2*6	2*30	2*70	2*100	2*4		
Soft Core	207- Theories of Learning	1*3	1*3	1*30	1*70	1*100	1*2	
Semester Total of Credits							26	

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Subjects	Paper	Instruction Hrs/week	Duration of exam (Hrs)	Marks			Credits	
				IA	Exam	Total		
III Semester PG Program								
	301 Positive Psychology		1*4	1*3	1*30	1*70	1*100	1*4
Specializations								
A: Clinical Psychology								
	302A: Clinical psychology and assessments		2*4	2*3	2*30	2*70	2*100	
	303A: Developmental Psychopathology							
	305A Practical I: Clinical Cognitive assessment							



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Core Subject	306A Practical II : Clinical personality assessments and interventions	2*8	2*6	2*30	2*70	2*100	4*4	
	B: Child Guidance							
	302B Child Development	2*4	2*3	2*30	2*70	2*100		
	303 B Child assessment							
	305 B Assessment of cognition, screening and interventions	2*8	2*6	2*30	2*70	2*100		
	306 B Practicals: Assessment of personality and skill training							
	C: Industrial and organizational Psychology							
	302C: Organizational Behaviour I – A microperspective							



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303C: Organizational Behaviour II – A Macroperspective	2*4	2*3	2*30	2*70	2*100	
305C :Assessments and interventions in organizations						
306C: Assessment of personality and interests	2*8	2*6	2*30	2*70	2*100	
304 Open elective Psychology for life	1*4	1*3	1*30	1*70	1*100	1*4
Semester Total of Credits						24



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Subjects	Paper	Instruction Hrs/week	Duration of exam (Hrs)	Marks			Credits
				IA	Exam	Total	
IV Semester PG Program							
	401 Rehabilitation Psychology	2*4	2*3	2*30	2*70	2*100	2*4
	402 Social and community Psychology						
	A: Clinical Psychology						
	403A Adult Psychopathology	2*4	2*3	2*30	2*70	2*100	
	404A Psychological Therapies and interventions						
	B: Child Guidance						



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Core Subject	403B: Child Psychopathology	2*4	2*3	2*30	2*70	2*100	2*4	
	404B Child intervention procedures							
	C: Industrial and organizational Psychology							
	403C Training and consumer behaviour	2*4	2*3	2*30	2*70	2*100		
	404C Human Resource Management							
	405 Internship	2*8	2*6	2*30	2*70	2*100		2*4
	406 Dissertation							
Semester Total of Credits							24	
Program Grand total of credits							100	



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M.Sc. Psychology

I SEMESTER

102: INDIGENOUS PSYCHOLOGY

Learning Objectives: *To introduce the Indigenous perspectives in Psychology and its contemporary relevance. To sensitize the learners to the possibilities and availability of alternate methods of healing, especially those that have originated in Indian subcontinent. To focus on indigenous and culturally accepted/practiced therapeutic methods. Students will become aware of need for, and techniques of healing holistically.*

Unit 1: Indigenous Psychological Perspective

10 Hours

Indigenous, Indian, Transpersonal psychology, Philosophical basis and fundamental assumptions of Indian Psychology, emergence of indigenous and non-western perspective of Psychology, and current research in



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Indian Psychology.

12 Hours Unit 2: Indian Psychological Perspectives

Personality and Motivation in Upanishads:

- Layers of existence (Taittiriyaupanishad) and Dvaita and Advaita schools-Motivation and role of (Manas, Ahamkara, Buddhi and Citta)
- Self and consciousness – Viewpoints of Upanishads- States of consciousness (Mandukya Upanishad)
- Bhagavad Gita (Characteristics of trigunas; Characteristics of stithaprajna)

Introduction to Jain Perspective:

- Historical background, premises, traditions: Digambaras and Shwethambaras.
 - Personality and motivation, Tri-ratna or principles of life- faith, knowledge, conduct and five vows
 - Self and Consciousness: Jiva and Ajiva, Ahimsa and role of Karma



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Unit 3: Buddhist Psychological Perspective

10 Hours

- Introduction, historical background, traditions, beliefs and schools of Buddhism: Theravada, Mahayana and Vajrayana
- Personality and motivation, Factors of personality - (Five Groupings (Skandhas), four noble truths and the eight-fold path) and Tripitakas: Vinayapitaka, Suttapitaka and Abhidammapiṭaka
- *Self and consciousness*: Ti-Lakkhana three characteristics, Suffering, Impermanence and non-self, Nirvana and mindfulness.

Unit 4: Theory & Application of Yoga Psychology

10 Hours

- Meaning and aims of Yoga, Patanjali's yoga sutra, Astanga yoga - stages of yoga, nadis and cakras, asanas, concept of Prana. Pranayama. Psychophysiological effects of and pranayama Yoga therapy and Kundalini yoga.
- Yoga and stress. Yoga for treating different systemic disorder (eg. Digestive, circulatory etc.). Yoga for personality development and wellbeing

Unit 5: Alternative Healing Techniques

10 Hours

- Introduction to alternative healing
- *Meditation* -Meditation as a therapeutic method. Different types of meditations
Zen, Transcendental Meditation and mindfulness
- *Healing prayers*:
 - Indian: Omkara and healing prayers
 - Buddhist chants:
 - Namō Tassa Bhagavato Arahato Samma Sam Buddha Sa
 - Nam myōhō renge kyo
- *Reiki and Acupressure*.
 - History of Reiki. Similarities and differences between Reiki and Pranic healing. How does Reiki work? Distance healing, Reiki symbols. Application of Reiki in different conditions.
 - Acupressure, Critical points, relief points. Acupressure for treating different conditions/ailments, and for maintaining
 - Siddha, Naturopathy and Ayurveda



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104: Quantitative Research Methods And Psychometry

Learning Objectives: The paper aims to educate the students about research in Social Sciences so as to enable them to carry out quantitative research effectively and efficiently and report the findings in an accepted APA format.

Unit 1: Introduction to Research Methodology

10 Hours

- Research: Meaning, objectives and significance
- Research in Social Sciences: types and approaches
- Characteristics of Social Science research, validity and reliability in social science research and ethical issues.
- Stages of research process
- Research Problem:
 - Types, selection, characteristics and importance.
 - Techniques of defining research problem

Unit 2: Probability, Variables and Hypothesis

10 Hours

- Probability and Normal distribution
- Meaning and types of variables, important approaches to manipulation of variables and techniques of controlling extraneous variables.
- *Research Hypothesis*: Definition, types, sources, functions and hypothesis testing, Type I and Type II errors.



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Unit 3: Research Designs

12 Hours

- Meaning, purpose, principles and features of a good research design
- *Non experimental Research Designs*: Observation and cross sectional
- Experimental Designs
 - Principles and steps of Experimental designs
 - Between groups design: Randomized groups design, Matched group designs, Latinsquare and Factorial design
 - Within group design
 - True experimental designs: After- Only with Control Design, Before-and-After with control design, Solomon Four group design
 - Quasi experimental designs: Time series, Equivalent time sample, Non-equivalent control group, Separate sample pre-post-test, Patched-up design, Longitudinal design, Cross sectional design and Cohort design.
 - Ex Post Facto Design: Correlational Design and Criterion-group design
 - Pre experimental designs: One shot case study, one group pre-post-test, static-group comparison
 - Other designs: Exploratory designs, descriptive designs, Evaluation designs and Action research



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Unit 4: Data Collection and Analysis and Reporting in APA

10 Hours

- Sampling:
 - Meaning, need and fundamentals of sampling.
 - Probability and Non-Probability sampling
- Data collection: Importance, selection criteria and precautions
 - Primary Data collection methods: Observation, interviews, questionnaires and schedules and Psychological tests
 - Secondary data collection methods: Case study and documentary data
- Data Analysis: parametric and non-parametric, descriptive, inferential, correlational, tests of significance, tests for homogeneity of variance, regression and data reduction
- *General concepts of research writing*: Plagiarism, types of writing, and
- APA style of interpretation writing:



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204: Qualitative Research Methods

Learning Objective: This paper provides students with a critical understanding of qualitative research methods in Psychology. The focus of this paper is also to use qualitative methods in conjunction with quantitative methods and independently. The hands-on experiences will help the students to design qualitative studies and the importance of qualitative research in Psychology.

Unit 1: Nature of Qualitative Research

12 Hours

- Definition, historical perspective, characteristics and comparison with quantitative research
- Key philosophical and methodological issues in qualitative research
- Critique of qualitative research: Application of qualitative research methodology to research in Psychology

☐ Ethical Considerations in Qualitative Research

- Choosing the right approach in qualitative research
- Process of Qualitative research

Unit 2: Paradigms and theoretical positions in Qualitative Research

10 Hours

- The Paradigm of Qualitative research methods
- Verstehen, Constructivism, Critical theory, characteristics and critiques of critical theory.



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- Theoretical Positions underlying Qualitative Research
 - Symbolic Interactionism and Ethnomethodology
 - Cultural Framing of social and Subjective reality: Structuralistic Models
 - Positivism and Constructionism

Unit 3: Strategies of inquiry

10 Hours

- Qualitative research Design
 - Research question, design, methods and process
 - Sampling and Instrumentation
 - Reliability and Validity in Qualitative research
- Strategies of inquiry
 - Ethnography, Auto ethnography, case studies and analysing interpretive practice.
 - Grounded theory
 - Co-operative enquiry: Action research practice
 - Triangulation in Qualitative research
 - Mixed methods in Qualitative research

Unit 4: Qualitative Research data collection and analysis: Part A 10 Hours

Observational methods, Interviewing, Dairy and Narrative Methods, case history method, lifehistory method and content analysis

Unit 5 - Qualitative Research data collection and analysis: Part B 10 Hours



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- Focus groups, Thematic analysis, Interpretative Phenomenological Analysis (IPA), Document analysis, discourse analysis and Conversation analysis
 - Reporting qualitative research data
 - Computer application in Qualitative research
- ☐ Ethical issues in Analysis



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M.Sc Psychology

2 SEMESTER

301: POSITIVE PSYCHOLOGY

Learning Objectives: This course focuses on Positive Psychology which is a relatively new branch of Psychology that aims to understand, ascertain and endorse the factors that allow individuals and communities to flourish. It introduces the students to the essential aspects of Positive Psychology. It will facilitate one's understanding of positive aspects of human behaviour.

Unit 1: Positive Psychology: An introduction

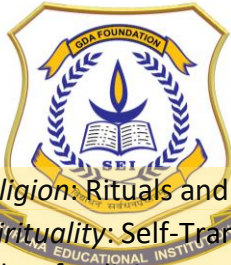
10 Hours

- Introduction and scope of Positive Psychology
- Historical background of Positive Psychology
- Western and Eastern views on Positive Psychology
- Positive Psychology in India
- Research methods in Positive Psychology
- Recent trends and directions in Positive Psychology

Unit 2: Positive emotions, happiness and well-being

12 Hours

- Positive emotions: The broaden and build theory of positive emotions. Emotion Coping. Socio-emotional Selectivity. Emotional Storytelling
- Happiness: Factors Affecting happiness. Gender differences in happiness. Happiness across cultures
- Well-being: Two traditions of Well-being – the hedonic and eudaimonic wellbeing. Elements of wellbeing (Psychological, Social & Emotional)
- Happiness and well-being in Indian culture



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- **Religion:** Rituals and Prayer. Religion and Mental illness. Religion and Psychotherapy.
- **Spirituality:** Self-Transcendence & Spirituality. Spirituality and Health
- Role of religion and spirituality to maintain subjective well-being, A special focus to Indian spirituality and wellbeing
- **Character strengths and virtues:** Classification of Strength. Positive psychology approaches to virtues. Virtues and Work. Virtues in the Indian Culture

Unit 3: Close relationships and Self related Concepts

10 Hours

- **Close relationships:** Characteristics
- **Love:** Varieties of love. *Theories* of love
- Self-efficacy and Self-determination (Theories)
- Self-regulation and Self-control (The value of self-control, personal goals and self-regulation – Control theory, self-discrepancy theory)

Unit 4: Religion and Spirituality

10 Hours

Unit 5: Interpersonal Character Strengths and Resilience

10 Hours

- **Resilience** – definitions, resiliency skills and factors; resilience in Indian culture
- Mindfulness and flow, Gratitude and Forgiveness. Empathy and Altruism, Hope and Optimism



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Specialisation A: Clinical Psychology 302 A Clinical Psychology And Assessments

Learning Objectives: This paper aims to give a broad idea of the field of clinical psychology and to familiarize the student with techniques used in collecting information about client and some tests available, with specific reference to clinical assessment. Certain professional issues such as behavioural assessments, training, research and ethical stands are also included.

Unit 1: Introduction to Clinical Psychology

10 Hours

Professional issues, training, ethical standards,

Nature, Scope, role, history and current status.

Clinical Psychology in India. Scientist practitioner model.



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Unit 2: Nature and purpose of clinical assessment **10 Hours**

Referral sources, *Components of assessment*: Planning, data gathering, analysis (qualitative, quantitative), interpretation, reporting. Factors influencing assessment.

Psychological report – purpose, nature, style, common errors.

Unit 3: Techniques of assessment **10 Hours**

Nature, techniques, merits and demerits of case study. Clinical interview. Observation. Behavioral assessment. Nature and diagnostic use of psychological tests.

Different types of tests in clinical practice – Interest, aptitude, personality, interpersonal, behavior. Controversial issues in assessment.

Unit 4: Clinical assessments of adults **12 Hours**

Intelligence: Nature of intelligence testing. Types and uses of intelligence tests. Levels of interpretation. Illustrative tests : Stanford Binet and Wechsler scales. Group tests of intelligence. Controversial issues in use of intelligence tests.

Personality : Nature of Personality testing. Types and uses of personality tests. Illustrative tests : Thematic apperception test and MMPI. Ethical and cultural issues in clinical personality testing.

Unit 5: Clinical assessment of children **10 Hours**

Assessment of intelligence in infants and children – nature, general procedures and issues, Developmental schedules. Drawing as a technique for assessment.



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Children with special needs – learning disability, mental retardation, brain damage, neurodevelopmental disorders – ADHD, Autism.



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Specialisation C Industrial And Organizational Psychology

302C Organizational Behavior I - A Micro Perspective

Learning Objectives: Organizational behavior is one of the branches of psychology with an objective of understanding people at work place. The factors related to individual differences like perception, learning, personality, motivation, etc., would contribute to satisfaction and effectiveness at both individual and organizational level. The dynamics of these factors are introduced to the students through this paper.

Unit 1: Introduction to organizational behaviour

12 hours

- Nature of organizational behaviour, importance and fundamental assumptions. Historical background, OB to Globalization and Diversity. OB to Technology. OB to people's Changing Expectations.
- Organizational Justice: Nature and **Ethical Behaviour in Organizations:** Nature, Strategies.



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Meaning. Individual Differences in Cognitive Moral Development, Situational Determinants of Unethical Behaviour, corporate ethics programmes. Beyond Ethics: corporate Social Responsibility.

Unit 2: Perception and learning

10 hours

- Social Perception and Social Identity. Attribution Process. Perceptual Biases: Systematic Errors, Stereotyping. Perceiving others: Organizational Applications- Performance appraisal.
- Learning: Operational Conditioning- Learning through Rewards and Punishments. Training-varieties of training, principles of learning. Organizational behaviour Management.

Unit 3: Individual differences: personality, skills and abilities, stress 10 hours

- Personality: Nature and Measurement. Big Five dimension. Work related aspects of Personality- Achievement motivation.
- Abilities And Skills: Intelligence, physical abilities, social skills.
- Stress: Nature, Stressors in organizations, Cognitive appraisal, Bodily responses. Causes and Effects of stress. Reducing Stress.



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Unit 4: Work - related attitudes: prejudice, job satisfaction and organizational commitment 10 hours

- Attitudes: Nature and Definitions, essential components.
- Prejudice And Discrimination: Meaning Stereotypes, strategies to overcome workplace prejudice.
- Job Satisfaction: Nature and Theories. Consequences of Job Satisfaction, Reduction of job dissatisfaction.
- Organizational Commitment: Attitude towards Companies, varieties of organizational commitment.

Unit 5: Motivation in organizations 10 hours

- Nature, Components, motivates by enhancing fit with an organization. Motivating by setting Goals, by Equitable, by Altering Expectations, by structuring jobs.
- *Personality and values*: values and ethical behaviour at work place
- Emotions and moods

303 C Organizational Behaviour li - A Macro Perspective

Learning objective: The paper emphasises on understanding the interpersonal dynamics at the workplace contributing to organisational performance and effectiveness.



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Unit 1: Communication in organization

12 hours

- Nature of communication. Process, Purpose and levels of organizational communication. Verbal and non-verbal communication.
- Computer mediated communication, formal and informal communication. Individual differences in communication.
- Improving communication

Unit – 2: Decision making

10 hours

- Meaning and Model of Decision -making process, Organizational decisions, factors affecting Decisions in organizations.
- *Individual decisions* – imperfect nature of individual decisions.
- *Group decisions*: techniques for improving effectiveness of decisions.

Unit 3: Leadership

10 hours

- Nature and characteristics. Trait approach, Leadership behaviour.
- Contingency theories- LPC theory, situational and path-goal theory.
- Leadership development.

Unit 4: Organizational culture

10 hours

Nature and characteristics. Creating, Transmitting and changing organizational culture.



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Unit –5: Organizational structure and design

10 hours

- Basics dimensions. Departmentalization, organizational designs. Inter-organizational designs
- Understanding work teams groups and teams, types of teams, team building, high performance teams importance of interpersonal skills
- Organizational Change and Development
- Organizational Effectiveness



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402: Social And Community Psychology

Learning Objective: This course enables students to understand the concepts and theories of social behavior and think more about social phenomenon. The students learn about social systems and individual well-being in the community contexts. This also helps the students to learn more about Indian community behavior.

Unit 1

12 Hours

- Social Psychology: Introduction to social psychology; Process of socialization; Group influence; Group dynamics; Social perception; Attitudes
- Community Psychology: Introduction to community psychology; factors underlying emergence of Community psychology, Principles of Community psychology. Concept of prevention. Theory and research in Community psychology - ecology, epidemiology, general systems theory, evaluation research.
- *Social behavior in communities* Socialization processes, Internalization of social norms and values, Role of institutions (ascriptive institutions such as Family, Caste, Class and Religion; role based institutions such as School, political parties and market mechanisms) in reinforcing societal values.

Unit 2

10 Hours

- Aggression: Theories of aggression; Types of aggression; Consequences of aggression; Controlling aggression



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- Violence: Theoretical models for understanding violence; Categories of violence; selfdirected violence (Suicide); domestic violence, sexual violence, collective violence
- Aggression and violence in India: Extent, Variation across social groups and communities.
- Psychological interventions for aggression and violence.

Unit 3

10 Hours

- Crime: Theories of criminal behavior; Prevention of crime, rehabilitation of criminals, role of psychologists; Juvenile delinquents
- Problem of alcoholism, Definition, types, theories of alcoholism, effects, methods of treatment, prevention and rehabilitation.

Unit 4

10 Hours

- Unemployment: Problem of unemployment; defining unemployment, causes and types, effects of unemployment, role of psychologists in solving the problem
- Poverty and deprivation: - definition, types, causes; Measuring poverty: Absolute and relative poverty, human development index; psychological studies of effects of poverty, Social exclusion, Culture of poverty; poverty alleviation programmes

Unit 5

10 Hours

- Social Change: Definition and dynamics of social change; role of social movements in bringing changes; Mob and community behavior in response to social problems

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- Law and Psychology: Mental Health Act and Child protection Law; Access to justice through psychological interventions; Human rights

II Course Matrix of I Semester MBA (DAY)

III

IV

Paper Code	Subject	Credit	Contact Hours	I.A.	U.E.	Total Marks
1.1	Economics for Managers	4	60	30	70	100
1.2	Organizational Behaviour	4	60	30	70	100
1.3	Accounting for Managers	4	60	30	70	100
1.4	Statistics for Management	4	60	30	70	100
1.5	Marketing for Customer Value	4	60	30	70	100
1.6	Legal Aspects and Intellectual Property Rights	4	60	30	70	100
1.7	Managerial Skills-1	2	30	30	70	100
Total		26	390	210	490	700



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Course Matrix of II Semester MBA (DAY)

Paper Code	Subject	Credit	Contact Hours	I.A	U.E	Total Marks
2.1	Technology for Management	4	60	30	70	100
2.2	Management Research Methods	4	60	30	70	100
2.3	Entrepreneurship & Ethics	4	60	30	70	100
2.4	Human Capital Management	4	60	30	70	100
2.5	Financial Management	4	60	30	70	100
2.6	Quantitative Techniques and Operation Research	4	60	30	70	100
2.7	Managerial Skills-2	2	30	30	70	100
Total		26	390	210	490	700



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Name of the Program: Master of Business Administration

Course Code: 1.2

Name of the Course: Organizational
 Behaviour

Course Credits	No. of Hours per Week	Total No. Of Teaching Hours
4 Credits	4 Hrs.	60 Hrs

Course Learning Objectives:

1. To understand the nature of organization and interaction between individuals and the organization.
2. To acquire the knowledge, skills and behaviors to work in different teams and situation to work in global environment

Course Outcomes: On successful completion of the course, the students will be able to;

1. Demonstrate understanding and application of Concepts and principles of Organizational behavior, perception and personality.
2. Improving practical experience in the field of Management and Organization Behaviour
3. Develop skills and ability to work in groups to achieve organizational goals.
4. Develop a greater understanding about Behavioral aspects to analyze the concepts related to individual behavior, attitude, and



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personality.

5. Design motivational techniques for job design, employee involvement, incentives, rewards & recognition.

Module 1: Nature and Principles of Management

8 HOURS

Evolution of management, Indian contributions to Management practices roles and skills of managers, Foundations of OB, OB models, reasons and benefits of studying OB, OB is an Inter-disciplinary subject, challenges and opportunities of OB.

Module 2: Personality

10 HOURS

Shaping of personality, types of personalities, determinants of personality, personality and work perception, process of perception and managing the perception process, perception influencing decision making and ethical issues in decision making from an individual and Organization perspective. Learning, explicit and implicit knowledge, principles of learning, learning process and theories of learning, Organizational reward system. Attitudes, changing and work-related attitudes, components and types of attitudes,



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values and Human dignity

Module 3: Motivation Theories

12 HOURS



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Master of Business Administration

Course Code: 2.1

Name of the Course: Technology for Management

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	60 Hrs

Course Learning Objectives:

1. To evaluate the role of technology in achieving competitive business advantage through strategic decision making
2. To help students in developing the ability to develop, deploy and manage technology in terms of creating firm's value creation
3. To elevate student's consciousness about the ethical responsibilities while dealing with the information and technology

Course Outcomes: On successful completion of the course, the students will be able to:

1. Analyze the role of technology in gaining a strategic perspective on business decision making
2. Gain the skills required in deploying, developing and managing the applicable firm's technological importance
3. Understand and behave ethically while dealing with information and



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technology

Course Content

Module 1: Introduction to Information Systems 12 HOURS

Information System: Concept of Data and Information, Meaning and Role of Information Systems, Elements and types of a System, Conversion/Installation modes of Information System, Strategic Information System. Classification of Information Systems: Management Information System (MIS), Transaction Processing Systems (TPS), Decision Support System(DSS), Knowledge Management System (KMS),



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Operations Support System (OSS), Management Support System(MSS), Process Control System(PCS), Enterprise Collaboration System(ECS), Artificial Intelligence (AI), Applications of Artificial Intelligence: Neural Networks, Fuzzy Logical Control Systems, Virtual Reality, Expert Systems (ES), Executive Information Systems (EIS)

Module 2: Management Information System

10

HOURS Management Information System (MIS): Definition and characteristics of MIS, Components of MIS, Function and Role of MIS, Process of MIS Implementation, Applications of MIS, System view of Business, Development of MIS within the organization, System approach in Planning, Organizing and Controlling MIS, Reasons for the failure of MIS.

Database Management Systems (DBMS): Overview; Components, Objectives of DBMS, Functions performed by DBMS, Recent trends in DBMS, The Concept of RDBMS;

Module 3: Information Systems Analysis and Design

12

HOURS Applications of Information System: Information System for Strategic Advantage, Strategic role for information system, Breaking business barriers and Improving business qualities, Business process reengineering. Information system analysis and design: Information



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SDLC, Stages in System Analysis – Structured SAD and tools like DFD (Data Flow Diagram), Context Diagram Decision Table, System Development models: Water Flow, Prototype, Spiral; Hardware and Software acquisition, system testing, documentation and its tools, conversion methods. Emerging Concepts and Issues in Information Systems: Supply Chain Management, Customer Relationship Management, ERP, Introduction to Data Warehousing, Data Mining and its Applications

Module 4: E-commerce and its Applications

10

HOURS Technology Adoption, Diffusion, and Absorption: New Technologies, Automation decisions, Technology Adoption, Perspectives of innovation diffusion process, Technology absorption – Role, benefits; Issues Involved in the Management of

Technology and Government Initiatives E-commerce: Introduction, Comparison between Traditional commerce and E-commerce, Advantages & Disadvantage of E-Commerce. Buying & Selling on Internet, Challenges in Implementing Electronic



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Security in cyberspace payment

Module 5: Ethics in IT

4 HOURS

Security and Ethical challenges of IT: Ethical Responsibility- Business Ethics, Technology Ethics; Ethical responsibilities of Business Professionals, environmental impact analysis, CyberCrime and Privacy Issues – Hacking, cyber theft, unauthorized use at work, Software and Intellectual property, Issues on internet privacy.

Ethical issues pertaining to Technology: Cloud and mobile computing, Internet of Things, M-Commerce, IT influence on the changing business environment, Health and Social Issues, Ergonomics and Cyber terrorism

Module 6: Introduction to Application Software

12 HOURS

Basics of MS-Word, MS-Excel and MS-Power point; Application of these software's for documentation and making reports; Preparation of questionnaires, Presentations, Tables and reports (Practical). Basic ways of connecting to the internet, Internet Protocol, IP Address, Working with Google Services: Docs, Spreadsheet, presenter, sites etc; Introduction to Oracle or MySQL, MS Access: Overview of MS-Access. Creating tables, queries, forms and reports in MS-Access for its strategic building



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Name of the Program: **Master of Business Administration**

Course Code: 2.3

Name of the Course: Entrepreneurship and Ethics

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4Hrs	60 Hrs

Course Learning Objectives:

1. The objective of the course is to understand the students with the entrepreneurship concepts, develop entrepreneurial talents and generate innovative business ideas in emerging industrial scenario and to understand the ways of starting a company of their own and also to create a conscious effort to treat people and companies with respect and establish a positive working environment.
2. To motivate the students on entrepreneurial opportunities and to run a business efficiently by various sources of financial supporting institutions for young entrepreneurs.



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Course Outcomes: On successful completion of the course, the students will be able to

1. Understand of starting a company by the various financial institutions support
2. Develop new innovative business ideas.
3. Understand the marketing demand in various forms of business
4. Aware of alternative to jobs and employment which will make them job providers in an ethical manner

Course Content

Module 1: Introduction to Entrepreneurship

8 HOURS

Concepts of entrepreneur and entrepreneurship, Importance and

Characteristics of entrepreneurs, Types of entrepreneurs,

Benefits and potential risks of

entrepreneurship, Myths of
affecting growth

Entrepreneurship,
of

Factors



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Entrepreneurship in India, Role of Entrepreneurship in Economic Development, Competency requirement for entrepreneurs - Awareness of self-competency and its development.

Module 2: Opportunity Assessment and Entrepreneurial Finance 10

HOURS Opportunity Identification and Selection, Environmental dynamics and changes, Business Opportunities in emerging environment, challenges of new venture start-ups, Pit falls in selecting new ventures, Critical factors for new venture development, why new ventures fail, Sources of Finance for New Venture. Institutional support for Enterprises-Central & State Government Policy regarding Small and Medium Scale Enterprises in India.

Module 3: Feasibility Analysis and Business plan 12 HOURS

Feasibility analysis of Industry, Market, Product or service and Finance; Business plan Meaning, Significance, contents, formulation and presentation of Business Plan, preparing a model project report for starting a new venture, Final project report with feasibility



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studyCommon errors in Business Plan formulation.

Module 4: Legal forms of Entrepreneurial Organizations 10 HOURS

Identifying legal structures, Selection of an appropriate legal structure, SoleProprietorship's, Partnerships, Companies, Companies under section 25, Franchising, Legal environment – patents, copyrights, trademarks.

Module 5: Social Entrepreneurship 8 HOURS

Introduction, Meaning, Perspective of social entrepreneurship, Social entrepreneurship in practice, Boundaries of Social entrepreneurship, growth of entrepreneur communities, Fewexperiments.

Module 6: Corporate Ethics 12 HOURS

Meaning and Need for business ethics, Arguments for and against Business ethics, Business Ethics in an Evolving Environment, Entrepreneurship and Start-Up Culture,ethical issues in start –up, Ethics and laws, Establishing strategy for ethical responsibility, Approaches to managerial ethics, Ethics and Business decisions,



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Frame work for ethical decision making, WhyEthics Still Matter, Becoming an EthicalProfessional , Making a Difference in the Business World, CSR, Environmental awareness, Ethical leadership by entrepreneurs, Corporate citizenship.

Skill Development Activities:

1. Understand types of entrepreneurs and what motivated them to start their career as entrepreneurs- Make Presentations
2. Students to identify their own innovative business ideas
3. Prepare a business plan and how to give a presentation of business plan for financial institutions and banks
4. Discuss with bankers / financial institutions to find out what they look for in a business plan - modify accordingly and present it in the class.
5. Identify the legal forms for organization and intellectual property rights for their business ideas
6. Submit business plan report at the end of the course in groups
7. Identify the social problems and business ideas to solve the problems faced by society and to know the impact of social



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entrepreneurs on society.

8. Create an awareness for entrepreneurs about ethics and CSR
9. Identify the organizations which are engaged in CSR and impact of that towards society.



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Master of Computer Application

Course Content

Module 1: Skills for Self-Development:

4 HOURS Need for Self-Development, Self-awareness by taking the help of JOHARI Window- SWOT Analysis; Showing initiative, Self-confidence, Problem-solving, Communication, Adaptability.

Module 2: Developing Employee Skill

6 HOURS Employee Skills: Need for development; Define the Skill, Steps required for Employee Skill development, Prepare and Practice; Create a Skill Development Plan, Review the Plan; Action and Control of the plan.

Module 3 Skills for Improving Work Process

6 HOURS Processes and Capabilities – Know your customer (exercise), Define the process of work, eliminate the waste from the work process, Reduce Variances, Improve process; Mapping value stream; Work Process and Relationship Maps; Work System Architecture.

Module 4 Goal Setting

4 HOURS

Goal Setting – Need & Importance, life cycle of goals; Develop Team



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Scorecard; Balanced ScoreCard; Target, Goals and Objectives; MBO & Self Control;

Module 5 Problem Solving Skills and Conflict Management 6

HOURS Importance, Attitudes of Problem Solving, Root-Cause Analysis; Plan-Do-Check- Act (PDCA) model; the 5 Whys, Fish Bone Model, Cause-Effect analysis; Pareto Analysis; Affinity Diagram; Design Thinking for Problem Solving. Conflict Management skills: Types and sources of conflicts; the influence of various cultures on the solving of conflicts.

Module 6 Facilitation Skills

4HOURS

People Skills, Networking Skills, Critical thinking: Emotional Intelligence or Emotional Quotient-Spiritual Quotient, Resilience; Professional ethics and code of conduct- Worklife balance, Time management: importance of time management: various steps for better time management pro

3MCA2: QUANTITATIVE, TEACHING AND RESEARCH APTITUDE

Total Teaching Hours: 36

No. of Hours / Week: 03



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UNIT – I

[8 Hours]

Numbers Property – Simplification – Divisibility – HCF and LCM – Decimal Fractions – Square roots and Cube Roots – Logarithms – Antilogarithms - Surds and indices - Permutation and Combination – Probability – Odd man out series - Number series - letter series – codes – Relationships – classification.

UNIT – II

[7 Hours]

Time and work – Problems on Ages – Calendar – Clock – Pipes and Cistern – Time and Distance – Problems of Train – Boats and Streams. Area – Volume and surface Areas – Heights and Distances – Data Interpretation: Tabulation – Bar Graphs – Pie Charts – Line Graphs. Data Interpretation - Sources, acquisition and interpretation of data; Quantitative and qualitative data; Graphical representation and mapping of data.

UNIT – III

[7 Hours]

Simple Interest – Compound Interest – Stocks and Shares – True Discount – Banker's discount. Averages – Percentage – Profit and Loss - Ratio and Proposition – Partnership – Allegation and mixture – Chain rule. Understanding the structure of arguments; Evaluating and distinguishing deductive and inductive reasoning; Verbal analogies: Word analogy Applied analogy; Verbal classification; Reasoning Logical Diagrams: Simple diagrammatic relationship, multi diagrammatic relationship; Venn diagram; Analytical



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Reasoning.

UNIT – IV

[7 Hours]

Teaching: Nature, objectives, characteristics and basic requirements; Learner's characteristics; Factors affecting teaching; Methods of teaching; Teaching aids; Evaluation systems. Research Aptitude: Meaning, characteristics and types; Steps of research; Methods of research;

Paper, article, workshop, seminar, conference and symposium; Thesis writing: its characteristics and format. Reading Comprehension: A passage to be set with questions to be answered. Communication: Nature, characteristics, types, barriers and effective classroom communication.

UNIT – V

[7 Hours]

Higher Education System: Governance, Polity and Administration; Structure of the institutions for higher learning and research in India; formal and distance education; professional/technical and general education; value education: governance, polity and administration; concept, institutions



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MCA205: PROFESSIONAL COMMUNICATION AND ETHICS

MCA206B: ELECTIVE-I –

Total Hours: 36

DATA MINING AND BUSINESS INTELLIGENCE

<p>Unit-I:</p> <p>Introduction and overview of BI-Effective and timely decisions, Data Information and knowledge, BI Architecture, Ethics and BI. BI Applications- Balanced score card, Fraud detection, Telecommunication Industry, Banking and finance, Market segmentation, Data preparation, Prediction methods, Mathematical method, Distance methods, Logic method, heuristic method-local optimization technique, stochastic hill climber, evaluation of models.</p>	<p>08</p>
<p>Unit-II:</p> <p>Introduction to DW, DW architecture, ETL Process, Top-down and bottom-up approaches, characteristics and benefits of data mart, Difference between OLAP and OLTP. Dimensional analysis- Define cubes. Drill- down and roll- up – slice and dice or rotation, OLAP models- ROLAP and MOLAP. Define Schemas, Star, snowflake and fact constellations, Data mining- definition and functionalities, KDD Process, Data Cleaning: - Missing values, Noisy data, data integration and transformations. Data Reduction: - Data cube aggregation, dimensionality reduction- data compression, Numerosity reduction- discretization and concept hierarchy.</p>	<p>10</p>



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Unit-III: Association rule mining: support and confidence and frequent item sets, market basket analysis, Apriori algorithm, Incremental ARM, Associative classification- Rule Mining, Introduction, Classification methods: Decision Tree- ID3, CART, Bayesian classification, Bayes theorem (Naïve Bayesian classification), Linear and nonlinear regression.	10
Unit-IV: Introduction, categorization of Major, Clustering Methods: partitioning methods- K-Means. Hierarchical Agglomerative and divisive methods, Model based- Expectation and Maximization, Text data analysis and Information retrieval, text retrieval methods, dimensionality reduction for text. Web Mining: web content, web structure, web usage	08

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