

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR
WOMEN AUTONOMOUS, KAKINADA**



**Integration of Cross cutting issues relevant
to
'Human Values & Professional Ethics' into
Curriculum during the year 2023-24
List of Courses offered**

S.NO	Title of the Course
1	Therapeutic Nutrition
2	Sahithi Sourabham
3	Aadhunika Kavitha Parichayam
4	Leadership skills
5	Business Organization
6	Business Management
7	Marketing Skills
8	Income Tax
9	Business Law
10	Service Marketing
11	Life Insurance with practice
12	General Insurance Procedure and Practice
13	A Course in Communication and Soft Skills
14	A Course in Reading and Writing Skills
15	A Course in Conversational Skills
16	Personality Development and Leadership

	Skills
18	Hindi Gadya Saahity
19	Hindi Padya Saahity
20	Sanskrit Praachin Pach Sahithyam
21	Sanskrit Aadhunika Gadya Sahithyam
22	Drama, Upanishad, Alamkara and History of Literature
23	Fundamentals of Social Sciences
24	Perspectives of Indian Society
25	Indian History
26	Modern Indian History and Culture
27	Science and Human Past
28	Tourism and Hospitality Services
29	Tourism Guidance and Operating Skills
30	History and Culture of Andhra

A.S.D Govt. Degree College for Women (A), Kakinada
Department of Home Science

HSC-401 - THERAPEUTIC NUTRITION

- 1) Remember the purpose of diet therapy and the therapeutic adaptations of normal diets.
- 2) Demonstrate an understanding of different diseases and their aetiology and symptoms.
- 3) Apply the knowledge of different nutrients and their role in disease management.
- 4) Analyze the importance of dietary management in controlling and preventing diseases.
- 5) Evaluate the complications associated with various diseases and offer diet counselling.
- 6) Design and develop therapeutic diets for specific conditions, considering the dietary adaptations required and the nutritional needs of individuals.

THEORY

Unit -I Introduction to Therapeutic Nutrition

- Therapeutic Nutrition – Purpose of Diet Therapy, Therapeutic adaptation of normal diets – liquid, soft and special feeding methods
- Dietitian – Roles and responsibilities,
- Diet counseling,
- IDA – Indian Dietetic Association

Unit -II Malnutrition and Fevers

- Fevers – Acute and Chronic fevers – Typhoid, T.B. – Causes, symptoms and dietary management
- Under weight – Causes, assessment and dietary management
- Overweight and Obesity – Causes, assessment and dietary management and complications

Unit -III Gastrointestinal and Liver Diseases

- Gastrointestinal Diseases – Peptic ulcer, Diarrhoea, Constipation- causes, symptoms and dietary management
- Liver diseases – Hepatitis, Cirrhosis of liver - Causes, symptoms and dietary management

Unit -IV Cardio-vascular and Renal Diseases

- Cardio-Vascular Diseases – Dietary modifications, Role of fat in the development of Atherosclerosis,
- Hypertension - Causes, symptoms and dietary management
- Kidney disease – Glomerulonephritis, Nephrosis, Chronic Renal Failure - Causes, symptoms and dietary management

Unit -V Diabetes and Cancer

- a. Diabetes Mellitus – Classification, causes, symptoms, Diagnosis, Dietary management and complications
- b. Cancer – Classification, dietary modifications

**A.S.D. Government Degree College for Women (Autonomous)
Kakinada**

DEPARTMENT OF TELUGU



BOARD OF STUDIES MEETINGS

2023-24

25.09.2023

అన్నవరం సత్యవతి దేవిప్రభుత్వ మహిళా కళాశాల (స్వయంప్రతిపత్తి) కాకినాడ

బి.ఎ/బి.కామ్/బిఎస్సి ప్రథమ సంవత్సరం - సి.బి.సి.ఎస్ పాఠ్య ప్రణాళిక-

జనరల్ తెలుగు సెమిస్టర్- 1 కోర్స్-1

సాహితీ సౌరభము

పాఠ్య ప్రణాళిక

కోర్స్ కోడ్-TEL23103

యూనిట్-1 (ప్రాచీన కవిత్వం)

రాజనీతి - నన్నయ్య - ఆంధ్ర మహాభారతం-సభాపర్వం ప్రథమాశ్వాసం (26-57 పద్యాలు)

*నన్నయ్య - కవి పరిచయం

* ప్రజాపాలన నాడు-నేడు

*రాజనీతి పాఠ్యాంశ సందేశం

*రాజనీతి - పాఠ్యాంశ ఇతివృత్తం

యూనిట్-II (ఆధునిక కవిత్వం)

గబ్బిలం - జాషువా - ప్రథమ భాగం (1-40 పద్యాల వరకు)

*గుర్రం జాషువా కవి పరిచయం, కవితా శైలి

*కావ్య రచనా నేపథ్యం

*గబ్బిలం పాఠ్యాంశ ఇతివృత్తం

*పాఠ్యాంశ సందేశం

యూనిట్-III (కథానిక)

అలరాస పుట్టిళ్ళు - కళ్యాణ సుందరీ జగన్నాథ్

*రచయిత్రి పరిచయం

*కథా నేపథ్యం, సందేశం

*కథాంశం

*పాత్ర చిత్రణ

దిద్దుబాటు - గురజాడ అప్పారావు (6వసం) (Not for semester exams)

*రచయిత పరిచయం

*కథా నేపథ్యం, సందేశం

*కథాంశం

*పాత్ర చిత్రణ

యూనిట్ - IV (నవల)

అసమర్థుని జీవయాత్ర - త్రిపురనేని గోపీచంద్

* రచయిత పరిచయం.

*నవల నేపథ్యం

*నవలా సందేశం

*నవల ఇతివృత్తం, పాత్ర చిత్రణ

యూనిట్ - IV (జీవిత చరిత్ర)

మూడు వాఙ్మయ శిఖరాలు- తిరుమల రామచంద్ర

* తిరుమల రామచంద్ర - కవి పరిచయం

* నిడదవోలు వేంకటరావు

* వేటూరి ప్రభాకరశాస్త్రి

* మానవల్లి రామకృష్ణ కవి

వ్యాకరణం

సంధులు: అత్య, ఇత్య, ఉత్య, త్రిక, గసడదవాదేశ, ద్వరుక్త టకార, సవర్ణ దీర్ఘ, గుణ, యణాదేశ సంధులు

సమాసాలు: అవ్యయాభావ, తత్పురుష, కర్మధారయం ద్వగు, బహువ్రీహి సమాసాలు

అర్థాలంకారాలు : ఉపమ, ఉత్ప్రేక్ష, రూపక స్వభావోక్తి, అర్థాంతర వ్యాస, అతిశయోక్తి, శ్లేష, వృత్త్యనుప్రాస, అంత్యానుప్రాస అలంకారాలు

ఆధార గ్రంథాలు:

1. శ్రీమదాంధ్ర మహాభారతము - -సభాపర్వము - తిరుమల తిరుపతి దేవస్థానం ప్రచురణ
2. గబ్బిలం - జాషువా
3. అలరాస పుట్టిళ్లు - కళ్యాణ సుందరీ జగన్నాథ్
4. అసమర్థుని జీవయాత్ర - త్రిపురనేని గోపీచంద్ 5. మూడు వాఙ్మయ శిఖరాలు - తిరుమల రామచంద్ర

సూచించబడిన సహపాఠ్య కార్యక్రమాలు:

1. నన్నయ్య, తిక్కన, ఎఱ్ఱన మొదలైన ప్రసిద్ధ కవుల పాఠ్యాంశేతర పద్యాలను ఇచ్చివిద్యార్థుల చేత సమీక్షలు రాయించడం, ఆయా పద్యాల్లోని యతిప్రాసాది ఛందోవిశేషాలను గుర్తింపజేయడం.
2. విద్యార్థులచేత పాఠ్యాంశాలకు సంబంధించిన వ్యాసాలు రాయించడం (సెమినార్/అసైన్మెంట్)
3. ప్రాచీన పాఠ్యాంశాలలోని సమకాలీనతను గూర్చిన బృంద చర్చ, ప్రాచీన సాహిత్యాన్ని నేటి సామాజిక దృష్టితో పునర్మూల్యాంకనం చేయించడం.
4. చారిత్రక, సాంస్కృతిక అంశాలకు సంబంధించిన పర్యాటక ప్రదేశాలను సందర్శించడం.
5. వ్యక్తిగత/బృంద ప్రాజెక్టులు చేయించడం.

అన్నవరం సత్యవతి దేవిప్రభుత్వ మహిళా కళాశాల (స్వయంప్రతిపత్తి) కాకినాడ

బి.ఎ/బి.కామ్/బిఎస్సి ప్రథమ సంవత్సరం - సి.బి.సి.ఎస్ పాఠ్య ప్రణాళిక-

మైసూర్ తెలుగు సమిష్టర్- II పేజర్-1 M-ST23201

ఆధునిక కవితా పరిచయం పాఠ్య ప్రణాళిక

యూనిట్-1 - ఆధునిక కవితా లక్షణాలు - ఆవిర్భావ వికాసాలు - జాతీయోద్యమ కవిత్యం

1. కవి పరిచయం - రాయప్రోలు సుబ్బారావు
2. జన్మభూమి (గేయం)- రాయప్రోలు సుబ్బారావు
3. కవి పరిచయం - గరిమెళ్ళ సత్యనారాయణ
4. మా కొద్దీ తెల్ల దొరతనం - గరిమెళ్ళ సత్యనారాయణ

యూనిట్ - II భావ కవిత్యం

5. కవి పరిచయం - దేవులపల్లి కృష్ణశాస్త్రి
6. స్వచ్ఛా గీతం - కవితా ఖండిక
7. కవి పరిచయం - దేవరకొండ బాలగంగాధర తిలక్
8. అమ్మతం కురిసిన రాత్రి - కవితా ఖండిక

యూనిట్ - III ఆభ్యుదయ కవిత్యం

9. కవి పరిచయం - గుంటూరు శేషేంద్ర శర్మ
10. ఆధునిక మహాభారతం- ప్రజా పర్వం- ఒకటో సర్గ
11. కవి పరిచయం - శివసాగర్
12. నరుడో భాస్కరుడా! - కవితా ఖండిక

యూనిట్ - IV దళిత కవిత్యం

9. కవి పరిచయం - ఎండ్లూరి సుధాకర్
10. గోసంగి కావ్య నేపథ్యం
11. గోసంగి - దీర్ఘ కావ్యం
12. దీర్ఘ కావ్య ప్రక్రియ - లక్షణాలు, కవిత్య శైలి

యూనిట్ - V స్త్రీ వాద కవిత్యం

17. కవయిత్రి పరిచయం - సావిత్రి
18. బందిపోటు - కవితా ఖండిక
19. కవయిత్రి పరిచయం - విమల
20. సౌందర్యాత్మక హింస- కవితా ఖండిక

సమాన సన్నివేశంలో వివిధ కవుల వాక్యప్రయోగశైలులు : భేదసామ్యాలు

I. ప్రాత:కాల, సంధ్యావర్ణనలు: ధూర్జటి-తిలక్

ధూర్జటి: శ్రీకాళహస్తిమాహాత్మ్యము: ద్వితీయాశ్వాసం

ప్రాత:కాల వర్ణన : నిర్మిద్ర పూర్వాది అరుణ శోణాంశురాటి (138వ పద్యం)

సంధ్యావర్ణన : ప్రాగ్వధూమణి భానుదీపంబు గ్రుంకె. (128వ పద్యం)

తిలక్: 'అమృతం కురిసిన రాత్రి'

ప్రాత:కాలవర్ణన: 'ప్రాత:కాలం' (4,5 పేజీలు)

సంధ్యావర్ణన : 'సంధ్య' (6వ పేజీ)

II. సామాన్యని వర్ణన: విశ్వనాథ- రావిశాస్త్రి

విశ్వనాథ సత్యనారాయణ - పులుల సత్యాగ్రహం-పుటలు 20-22

(ఇట్లు ఉండగా ఆ ఊరికి వేటలు వచ్చినప్పుడు పట్వారీ రాడు... ఎలాగౌతుంది?)

రాచకొండ విశ్వనాథశాస్త్రి - అల్పజీవి - పుటలు 5-8

(సుబ్బయ్య సుందరుడు కాదు..... తర్వాత ఏమి జరిగిందో సుబ్బయ్యకు జ్ఞప్తి లేదు)

◆ ఆధారగ్రంథాలు/ వ్యాసాలు

1. బాలవ్యాకరణము - చిన్నయసూరి
2. ప్రౌఢ వ్యాకరణం - బహుజనపల్లి, సీతారామాచార్యులు
3. సంధి - కోరాడ రామకృష్ణయ్య
4. ఆంధ్రభాషా వికాసము - ఆచార్య గంటి జోగిసోమయాజి.
5. తెలుగుభాషాచరిత్ర - సం. భద్రిరాజు కృష్ణమూర్తి
6. ఆధునిక తెలుగుభాషాసంగ్రహవర్ణన- చేకూరి రామారావు, తెలుగుభాషాచరిత్ర-సం. భద్రిరాజు కృష్ణమూర్తి
7. తెలుగువాక్యం - చేకూరి రామారావు
8. అమృతం కురిసిన రాత్రి (మూడో కూర్పు) - దేవరకొండ బాలగంగాధర తిలక్, విశాలాంధ్ర ప్రచురణ
9. అంతర్జాలం లోని సంబంధిత ఆధారాలు

◆ సహపాఠ్య కార్యక్రమాలు

అధ్యాపకులు, విద్యార్థులు తప్పనిసరిగా చేయాల్సిన పనులు :

1. అధ్యాపకులు :- విద్యార్థులకు తరగతిగదిలో (అవసరమైతే ప్రత్యేక నిపుణుల ద్వారా) తెలుగు వ్యాకరణాంశాలపై అధ్యాపకులు నైపుణ్యశిక్షణ ఇవ్వాలి. తెలుగుభాషపై సంస్కృతభాషా ప్రభావాన్ని తెలియజేస్తూ, వ్యాకరణంలోని సంజ్ఞ, సంధి, సమాస, క్రియ,వాక్యాది భేదాలపై శిక్షణ ఇవ్వాలి.
2. విద్యార్థులు:- విద్యార్థులు పై యూనిట్లలోని 'సంజ్ఞ,సంధి,సమాస,క్రియ,వాక్యాది విషయాలలో ఏదోఒక అంశం మీద క్షేత్రస్థాయిలో/ అంతర్జాలం ద్వారా వాడుకలో ఉన్న వాటిని పరిశీలించాలి. వాటిపై తమపరిశీలనను క్రోడీకరిస్తూ, స్వీయ దస్తూరిలో, పది పేజీలకు మించని ఒక 'నివేదిక'ను తయారుచేసి, అధ్యాపకుడికి సమర్పించాలి. ఉదా: 'పాడు, పంచు, చేయు, అను, ఉండు' ధాతువులకు క్రియారూపాలు నిర్మించడం-మొదలైనవి.

అన్నవరం సత్యవతి దేవిప్రభుత్వ మహిళా కళాశాల (స్వయంప్రతిపత్తి) కాకినాడ

SKILL COURSE

w.e.f. AY 2023-24

SEMESTER-I

LEADERSHIP SKILLS

క్రొ.కొ.కొ. - LS23102SC

Theory

Credits: 2

2 hrs/week

Learning Outcomes:

By successful completion of the course, students will be able to:

1. Develop comprehensive understanding of personality
2. Know how to assess and enhance one's own personality
3. Comprehend leadership qualities and their importance
4. Understand how to develop leadership qualities

Syllabus:

Unit – I:

Meaning of Personality – Explanations of Human Personality – Psychodynamic Explanations – Social Cognitive Explanation – Big Five traits of Personality

Unit – II:

Assessment of Personality - Projective & Self Report Techniques - Building Self-Confidence – Enhancing Personality Skills

Unit – III:

Leadership Characteristics – Types of Leaders – Importance of Leadership – Leadership Skills – Building and Leading Efficient Teams – Leadership Qualities of Abraham Lincoln, Mahatma Gandhi, Prakasam Pantulu, Dr. B. R. Ambedkar & J.R.D. Tata

Co-curricular Activities Suggested:

1. Assignments, Group discussions, Quiz etc.,
2. Invited Lecture by a local expert
3. Case Studies (ex., on students behavior, local leaders etc.)

Reference Books:

- Girish Batra, Experiments in Leadership, Chennai: Notion Press, 2018
- Mitesh Khatri, Awaken the Leader in You, Mumbai: Jaico Publishing House, 2013
- Carnegie Dale, Become an Effective Leader, New Delhi: Amaryllis, 2012
- Hall, C.S., Lindzey. G. & Campbell, J.B Theories of Personality. John Wiley & Sons, 1998

**A.S.D. GOVERNMENT DEGREE COLLEGE FOR
WOMEN (AUTONOMOUS) KAKINADA**

(Under the jurisdiction of Adikavi Nannaya University)

Reaccredited by NAAC with B Grade (3rd Cycle)

2023-24



DEPARTMENT OF COMMERCE

COURSE 2: BUSINESS ORGANIZATION

Unit 1: Business: Concept, Meaning, Features, Stages of development of business and importance of business. Classification of Business Activities. Meaning, Characteristics, Importance and Objectives of Business Organization.. **Difference between Industry & Commerce and Business & Profession, Modern Business and their Characteristics.**

Unit 2: Promotion of Business: Considerations in Establishing New Business. **Qualities of a Successful Businessman.** Forms of Business Organization - **Sole Proprietorship, Partnership, Joint Stock Companies & Co-operatives and their Characteristics, relative merits and demerits, Difference**

Unit 3: Plant Location and Layout: Meaning, Importance, Factors affecting Plant Location. Plant Layout - Meaning, Objectives, Importance, Types of Layout. Factors affecting Layout. Size of Business Unit - Criteria for Measuring the Size and Factors affecting the Size. Optimum Size and factors determining the Optimum Size.

Unit 4: Business Combination: Meaning, Characteristics, Objectives, Causes, Forms and Kinds of Business Combination. Rationalization: Meaning, Characteristics, Objectives, Principles, Merits and demerits, Difference between Rationalization and Nationalization.

Unit 5: Computer Essentials: Milestones of Computer Evolution – Computer, Block diagram, generations of computer. Internet Basics - Internet, history, Internet Service Providers, Types of Networks, IP, Domain Name Services, applications. Ethical and Social Implications - Network and security concepts- Information Assurance Fundamentals, Cryptography - Symmetric and Asymmetric, Malware, Firewalls, Fraud Techniques, privacy and data protection.



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AUTONOMOUS
KAKINADA

SEMESTER-II
COURSE 4: BUSINESS MANAGEMENT
COURSE CODE: CBM23202

Unit 1: Management: Definition & Meaning of Management - Henry Fayol Principals of Management and F.W.Taylor's Scientific Management - Functions of Management - Levels of Management..

Unit 2: Planning: Planning – Nature, importance, **Process of Planning and Types of Planning.**
Decision making – Process and Types

Unit 3: Organizing: Organizing - Nature & Importance, Principles of Organizing. Delegation & Decentralization – Departmentation – Span of Management. **Organizational structure – line, line & staff and functional.**

Unit 4: Directing: Functions of Directing - Motivation – Theories of motivation (Maslow Need and Hierarchy theory) and Motivation techniques. **Leadership – Styles of Leadership and Types.**

Unit 5: Controlling; Nature, importance and Problems – effective coordination. **Basic Control Process and Control techniques.**



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MARKETING SKILLS
COURSE CODE: MRK203203

Unit I: Introduction to Marketing: Core Marketing Concepts – Company Orientation towards the Marketplace – The Holistic Marketing Concept - Marketing Management Tasks; Marketing Environment: Macro and Micro Components and their Impact on Marketing Decisions – Marketing Research and Information; Market Segmentation, Targeting and Positioning Strategies - Determinants of Consumer Behaviour;

Unit II: Marketing Mix: Elements of Marketing Mix - Product, Price, Promotion and Place, 7P's of Service Marketing Mix; Product: Classification of Products - Product Life Cycle - New Product Development – Branding Decisions; Price: Pricing Strategies: Understanding Pricing – Steps in setting the Price - Price Adapting Policies, and Initiating and Responding to Price Changes: Promotion: Marketing Communications, Promotion Mix Elements: Advertising, Sales Promotion, Personal Selling, Events and Experiences, **Public Relations and Publicity, Online and Social Media Marketing; Place: Marketing Channels:** Channel Functions and Flows, Channel Management Decisions..

Unit III: Nature and Role of Selling: Importance of Selling, Nature and Role of Selling: Importance of Selling – Role in the Context of Organization; Attributes of a Good Salesperson: Personality and Physical Characteristics, Enthusiasm, Confidence, Intelligence, Self-Worth, Knowledge-product, Competition, Organization, Market, Customer, Territory; Communication Skills, Persuasive Skills. **Personal Selling Skills:** The opening – Need and problem identification– the Presentation and Demonstration – Dealing with Objections – Negotiations – Closing the Sale - follow up.



Course 4C: Income Tax (Gen & CA)
COURSE CODE: IT23404

Unit-I: Introduction to Income Tax Law - Basic concepts: Income, Person, Assesse, Assessment year, Agricultural Income, Capital and revenue, Residential status, **Income exempt from tax** (theory only).


Unit-II: Income from salary: Allowances, perquisites, **profits in lieu of salary, deductions from salary income, computation of salary income and qualified savings eligible for deduction** u/s 80C (including problems).

Unit-III: Income from House Property: Annual value, let-out/self occupied/ deemed to be let-out house, deductions from annual value - computation of income from house property (including simple problems). - **Profits and Gains from Business or Profession (theory only)**

Unit-IV: Income from Capital Gains (including problems on long term capital gains)- **Income from other sources - (from Individual point of view) - chargeability - and assessment** (including simple problems).

Unit-V: Computation of total income of an individual - Deductions under section - 80 (including simple problems).




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Course 4D Business Law (Gen & CA) COURSE CODE: BL23403

Meaning and Definition of Contract-Essential elements of valid Contract -Valid, Void and Voidable Contracts - Indian Contract Act, 1872.

Unit-II: Offer and Acceptance

Definition of Valid Offer, Acceptance and Consideration -Essential elements of a Valid Offer, Acceptance and Consideration.

Unit-III: Capacity of the Parties and Contingent Contract

Rules regarding to Minors contracts - Rules relating to contingent contracts - Different modes of discharge of contracts-Rules relating to remedies to breach of contract.

Unit-IV: Sale of Goods Act 1930

Contract of sale - Sale and agreement to sell - Implied conditions and warranties - Rights of unpaid vendor.

Unit-V: Cyber Law and Contract Procedures - Digital Signature - Safety Mechanisms.



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Course 17 C -Service Marketing

COURSE CODE: SM235206-17C

Unit 1: Introduction: Nature and Scope of services

Introduction: Nature and Scope of services characteristics of services, classification of services – need for service marketing - reasons for the growth of services sector, Overview of marketing Different Service Sectors -Marketing of Banking Services - Marketing in Insurance Sector - Marketing of Education Services.

Unit-2: Consumer Behavior in Services Marketing

Customer Expectations on Services- Factors influencing customer expectation of services. - Service Costs experienced by Consumer, the Role of customer in Service Delivery, Conflict Handling in Services, Customer Responses in Services, Concept of Customer Delight

Unit-3: Customer Relationship marketing and Services Market Segmentation.

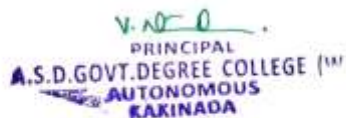
Customer Relationship marketing: Meaning -Importance of customer & customer's role in Service delivery, Benefits of customer relationship, retention strategies. Services Market Segmentation: - Market segmentation -Basis & Need for segmentation of services, bases of Segmentation services, segmentation strategies in service marketing.

UNIT 4: Customer Defined Service Standards.

Customer Defined Service Standards - Hard and Soft, Concept of Service Leadership and Service Vision -Meeting Customer Defined Service Standards -Service Flexibility Versus Standards - Strategies to Match Capacity and Demand - managing Demand and Supply of Service –applications of Waiting Line and Queuing Theories to Understand Pattern.

Unit 5: Service Development and Quality Improvement.

Service Development – need, importance and Types of New Services - stages in development of new services, service Quality Dimensions - Service Quality Measurement and Service Mapping, Improving Service Quality and Service Delivery, Service Failure and Recovery.



Course- 20-B. LIFE INSURANCE WITH PRACTICE
COURSE CODE: LIP235204-21B

Unit-I: Features of Life insurance contract Life Insurance- Features- Advantages - Group Insurance – Group Gratuity Schemes – Group Superannuation Schemes, Social Security Schemes- Life Insurance companies in India.

Unit-II: Plans of Life Insurance

Types of Plans: Basic - Popular Plans – Term Plans-Whole Life-Endowment-Money Back-Savings-Retirement-Convertible - Joint Life Policies - Children’s Plans - Educational Annuity Plans - Variable Insurance Plans – Riders

Unit-III: Principles of Life Insurance

Utmost Good Faith- Insurable Interest- Medical Examination - Age proof, Special reports - Premium payment - Lapse and revival – Premium, Surrender Value, Non-Forfeiture Option - Assignment of Nomination- Loans – Surrenders – Foreclosure.

Unit-IV: Policy Claims

Maturity claims, Survival Benefits, Death Claims, Claim concession - Procedures Problems in claim settlement - Consumer Protection Act relating to life insurance insurance claims.

Unit-V: Regulatory Framework and Middlemen

Role of IRDAI & other Agencies - Regulatory Framework - Mediators in Life Insurance – Agency services – Development Officers and other Officials.



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**Course 21- B. GENERAL INSURANCE PROCEDURE AND PRACTICE
COURSE CODE: GIP205204-21B**

Unit-I: Introduction

General Insurance Corporation Act - General Insurance Companies in India - Areas of General Insurance- Regulatory Framework of Insurance- IRDA - Objectives - Powers and Functions - Role of IRDA- Insurance Advisory Committee.

Unit-II: Motor Insurance:

Motor Vehicles Act 1988 - Requirements for compulsory third party insurance – Policy Documentation & Premium- Certificate of insurance – Liability without fault Compensation on structure formula basis - Hit and Run Accidents.

Unit-III: Fire & Marine Insurance

Kinds of policies – Policy conditions – Documentation- Calculation of premium- Calculation of Loss- Payment of claims.

Unit-IV: Agriculture Insurance

Types of agricultural insurances - Crop insurance - Problems of crop insurance - Crop Insurance Vs Agricultural relief - Considerations in Crop insurance - Live Stock Insurance.

Unit-V: Health & Medical Insurance

Types of Policies-Calculation of Premium- Riders-Comprehensive Plans-Payment of Claims.



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AUTONOMOUS
KAKINADA

Paper Code: ENG

A.S.D. GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KAKINADA

DEPARTMENT OF ENGLISH

General English for B.A., B.Com & B.Sc SEMESTER - I (With effect from 2023-2024)

A COURSE IN COMMUNICATION AND SOFT SKILLS

Syllabus

I. UNIT: Listening Skills

- a. Importance of Listening
- b. Types of Listening
- c. Barriers to Listening
- d. Effective Listening

II. UNIT: Phonetics

- a. Sounds of English: Vowels and Consonants
- b. Syllable
- c. Word Stress
- d. Intonation

III. UNIT: Grammar

- a. Words Often confused
- b. Articles
- c. Prepositions
- d. Tenses
- e. Question tags

IV. UNIT: Speaking Skills

- a. Greetings & Introduction
- b. Asking and Giving Information
- c. **Yes, We Can** Barack Obama
- d. Agreeing/ Disagreeing
- e. **A Leader Should Know How to Manage Failure** Dr. A.P.J. Abdul Kalam

V. UNIT: Soft Skills

- a. SWOC
- b. **Attitude**
- c. **Emotional Intelligence**
- d. Netiquette
- e. **Interpersonal Skills**

PAPER CODE -
A.S.D GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA
Department of English
GENERAL ENGLISH FOR B.A.,B.Com.,B.Sc : 2023-2024
SEMESTER -II (With effect from 2023-2024)
A COURSE IN READING AND WRITING SKILLS

Prose

1. The Last Leaf - O'Henry
2. The Night Train at Deoli --- RuskinBond
3. God sees the Truth but waits - Leo Tolstoy

Poetry

4. Night of the Scorpion Nissim Ezekiel
5. Ulysses Alfred Lord Tennyson
6. Stopping by Woods on a Snowy Evening Robert Frost

Non-Detailed Text

7. Florence Nightingale
8. An Astrologer's Day RK Narayan

Academic Skills

1. Skimming and Scanning
2. Note Making / Taking
3. Reading Comprehension (Top Down, Bottom Up and Schema Theory)
4. Expansion of Ideas
5. Vocabulary: Conversion of Words
6. One Word Substitutes

Professional Skills

7. Notices, Agendas and Minutes
8. Curriculum Vitae and Resume
9. Letters
10. E-Correspondence


References:

1. Communication Skills (2nd Edition), Sanjay Kumar &Pushp Lata, OUP 2016.
2. The New Oxford Guide to Writing, Thomas. S. Kane,
3. Reading Skills: How to Read Better and Faster- Speed Reading, Reading
4. Comprehension & Accelerated Learning (2nd Edition), Nick Bell.
5. English Vocabulary in Use: Upper Intermediate, Cambridge University Press.

Textbooks:

1.

Referencebooks:

	A.S.D.GOVERNMENT COLLEGE FOR WOMEN AUTONOMOUS KAKINADA 2023-24	Program & Semester			
Course Code	TITLE OF THE COURSE A Course in Conversational skills	Semester - III B.A., B.Com., & B.Sc.			
Teaching	Hours Allocated: 60 (Theory)	L	T	P	C
Pre-requisites:		3	1	-	3

A Course in Conversational Skills

Learning Outcomes

By the end of the course the learner will be able to:

- Speak fluently in English
- Participate confidently in any social interaction
- Face any professional discourse
- Demonstrate critical thinking
- Enhance conversational skills by observing the professional interviews

I.UNIT

Speech: 1. Tryst with Destiny Jawaharlal Nehru

Skills: 2. Greetings

3. Introductions

II. UNIT

Speech: 1. I Have a dream

Interview: 2. A Leader Should Know How to Manage Failure Dr.A.P.J.Abdul Kalam/ India

Knowledge at Wharton

Skills: 3. Requests

III. UNIT

Interview: 1. Nelson Mandela's Interview With Larry King

Skills: 2. Asking and Giving

Information: 3. Agreeing and Disagreeing

IV. UNIT

Interview: 1. JRD Tata's Interview With T.N.Ninan Skills :

2. Dialogue Building:

3. Giving Instructions/Directions

V. UNIT 1. Speech: 1. You've Got to Find What You Love Steve Jobs

Skills: 2. Debates

3. Descriptions

4. Role Play

Textbooks:

1. Praxis Pro -III

2. Skills Enrich

Referencebooks:

1. English Grammar & Composition-Wren & Martin

2. Advanced Grammar in Use-Martin Hewings

3. Business Vocabulary in Use-Bill Mascull

WebLinks:

1. <https://www.vedantu.com> > superspeakers

2. <https://in.zapmetasearch.com> > English Training

Course 3. <https://www.udemy.com> > English > Online-

Course

4. <https://www.khanacademy.org> > prep > praxis-core

5. <https://www.ets.org> > praxis

CO-POMapping:

(1:Slight[Low]; 2:Moderate[Medium]; 3:Substantial[High], '-':No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	2	3	3	2	3	2	3	2
CO2	2	3	2	3	3	3	3	2	3	2	3	2	3
CO3	3	2	3	3	2	2	2	2	2	3	3	3	3
CO4	2	3	2	3	3	3	3	3	3	3	2	2	2
CO5	3	2	3	2	3	2	3	2	2	3	3	3	3

PAPER CODE :LSC
A.S.D. GOVERNMENT DEGREE COLLEGE
(A), Kakinada
DEPARTMENT OF ENGLISH
SEMESTER - III
Life Skill Course for B.A., B. Com & B. Sc,B.Sc (Voc) & B.Com. (Voc)
Revised CBCS w.e.f 2020-2021
Personality Enhancement & Leadership
 Total 30 hrs (02 h/wk, 02 Credits& Max 50 Marks)

Learning Outcomes:

By successful completion of the course, students will be able to:

- Develop comprehensive understanding of personality
- Know how to assess and enhance one's own personality
- Comprehend leadership qualities and their importance
- Understand how to develop leadership qualities

Syllabus:

Unit – I:(7 hrs)

Meaning of Personality – Explanations of Human Personality – Psychodynamic Explanations – Social Cognitive Explanation – Big Five traits of Personality

Unit – II: (8 hrs)

Assessment of Personality - Projective& Self Report Techniques – Building Self-Confidence – Enhancing Personality Skills

Unit – III:(10 hrs)

Leadership Characteristics – Types of Leaders – Importance of Leadership – Leadership Skills – Building and Leading Efficient Teams – Leadership Qualities of Abraham Lincoln, mahatma Gandhi, PrakasamPantulu, Dr. B. R. Ambedkar&J.R.D.Tata

Co-curricular Activities Suggested: (05 hrs)

1. Assignments, Group discussions, Quiz etc
2. Invited Lecture by a local expert
3. Case Studies (ex., on students behavior, local leaders etc.)

Reference Books:

- GirishBatra, Experiments in Leadership, Chennai: Notion Press, 2018
- MiteshKhatri, Awaken the Leader in You, Mumbai: Jaico Publishing House, 2013
- Carnegie Dale, Become an Effective Leader, New Delhi: Amaryllis, 2012

ASD Government College for Women (Autonomous), Kakinada

DEPARTMENT OF HINDI

I B.A/B.Com/B.Sc/B.Voc, SEMESTER- I, Syllabus 2023-24

(Gadya Saahity)

Unit-I

1. मित्रता- आचार्य रामचंद्र शुक्ल
2. संस्कृति और साहित्य का परस्पर संबंध- डॉ. जी. सुंदर रेड्डी
3. बिंदा- महादेवी वर्मा

Unit- II

- 1.मुक्तिधन- प्रेमचन्द
- 2.पुरस्कार- जयशंकर प्रसाद
- 3.और वह पढ़ गई- डॉ कुसुम वियोगी

Unit- III

हिन्दी साहित्य का इतिहास

1. सामान्य परिचय
2. काल विभाजन

Unit- IV

1. कार्यालयीन शब्दावली (अंग्रेजी से हिन्दी, हिन्दी से अंग्रेजी)
2. वाक्यों की शुद्धि
3. काल
4. कारक

Unit-V

पत्र लेखन

1. व्यक्तिगत पत्र
2. आवेदन पत्र

(छुट्टी पत्र, पिता जी के नाम पर पत्र, मित्र के नाम पर पत्र, प्राध्यापक पद के लिए आवेदन पत्र, अनुवादक पद के लिए आवेदन पत्र)

ASD Government College for Women (Autonomous), Kakinada

DEPARTMENT OF HINDI

I B.A /B.Com/B.Sc/ SEMESTER- II, Syllabus 2023-24

(Hindi Padya Sahitya)

Unit-1-प्राचीन कविता

१. कबीर दास ५ दोहे
२. वृंद दास के दोहे - ५ दोहे
३. तुलसीदास - ५ दोहे

Unit - II-आधुनिक कविता

१. ठूठ - आलूरी बैरागी
२. भिक्षुक - सूर्यकांत त्रिपाठी निराला
३. मादा भ्रूण- रजनी तिलक

Unit - III-सामान्य निबन्ध

१. विद्यार्थी और अनुशासन
२. विश्व भाषा के रूप में हिंदी
३. विद्यार्थी जीवन में सोशल मीडिया की सुविधाएं एवं चुनौतियां

Unit-IV-प्रयोजन मूलक हिन्दी - परिचय

सरकारी पत्र- परिभाषा एवं पत्र का नमूना

१. परिपत्र
२. ज्ञापन
३. अधिसूचना

Unit - V

१. अनुवाद - अंग्रेजी से हिन्दी (४-५ पंक्तियों) तेलुगू से हिन्दी (४-५ पंक्तियाँ)
२. संक्षेपण

A.S.D. Govt. Degree. College for Women (Autonomous) Kakinada
DEPARTMENT OF SANSKRIT
B.A/B.Com/BSc – I Semester
Poetry, Prose & Grammar

Course Code: SAN24101

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

CO1 Students will be self To have Knowledge on Language and Literature of Sanskrit
Various genres of Sanskrit Literature

CO2 To have knowledge about the ancient Sanskrit literature- the Grammar aspects of
Poetry

CO3 Inculcation of Moral values through teaching of Sanskrit Poetry
andOtherLiterature

–such as Subhashitas, Panchatantra Stories, etc

CO4 To improve functional Communication skills in Sanskrit language

Learning Outcomes:

1. प्राचीन संस्कृतसाहित्य स्वरूपराम भवति।
2. आधुनिक संस्कृतसाहित्य स्वरूप परिजानमभवति।
3. मौनिक व्याकरण परिचयः भवति।

II Syllabus: (Teaching Hours: 4

UNIT:I प्राचीन पद्य साहित्यम् (9
h)

1. धनुर्मवृगः श्रीमद्भामयणे बालकाण्डे 67 सर्गै
2. शरणागलरक्षणम् श्रीमहाभारते अनुशासनपर्वणि 32 अध्यायः

UNIT:II आधुनिक पद्य साहित्यम्: (9 h)

1. महोदयः मुञ्जपूडि नारयणाणिः पुत्रसजीयन काव्ये 2 सर्गे :
2. रामकीर्ति सत्यवतासिण श्रीरामकीर्ति महाकाव्ये। सर्ग

UNIT: III गद्य साहित्यम् (9 h)

1. खलोकती : हितोपदेश सन्धि परिच्छेदात्
2. लोकमान्य : श्रीरामनाथ शास्त्रीकृत :निबन्धः

UNIT:IV व्याकरणम् ।

(9 h)

I. 1.अजन्त शब्दाः (देव ,कवि , भानु, धातू, पितृ, गौ ,रमा ,मति)

2. धातवः (भू ,गम, स्था, द्रुशिर ,लाभ ,मुद,भाष, असे भाष)

II. 1.संधिः अचे संधि,। हॉल संध्याः

(9 h)

2.समासाः (द्वंद्व ,तत्पुरुष ,कर्मधारय ,द्विगु)

UNIT:IntroducedEminentAncientScholars:

1. भास.2.भवभूति. 3.श्री हर्ष. 4.माघ. 5. मयुरुडु.

Skill Out comes:

On successful completion of this course, student shall be able to:

1.साहित्यकार ऋषि, कवि हृदय विवेचनम् भवति I

2. मानवीयमून्यम्यतामिला भवति।

3.मॉलिकरयाकरणजालेल प्रयोगे अथीत् पठन लेखन वेलामु भाषाशुद्धये प्रयतः भवति ।

IV. References:

1. Prescribed Sanskrit Text Book I

ADIKAVI NANNAYA UNIVERSITY: RAJAMAHENDRAVARAM

V. Co-Curricular Activities: (Hours for Activity: 15h)

1. Assignments

2. Seminars, Group discussions, Quiz, Debates etc.

3. Invited lectures and presentations on related topics by experts

A.S.D. Govt. Degree. College for Women (Autonomous) Kakinada
DEPARTMENT OF SANSKRIT
I B.A., B.Com, B.Sc.,
Poetry, Prose & Grammar
Semester II

Course Outcomes: On Completion of the course, the students will be able to
CO1 To have Knowledge on the ancient and modern prose Texts in Sanskrit
With emphasis on the Prescribed ones
CO2 To have knowledge on the Writing styles of different Writers in Sanskrit
CO3 To enrich Sanskrit Vocabulary for better understanding and better
communication
CO4 To Appreciate the uses of Sanskrit language in modern World and apply
the knowledge acquired to make basic conversation and basic writing in
Sanskrit.

Learning Outcomes:

- 1.संस्कृत पदकवि प्रयोग माधुर्यनु भूतिः भवति। .
- 2 .संस्कृत गद्यकविप्रयोग माधुर्यनु भूतिः भवति। व्याकरण ज्ञानथे
- 3.व्याकरण ज्ञानथे लेखनशुद्धिः भवति।

II Syllabus: (Teaching Hours: 45)

UNIT:I

प्राचीनपादसाहित्यम्

(9h)

I.पाणिग्रहमाम् रघुवम्यामहाकाव्ये सर्गः

2. पत्रार्थानम् नानायन्येभ्यः

UNIT:II आधुनिक पद्य साहित्यम्:

(9 h)

1. पन्नाधानी - श्रीमत्प्रतापरणायने मेवाडाण्डे 13 सर्गः

2. सुखवर्ग धम्मपदम् (Sanskrit Version of Prof. P.Seiramachandrudu)

UNIT: III गद्यसाहित्यम्

(9 h)

1. अमोघदर्शनं भणस्य कादम्बरी

2. चारुचेष्टितम्- कविकोपाकलापथः

UNIT:IV व्याकरणम् ।

(9 h)

1. अजन्त शब्दाः (नदी, तनु, वधू मातृ., वन, कान, यारि, मधु
2. धातवः इष , लिख, कृ ने, चुरं , रमु वन्द, युध
- II. संध्या: हॉल संधि: विसर्गसन्धि : I
- 2.समामा:(अध्यायीभावःबहुतीहिः)

UNIT:V : वायकरणः परिचायः(Introduced Vyaakaranas)

(9h)

- 1.पाणिनी 2.पतञ्जलि.3.कात्यायनः 4.यास्कः
- 5.भारतः6.आनन्द वर्धनाचार्यः7.जगन्नाथ पण्डित रायलु।

Skill Out comes:

On successful completion of this course, student shall be able to:

- 1.साहित्यकार ऋषि, कवि हृदय विवेचनम् भवति I
2. मानवीयमून्यम्यतामिला भवति।
- 3.मॉलिकरयाकरणजालेल प्रयोगे अथीत् पठन लेखन वेलामु भाषाशुद्धये प्रयतः भवति ।

References:

Prescribed Sanskrit Test Book

V Co-Curricular Activities: (Hours for Activity: 15h)

1. Assignments
2. Seminars, Group discussions, Quiz, Debates etc.
3. Invited lectures and presentations on related topics by experts.

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DEPARTMENT OF SANSKRIT

II Language – II B.A. B.com. B. SC

SANSKRIT Syllabus (w.e.f:2020-21 A.Y)

PAPER-III Drama, Upanishad, Alamkara and History of Literature.
(W.e.f.2020-2021)

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

CO1 To have knowledge on the evolution of Sanskrit drama language,
Character, plot, etc. ,used in Dramas

CO2 To Understand how these help in Spreading moral values and Social
messages

CO3 To Understand how the Vedic Sanskrit in Upanishads is Different from
the Literary Sanskrit Used in Dramas

CO4 To Understand different language and grammatical aspects

UNIT – I : OLD DRAMA

1. "Madhyamavyayogaha". Bhasa Natakachakram. krishadas academy, Varanasi
1998.

UNIT – II :MODERN DRAMA

"Sankalpabalam" by Prof.G.S.R.Krishna Murthy, Published by Semushi,
R.S.Vidyapeetam, Tirupati-2019.

UNIT – III :UPANISHAD

1. "Sishyanusasanam" – Sikshavalli of Taittireeyopanishad.

2. "Sraddatrayavibhagayoga", 17th Chapter, Bhagavadgita, Geetapress, Gorakhpur.

UNIT - IV : 1. ALANKARAS:

1. Upama 2. Ananvaya 3. Utpreksha 4. Deepakam

5. Aprastutaprasamsa 6.Drushtanta 7. Prateepa.

2. HISTORY OF SANSKRIT LITERATURE

1. Panini 2.Kautilya 3.Bharatamuni 4. Bharavi 5.Magha

6.Bhavabhuti 7. Sankaracharya, 8.Jagannatha. 9. Dandi.

UNIT – V : HALANT SABDAS

1. Jalamuch 2.Vaach 3.Marut 4.Bhagavat 5.Bhavat

6.Pachats 7. Naman 8.Rajan 9.Gunin 10.Vidwas 11. Manas.

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Syllabus 2023-24

DEPARTMENT OF HISTORY

Single Minor System 2023-24 Paper – 1 Fundamentals of Social Sciences

Unit – I - What is Social Science?

1. Definition and Scope of Social Science – Different Social Sciences
2. Distinction between Natural Science and Social Sciences
3. Interdisciplinary Nature of Social Sciences 4. Methods and Approaches of Social Sciences

Unit –II - Understanding History and Society

1. Defining History, Its Nature and Scope 2. History- A Science or an Art
3. Importance of History in the Present Society 4. Types of History and Chronology of Indian History

Unit – III -Society and Social Behaviour

1. Definition, Nature and Scope of Psychology 2. Importance of Social Interaction
3. Need of Psychology for present Society
4. Thought process and Social Behaviour

Unit – IV - Political Economy

1. Understanding Political Systems 2. Political Systems – Organs of State
3. Understanding over Economics - Micro and Macro concepts
4. Economic Growth and Development - Various aspects of development

Unit – V Essentials of Computer

1. Milestones of Computer Evolution - Computer – Block Diagram, Generations of Computers
2. Internet Basics – Internet History, Internet Service Providers – Types of Networks – IP – Domain Name Services – Applications
3. Ethical and Social Implications – Network and Security concepts – Information assurance fundamentals
4. Cryptography – Symmetric and Asymmetric –malware – Fire walls – Fraud Techniques – Privacy and Data Protection

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Semester – I

Paper – II Perspectives on Indian Society

Unit – 1- Man in Society

1. Human Nature and Real-Life Engagement
2. Social Groups and Social Dynamics
3. Individualism and Collectivism – Ethical Concerns
4. Human Life – Social Influence and Social Impact

Unit-II: Indian Heritage and Freedom Struggle in India

1. Cultural & Heritage sites of Tourism in India
2. Indian Dance, Music and Yoga
3. Rise of Nationalism under British Rule in brief (1857-1947)
4. Contemporary history of India-integration of Princely States, abolition of Zamindari, Formation of linguistic states

Unit – 3 - Indian Constitution

1. Philosophical Foundations of Indian Constitution
2. Elements of Indian Constitution
3. Study of Rights in Indian Constitution
4. Directive principles to State

Unit – 4. Indian Economy

1. Indian Economy - Features – Sectorial contribution in income
2. Role of Financial Institutions - RBI - Commercial Banks
3. Monetary and Fiscal Policies for Economic Development
4. Economic Reforms - Liberalization - Privatization- Globalization

Unit – 5 Impact on Society & Analytics

1. Role of Computer, impact of Computers on human behaviour, e-mail,
2. Social Networking- Whats App, Twitter, Facebook, impact of Social Networks on human behaviour.
3. Simulating, Modelling, and Planning, Managing Data, Graphing, Analysing Quantitative Data,
4. Expert Systems and Artificial Intelligence Applications in the Social Sciences

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Department of History

Multidisciplinary Course w.e.f. AY 2023-24

SEMESTER-I

INDIAN HISTORY

Credits: 2 2 hrs/week

Unit-I

Ancient Indian History and Culture: What is History-Evolution of Man-Science and Technology in Harappan Civilisation-Vedic Literature- Difference between Jainism and Buddhism Philosophy-Ashoka Dhamma Policy-Science and Technology in Gupta Period- Chronology of Various Dynasties that ruled India (6th Century BC to 1206 CE)

Unit-II

History and Culture of Medieval India: Delhi Sultanate: Rulers (Brief), Alla-Ud-Din-Khilji and Muhammad-Bin-Tuglaq Reforms-Greater Mughals (Brief)-Mughal Administration-Akbar Religious Policy-Mughal Art and Architecture-Bhakti Saints

Unit-III

History of Modern India: European Settlements-British Revenue Policies-Economic Impact of British Rule-Socio-Religious Reform Movements-Causes for 1857 Revolt-Indian Freedom Struggle: Vande Mataram, Home Rule Movement-Gandhi's Role: Non-Cooperation Movements, Salt Satyagraha and Quit India Movement-Subash Chandra Bose-Partition of India.

Department of History

B.A Semester – III Semester-wise Syllabus under CBCS

Course 3: MODERN INDIAN HISTORY & CULTURE (1764-1947 A. D)

Unit – 1

Policies of Expansion – Cornwallis - Subsidiary Alliance & Doctrine of Lapse --

William Bentick - Causes & Results of 1857 Revolt – Lytton, Rippon, Curzon

Unit - II

Social, Religious & Self-Respect Movements – Raja Rammohan Roy, Dayananda

Saraswathi, Swami Vivekananda, smt. Anniebesent – Jyotiba Phule, Narayana Guru,

Periyar, Dr. B. R. Ambedkar

Unit - III

Causes for the growth of Nationalism -Birth of Indian National Congress- A.O. Hume- Freedom Struggle from 1885 to 1920: Moderate Phase — Militant Phase: Vandemataram Movement - Home Rule Movement

Unit – IV

Freedom Struggle from 1920 to 1947: Gandhiji's Role in the National Movement - Revolutionary Movement – Subhas Chandra Bose – Indian National Army

Unit – V

Muslim League– Partition of India – Advent of Freedom – Integration of Princely States into Indian Union – SardarVallabhai Patel

**A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA
DEPARTMENT OF HISTORY**

HISTORY MINOR

SEMESTER - II

1. Science and Human Past

Unit-I

What is History-Is History a science?-Facts, Interpretations-Relation with other Social Sciences-
Sources of Indian History: Archaeological and Literary Sources?

Unit-II

Hunting Gathering to the Food Production Society: Palaeolithic, Mesolithic, Neolithic and
Chalcolithic Phases in India- Evolution of tools, belief systems and art forms.

Unit-III

First Urbanization in India: The Indus Valley Civilization-Definition of Civilization and
Urbanization-Origin, Extent-Sites-Features of IVC-Trade and Commerce- Social and Cultural Life-
Decline of the Civilization.

Unit-IV

The Vedic Corpus: Vedic Literature- Indo-Aryans Theories-Society, Economy, Culture, religion
and Polity during the Early Vedic Period-Society, Economy, Culture, religion and Polity during the
Later Vedic Period-Origin of Varna System.

Unit-V

Second Urbanization in India: Iron Age Cultures in the subcontinent-Impact of Iron technology-
The emergence of City life- Urban Occupations, Crafts, Guilds-Trade and Commerce.

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B.A History Syllabus (w.e.f:2020-21A.B)

Semester – V (Skill Enhancement Course- Elective)

Course: 6B Tourism and Hospitality Services

B.A	Semester – V (Skill Enhancement Course- Elective)	Credits:4
Course:6B	Tourism and Hospitality Services	Hrs/Wk:5

Unit:1

Tourism–Definition–Nature and Scope–History of Tourism–Types of Tourism– Domestic and International Tourism– Causes of rapid growth of tourism– National Institute of Tourism and Hospitality Management

Unit:2

Relationship between history and tourism–Major tourist spots in AP– Gandikota, Nagarjuna Konda, Salihundam, Kona Seema and Rayala Seema

Unit:3

Characteristics of Hospitality Industry–Inflexibility, Intangibility, Perishability–Types of Hospitality jobs - Hotel Manager, Hotel Receptionist, Restaurant Manager, Catering Assistant, Executive Chef etc -Concepts of Atithi Devo Bhavah–Types of hotels in India

Unit: 4

Duties, responsibilities &skills of front office staff– duties, responsibilities and skills of housekeeping- staff- guest stay process in a hotel–major processes and stages associated with it

Unit: 5

Different types of services offered in selected Hotels/Motels/Restaurants Room Service, Catering Services- Different types of managerial issues -Service etiquettes

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
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B.A History Syllabus (w.e.f:2020-21A.B)

B.A	Semester – V (Skill Enhancement Course- Elective)	Credits:4
Course:7B	Tourism Guidance and Operating Skills	Hrs/Wk:5

Unit:1

Meaning of tour guide - types of tour guide: heritage guide, nature guide, adventure guide, business guide, special interest guide etc – duties and responsibilities of guides -various roles of tour guide.

Unit:2

Guiding techniques: leadership skills, social skills, presentation skills, communication skills – Guide's personality skills: passion, empathy, enthusiasm, punctuality, humour etc Personal Hygiene and grooming– code of conduct.

Unit:3

Guest Relationship Management- Handling emergency situations- Medical, Personal, Official, VISA/Passport, Death, Handling Guest with special needs/Different Abilities/Different age groups.

Unit:4

Conducting Tours: Pre-Tour Planning, Route Chart, Modes of Transportation, Security Measures, and Check list etc.-Conducting various types of tours- Relationship with Fellow Guides Coordination with hospitality institutions.

Unit:5

Travel Agency and Tour operations – Difference between Travel Agent and Tour operator – Functions of Tour Operator – Types of Tour Operations and of Tour Operators - A brief study of tour operating agencies like APTDC, Southern Travels etc.

**A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),
KAKINADA**

II YEAR BA HISTORY COURSE, CBCS

**PAPER IV SEMESTER-IV SYLLABUS
History & Culture of Andhra (from 1512 to 1956 AD)**

UNIT I:

Andhra through 16th & 19th Centuries AD: Evolution of Composite culture- the Quatbshahi of Golkonda- Administration, Society & Economy - Literature & architecture: Advent of European and settlements in Andhra - Occupation of Northern Cricars and Ceded Districts - Early revolts against the British.

UNIT II:

Andhra Under British rule: Administration - Land revenue settlements - Society - Education - Religion - Impact of Industrial revolution on economy- peasantry & famines - contribution of sir Thomas Munroe & C.P. Brown - impact of 1857 revolts in Andhra.

UNIT III:

Social Reforms & New literary Movements: Kandukuri Vereeshalingam, Ragupathi Venkatarathnam Naidu, Guruzada Appa Rao, Kommaraju Venkata Laxman Rao; New literacy movements: Rayaprolu Subbarao, Viswanath Satyanarayana, Gurram Jashua, Boyi Bhimanna, Sri Sri.

UNIT IV:

Freedom Movement in Andhra (1885-1947): Vandemataram Movement— Home Rule Movement in Andhra - Non- Cooperation Movement - Alluri Seetarama Raju & Rampa Revolt (1922-24) - Civil Disobedience Movement – Quit India Movement

UNIT V:

Movement for separate Andhra State (1953) and AP (1956): Causes – Andhra Maha Sabha – Conflict between Coastal Andhra & Rayalaseema – Sri Bagh Pact – work of various Committees – Martyrdom of Potti Sriramulu – Formation of separate Andhra State (1953); Movement for formation of Andhra Pradesh (1956): Visalandhra Mahasabha – Role of Communists – States Reorganization Committee – Gentlemen's Agreement – Formation of Andhra Pradesh

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN
AUTONOMOUS, KAKINADA**



**Integration of Cross cutting issues relevant to
'Environmental Sustainability' into
Curriculum during the year 2023-24**

List of Courses offered

S.NO	Title of the Course
1	Environmental Chemistry
2	Green Chemistry And Nanotechnology
3	Food, Agriculture & Environmental Microbiology
4	Food Science
5	Resource Management and Family Economics
6	Food Quality Control and Assurance
7	Food Safety, Sanitation and Hygiene
8	Introduction to Classical Biology
9	Introduction to Applied Biology
10	Animal Diversity - Biology Of Non- Chordates
11	Fresh Water & Brackish Water Aquaculture
12	Soil and Water quality Management
13	Solar Energy and Applications

Related to Environment and its protection

Environmental Chemistry is concerned with the impact of pollutants on the environment & human health. Green Chemistry, or Sustainable Chemistry, focuses on developing chemical processes and products that generate less or no hazardous/ toxic by products as possible.

	A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA	Program & Semester II B.Sc. CHEMISTRY (H)SEMESTER - V				
Course Code Major-11	TITLE OF THE COURSE Paper 6 - D (ENVIRONMENTAL CHEMISTRY)					
Teaching	Hours Allocated:60 (Theory) (4hrs. / Wk.)	L	T	P	C	
Pre-requisites :	Basic knowledge about inorganic chemistry and elements	4	-	-	5	

II Syllabus :

UNIT-I: Introduction 12 h

Environment Definition – Concept of Environmental chemistry- Scope and importance of environment in nowadays – Nomenclature of environmental chemistry – Segments of environment- Effects of human activities on environment – Natural resources-Renewable Resources-Solar and biomass energy and Nonrenewable resources – Thermal power and atomic energy – Reactions of atmospheric oxygen and Hydro logical cycle.

UNIT-II: Air Pollution 12 h

Definition – Sources of air pollution – Classification of air pollution – Ambient air quality standards- Climate change – Global warming – Pollution from combustion systems- Acid rain – Photochemical smog – Greenhouse effect – Formation and depletion of ozone – Bhopal gas disaster-Instrumental techniques to monitor pollution – Controlling methods of air pollution.

UNIT-III: Water pollution 12 h

Unique physical and chemical properties of water – Water quality standards and parameters – Turbidity- pH Dissolved oxygen – BOD, COD, Suspended solids, total dissolved solids, alkalinity- Hardness of water-Methods to convert temporary hard water in to soft water – Methods to convert permanent hard water into soft water – eutrophication and its effects –Industrial waste water treatment.

UNIT-IV: Chemical Toxicology**12 h**

Toxic chemicals in the environment – effects of toxic chemicals – cyanide and its toxic effects – pesticides and its biochemical effects – toxicity of lead, mercury, arsenic and cadmium- Solid waste management.

UNIT-V: Ecosystem and biodiversity**12 h****Ecosystem**

Concepts–structure–Functions and types of ecosystem–Abiotic and biotic components – Energy flow and Energy dynamics of ecosystem– Food chains – Food web– Tropic levels–Biogeochemical cycles (carbon, nitrogen and phosphorus)

Biodiversity: Definition – level and types of biodiversity – concept- significance – magnitude and distribution of biodiversity–trends-bio geographical classification of India–biodiversity at national, global and regional level.

Additional inputs: Water cycl, Climate change, Ozone Depletion Substances, Responsibility of individual in protecting Ozone layer, Drinking Water Parameters-Indian Standards, Methods and Tools used in Chemical Toxicology, Carbon inputs to Ecosystem, Effect of pollutants on ecosystem and human health.



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	A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA	Program & Semester II B.Sc. CHEMISTRY(H) SEMESTER-V				
Course Code Major-11	TITLE OF THE COURSE Paper 7 - D (GREEN CHEMISTRY AND NANOTECHNOLOGY)					
Teaching	Hours Allocated: 60 (Theory) 4 hrs. / Wk.)	L	T	P	C	
Pre -requisites:	Basic knowledge about inorganic chemistry and elements	4	-	-	5	

Syllabus:**UNIT-I Green Chemistry: Part- I** 12 hrs

Introduction-Definition of green Chemistry, Need for green chemistry, Goals of Green chemistry Basic principles of green chemistry. Green synthesis- Evaluation of the type of the reaction

i) Rearrangements (100% atom economic), ii) Addition reaction (100% atom economic). Organic reactions by Sonication method: apparatus required and examples of sonochemical reactions (Heck, Hundsdicker and Wittig reactions).

UNIT- II Green Chemistry: Part- II 12 hrs**A) Selection of solvent:**

- i) Aqueous phase reactions
- ii) Reactions in ionic liquids, Heck reaction, Suzuki reactions, epoxidation.
- iii) Solid supported synthesis

B) Supercritical CO₂: Preparation, properties and applications, (decaffeination, drycleaning)**C) Green energy and sustainability.****UNIT-III Microwave and Ultrasound assisted green synthesis:** 10 hrs

Apparatus required, examples of MAOS (synthesis of fused anthraquinones, Leukart reductive amination of ketones) - Advantages and disadvantages of MAOS. Aldol condensation –Cannizzaro reaction- Diels-Alder reactions-Strecker's synthesis

UNIT-IV Green catalysis and Green synthesis 14 hrs.

Heterogeneous catalysis, use of zeolites, silica, alumina, supported catalysis - bio catalysis:Enzymes, microbes Phase transfer catalysis (micellar /surfactant)

1. Green synthesis of the following compounds: adipic acid, catechol, disodium menudo acetate(alternative Strecker's synthesis)

2. Microwave assisted reaction in water –Hoffmann elimination – methyl benzoate to benzoic acid –oxidation of toluene and alcohols–microwave assisted reactions in organic solvents. Diels-Alder reactions and decarboxylation reaction.
3. Ultrasound assisted reactions–sonochemical Simmons–Smith reaction (ultrasonic alternative to iodine)

UNIT – V Nanotechnology in Green chemistry

12 hrs

Basic concepts of Nano science and Nanotechnology – Bottom-up approach and Top down approaches with examples – Synthesis of Nano materials – Classification of Nanomaterial – Properties and Application of Nanomaterial. Chemical and Physical properties of Nanoparticles – Physical synthesis of nanoparticles – Inert gas condensation - aerosol method - Chemical Synthesis of nanoparticles – precipitation and co-precipitation method, sol-gel method.

Additional inputs:Wurtz Reaction, Diels-Alder reaction, Sigmatropic rearrangements (100% atom economic) Solvent Selection, Sonochemical Michael addition, Recent Advances in Microwave and Ultrasound Assisted Green Synthesis, Applying Novel technology in Microwave Synthesis, Advances of nanotechnology, Advantages of Green Synthesis of Nanoparticles.



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A.S.D Govt. Degree College for Women (A), Kakinada

III B.Sc Microbiology Syllabus (for 2021-2022 A.B)

BSc	Semester: V (Skill Enhancement Course- Elective)	Credits: 2
MB T A1 A- PAIR	Food, Agriculture And Environmental Microbiology	Total hours 40

Aim and objectives of Course

To provide knowledge on important microbes in food, Agriculture and Environmental Microbiology

Learning outcomes of Course

Up on completion of the course students able to

CO1: Demonstrate with the wide diversity of microbes and their spoilage food, food intoxication and food born infections

CO2: Able to understand principles of food preservation, fermented foods and microbes as food.

CO3: The student will acquire knowledge on application of microorganisms in agro – environmental fields

CO4: Get fundamental concepts in principles of plant disease control an industrial application of Microbiology

CO5: The student will have fundamental concepts in soil microbiology and soil water and aero microbial diversity and microbial interactions Basic concepts in treatment of drinking water.

UNIT – 1

No. of Hours: 8

Intrinsic and extrinsic parameters that affect microbial growth in food

Microbial spoilage of food - fruits, vegetables, milk, meat, egg, bread and canned foods

Food intoxication (botulism).

Food-borne diseases (salmonellosis) and their detection.

UNIT – II

No. of Hours: 8

Principles of food preservation - Physical and chemical methods.

Fermented Dairy foods – cheese and yogurt.

Microorganisms as food – SCP, edible mushrooms (white button, oyster and paddy straw). Probiotics and their benefits.

UNIT – III

No. of Hours: 8

Soil Microbiology: Microbial groups in soil,

Biological nitrogen fixation.

Microflora of Rhizosphere and Philosopher microflora, microbes in composting.

Importance of mycorrhizal inoculums, types of mycorrhizae associated plants, mass inoculums.

Production of VAM, field applications of Ectomycorrhizae.

UNIT - IV

No. of Hours: 8

Beneficial microorganisms in Agriculture: Biofertilizer (Bacterial Cyanobacterial and Fungal), microbial insecticides, Microbial agents for control of Plant diseases.

Plant – Microbe interactions.

Diseases caused by bacteria and fungi to various commercial crops: groundnut rust & Citrus canker and food crops: Rice Blast (Pyriculariaoryzae) Bacterial blight of rice (*Oryza sativa* and *O. glaberrima*)

UNIT – V

No. of Hours: 12

Terrestrial Environment: Soil profile and soil microflora. Aquatic Environment: Microflora of fresh water and marine habitats. Atmosphere: Aeromicroflora and dispersal of microbes. Extremophiles.

Biogas production, Biodegradation: Biodegradable plastics.

B.Sc. FOOD SCIENCE AND NUTRITION
Minor-II Semester
FOOD SCIENCE (THEORY)

UNIT –I Food groups: 8 hours

1. Classification of Foods: Basic 5 food group and Functional Classification, Objectives of foods and My Plate.
2. Methods of cooking: Wet, Dry and combination methods – definition, advantages and disadvantages
3. Solar cooking and Microwave Methods-Advantages and disadvantages
4. Cereals – Structure, composition and nutritive value of cereal grain, parboiling- definition and advantages.

UNIT –II 10 hours

1. Pulses and grams – Composition and nutritive value of pulses, germination- definition and advantages.
2. Vegetables – Classification, composition and nutritive value, pigments
3. Fruits – Composition and nutritive value, changes during ripening, browning reactions.

UNIT –III 10 hours

1. Beverages – Definition, Classification, nutritive value, Types of Beverages
 2. Spices and Condiments – Common spices used in India
- Nuts and Oil seeds – Types of nuts and oilseeds, Uses in cookery
3. Sugar cookery- crystallization and factors affecting crystallization.

UNIT –IV 10 hours

1. Milk – Composition and nutritive value, Types of milk available in the market, pasteurization and homogenization of milk.
2. Egg – Structure, composition and nutritive value, uses of egg in cookery, methods to assess quality of an egg, changes occur during storage of egg.

UNIT –V 10 hours

1. Meat – Composition and nutritive value, post mortem changes in meat, aging, tenderness.
2. Poultry – types, composition and nutritive value.
3. Fish – selection of fish, Composition and nutritive value

Additional Inputs:

Unit I: principles of starch cookery, gelatinization.

Unit II: Varieties of pulses & grams, cooking quality of pulses

Unit III: Milk based beverages, fruit-based beverages- carbonated non – alcoholic beverages. Shortening effects of oil, smoking point of oil, factors affecting absorption of oil. Stages of sugar cookery

Unit IV: Changes in milk during heat processing, preparation of cheese and milk powder, classification of

egg

Unit V: Poultry – selection, methods of cooking, Fish – methods of cooking and effects.

Course 16 C: FOOD QUALITY CONTROL AND ASSURANCE (Theory)

Theory: 3Hours/week
Practicals: 3Hours/week

Course outcomes

- 1) State the importance in the food quality as well as the objectives, functions, stages, and methods of quality control in the food industry.
- 2) Explain the different food quality assurance systems at National and International level.
- 3) Apply theoretical and practical considerations of sensory evaluation subjective and objective tests for sensory parameters.
- 4) Examine the quality assessment of food materials like selection, food standards, and food packaging and labeling methods.
- 5) Evaluate the quality assessment of plant and animal foods.
- 6) Design and propose quality control measures and strategies for ensuring food quality in the food industry.

Syllabus:

Unit -I: Quality control & Quality Assurance – Definition, Key elements in quality control, Classification of quality attributes, Food Quality: definition, principles and characteristics, Rights of consumers, consumer protection Act (1986), Role of Food safety officer, Food Quality and its need in food industry.

Unit - II: (a) Theoretical and practical considerations, description of different systems: GAP, GMP, TQM.

(b) Voluntary and Obligatory Standards - PFA, FPO, MMPO, BIS, AGMARK

(c) International Food Standards: FAO, WHO, World Trade Organization, Codex Alimentarius Commission (CAC), International Organization for Standardization (ISO), World food safety issues

Unit - III: Sensory evaluation: definition, factors affecting on sensory characteristics, importance of sensory evaluation for consumer acceptance, Types of sensory evaluation Subjective (Differential test, Rating test, Sensory threshold test) and objective types of sensory evaluation.

Unit - IV: Material used in Food Packaging, Quality assessment of Food materials i.e. Cereals, Pulses, Fruits, Vegetables products – selection, storage and Food Standards.

Unit - V: Food Labeling, Quality assessment of Food materials i.e. Meat, Poultry, Egg, Processed food products- selection, storage and Food Standards.

Course 17 C: FOOD SAFETY, SANITATION AND HYGIENE

Theory: 3Hours/week
Practicals: 3Hours/week

Learning Out comes

- 1) Enumerate the factors affecting food safety, and recognize the importance of food safety, including the risks and hazards.
- 2) understand the role of microorganisms in food-related hazards, and the provisions of the Food Safety and Standards Bill 2005.
- 3) Associate the principles of food hygiene and sanitation at various levels like food handlers, preparation and storage, garbage disposal, and safety of leftover foods.
- 4) Examine the methods to identify food adulterants and the consequences of adulteration.
- 5) Evaluate and recommend the safety measures required in food processing for creating an environment for serving safe and nutritious food.
- 6) Design and propose a framework for developing food safety and standards

Theory Syllabus

Unit - I: Food safety- Definition, importance - factors affecting food safety - Scope of food safety - Food safety hazards and health risk (Biological, Physical, chemical, physical) - Food safety and standards bill 2005.

Unit - II: Basic principles of Food hygiene and Sanitation - Personal and environmental Hygiene - Hygiene aspects of Food handlers- and storage of food - dish washing and garbage disposal- Safety of leftover foods. Methods of sanitation and hygiene.

Unit - III: Food Adulteration and Adulterants: Definition, Methods to identify the presence of adulterants-Types of adulteration in various foods-Intentional, incidental and metallic contaminants - Consequences or ill effects of adulterants.

Unit - IV: Safety in Food processing -Regulatory compliance requirement for establishment of food outlets - Frame work for enabling environment for serving safe and nutritious food at food establishment or outlets. Sterilization and disinfection using heat and chemicals - Solid and liquid waste management and disposal.

Unit -V: Objectives of developing Food Safety and Standards- Enforcement of structure and procedure - Role of food analyst- statutory and regulatory requirements - Certification - HACCP, ISO-22000, FSSC-22000

Course: 17 C- Food Safety, Sanitation and Hygiene Practical

I. Skill outcomes

On successful completion of this practical course, student shall be able to

1. List out common food adulterants in foods and understand the need for consumer education
2. Demonstrate good personal hygiene and safe food handling procedures
3. Exhibit skills in handling equipment ,describe storage and refrigeration techniques
4. Acquire skills in food handling, solid and liquid waste management and disposal.
5. Perform techniques related to food safety and standards.

II. Practical Syllabus

1. Detection of common adulterants in foods
2. Bacteriological analysis of water
3. Microbiological examination of different food samples.
4. Assessment of personal hygiene
5. Assessment of surface sanitation by swab/ rinse method
6. Scheme for detection of food borne pathogens
7. Market survey of preserved fruits and vegetable products.
8. Demonstration of safe food handling procedure
9. Visit to Food Service Centre-Hotel/Fast food centre to study the food safety measures and report writing
10. Visit to Food service Institution- Hostel /Hospital to study the food safety, hygiene & sanitation measures and report writing.




 PRINCIPAL
 A.S.D. GOVT. DEGREE COLLEGE (W)
 AUTONOMOUS
 KAKINADA

A.S.D GOVT. DEGREE COLLEGE FOR WOMEN (A)
(Re-Accredited by NAAC with 'B' Grade)

Jagannaickpur, Kakinada, East Godavari, AP – 533002.

ZOOLOGY SEMESTER-I, CORE 1: (2023-2024)

INTRODUCTION TO CLASSICAL BIOLOGY

Theory

Credits: 4

5 hrs./week

Syllabus:

Unit 1: Introduction to Systematics, Taxonomy and Ecology.

1.1. Systematics – Definition and concept, Taxonomy – Definition and hierarchy.

1.2. Nomenclature – ICBN and ICZN, Binomial and trinomial nomenclature.

1.3. Ecology – Concept of ecosystem, Biodiversity and conservation.

1.4. Pollution and climate change.

Unit 2: Essentials of Botany.

2.1. The classification of plant kingdom.

2.2. Plant physiological processes (Photosynthesis, Respiration, Transpiration, Phyto hormones).

2.3. Structure of flower – Micro and macro sporogenesis, pollination, fertilization and structure of mono and dicot embryos.

2.4 Mushroom cultivation, floriculture and landscaping.

Unit 3: Essentials of Zoology

3.1. The classification of Kingdom Animalia and Chordata.

3.2 Animal Physiology – Basics of Organ Systems & their functions, Hormones and Disorders

3.3 Developmental Biology – Basic process of development (Gametogenesis, Fertilization, Cleavage and Organogenesis)

3.4 Economic Zoology – Sericulture, Apiculture, Aquaculture

Unit 4: Cell biology, Genetics and Evolution

4.1. Cell theory, Ultrastructure of prokaryotic and eukaryotic cell, cell cycle.

4.2. Chromosomes and heredity – Structure of chromosomes, concept of gene.

4.3. Central Dogma of Molecular Biology.

4.4. Origin of life

Unit 5: Essentials of chemistry

5.1. Definition and scope of chemistry, applications of chemistry in daily life.

5.2. Branches of chemistry

5.3. Chemical bonds – ionic, covalent, non-covalent – Vander Waals, hydrophobic, hydrogenbonds.

5.4. Green chemistry

**ASD GOVT. DEGREE COLLEGE FOR WOMEN (A)
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ZOOLOGY SEMESTER-I, CORE II: (2023-2024)

INTRODUCTION TO APPLIED BIOLOGY

Syllabus:

Unit 1: Essentials of Microbiology and Immunology

- 1.1. History and Major Milestones of Microbiology; Contributions of Edward Jenner, Louis Pasteur, Robert Koch and Joseph Lister.
- 1.2. Groups of Microorganisms – Structure and characteristics of Bacteria, Fungi, Archaea and Virus.
- 1.3. Applications of microorganisms in – Food, Agriculture, Environment, and Industry.
- 1.4. Immune system – Immunity, types of immunity, cells and organs of immune system.

Unit 2: Essentials of Biochemistry

- 2.1. Biomolecules I – Carbohydrates, Lipids.
- 2.2. Biomolecules II – Amino acids & Proteins.
- 2.3. Biomolecules III – Nucleic acids -DNA and RNA.
- 2.4. Basics of Metabolism – Anabolism and catabolism.

Unit 3: Essentials of Biotechnology

- 3.1. History, scope, and significance of biotechnology. Applications of biotechnology in Plant, Animal, Industrial and Pharmaceutical sciences.

3.2. Environmental Biotechnology – Bioremediation and Biofuels, Bio-fertilizers and Bio-pesticides.

- 3.3. Genetic engineering – Gene manipulation using restriction enzymes and cloning vectors; Physical, chemical, and biological methods of gene transfer.
- 3.4. Transgenic plants – Stress tolerant plants (biotic stress – BT cotton, abiotic stress – salt tolerance). Transgenic animals – Animal and disease models.

Unit 4: Analytical Tools and techniques in biology – Applications

- 4.1. Applications in forensics – PCR and DNA fingerprinting
- 4.2. Immunological techniques – Immuno-blotting and ELISA.
- 4.3. Monoclonal antibodies – Applications in diagnosis and therapy.
- 4.4. Eugenics and Gene therapy

Unit 5: Biostatistics and Bioinformatics

- 5.1. Data collection and sampling. Measures of central tendency – Mean, Median, Mode.

5.2. Measures of dispersion – range, standard deviation and variance. Probability and tests of significance.

5.3. Introduction, Genomics, Proteomics, types of biological data, biological databases- NCBI, EBI, Gen Bank; Protein 3D structures, Sequence alignment

5.4. Accessing Nucleic Acid and Protein databases, NCBI Genome Workbench



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ZOOLOGY SEMESTER-II CORE-3 / (Minor-1) (2023-2024)

ANIMAL DIVERSITY - BIOLOGY OF NON- CHORDATES

Theory

Credits: 3

No. of Hrs./Week: 3

SYLLABUS:

UNIT-I

- 1.1 Whittaker's five kingdom concept and classification of Animal Kingdom.
- 1.2 Protozoa General Characters and classification up to classes with suitable examples
- 1.3 Protozoa Locomotion & nutrition
- 1.4 Protozoa reproduction

Activity: Assignment /Seminar on the above

Evaluation: Marks to be awarded for written and oral presentations

UNIT -II

- 2.1 Porifera General characters and classification up to classes with suitable examples
- 2.2 Canal system in sponges
- 2.3 Coelenterata General characters and classification up to classes with suitable examples
- 2.4 Polymorphism in coelenterates & **Corals and coral reefs**

Activity: Assignment /Seminar /Quiz/Project on the above

Evaluation: Evaluation of Written part + Evaluation of oral Presentation, Assessment of students in Quiz participation and Ranking - Evaluation of Project Report and oral presentation

UNIT - III

- 3.1 Platyhelminthes General characters and classification up to classes with suitable examples
- 3.2 Parasitic Adaptations in helminthes
- 3.3 Nematelminthes General characters and classification up to classes with suitable examples

3.4 Life cycle and pathogenicity of *Ascaris lumbricoides*

Activity: Assignment /Seminar /Quiz/Project/Peer teaching on the above

Evaluation: Instructor supposed to prepare a detailed Rubrics for the evaluation of the above activity

UNIT – IV

3.5. Annelida General characters and classification up to classes with suitable examples

3.6. Vermiculture - Scope, significance, earthworm species, processing, Vermicompost, economic importance of vermicompost

3.7. Arthropoda General characters and classification up to classes with suitable examples

3.8. Peripatus - Structure and affinities

Activity: Assignment /Seminar /Quiz/Project/Peer teaching on the above

Evaluation: Instructor supposed to prepare a detailed Rubrics for the evaluation of the above activity.

UNIT – V

4.1 Mollusca General characters and classification up to classes with suitable examples

4.2 Pearl formation in Pelecypoda

4.3 Echinodermata General characters and classification up to classes with suitable examples
Water vascular system in star fish

4.4 Hemichordata General characters and classification up to classes with suitable examples

Balanoglossus - Structure and affinities

Activity: Assignment /Seminar /Quiz/Project/Peer teaching on the above

Evaluation: Instructor supposed to prepare a detailed Rubrics for the evaluation of the above activity



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AQUACULTURE TECHNOLOGY BOARD OF STUDIES: 2023-2024

SEMESTER IV– PAPER-IV (Course Code: AQ204315)

TITLE- FRESH WATER & BRACKISH WATER AQUACULTURE

UNIT-1: INTRODUCTION TO FRESHWATER AQUACULTURE

1-1.1 Status, scope and prospects of fresh water aquaculture in the world, India and AP

1-1.2 Different freshwater aquaculture systems

UNIT-II: CARP CULTURE

2-1 Major cultivable Indian carps– Labeo, Catla and Cirrhinus & Minor carps

2-2 Exotic fish species introduced to India– Tilapia, Pangassius and Clarius sp.

2-3 Composite fish culture system of Indian and exotic carps

2-4 Impact of exotic fish, Compatibility of Indian and exotic carps and competition among them.

UNIT-III: CULTURE OF AIR-BREATHING AND COLDWATER FISH

3-1 Recent developments in the culture of clarius, anabas, murels,

3-2 Advantages and constraints in the culture of air-breathing and coldwater fishes- seed resources, feeding, management and production

3-3 Special systems of Aquaculture- brief study of culture in running water, re-circulatory systems, cages and pens, sewage-fed fish culture

UNIT-IV: CULTURE OF PRAWN

4-1 Fresh water prawns of India- commercial value

4-2 Macrobrachium rosenbergii and M. Malcomsonii– biology, seed production,

4-3 pond preparation, stocking, management of nursery and grow-out ponds, feeding, morphotypes and harvesting

UNIT-V: CULTURE OF BRACKISH WATER SPECIES

5-1 Culture of P.mondon– Hatchery technology and Culture practices including feed and disease management

5-2 Culture of L.vannamei– hatchery technology and culture practices including feed and disease management.

5-3 Mixed culture of fish and prawns

AQUACULTURE TECHNOLOGY SEMESTER: V PAPER-6A (2023-2024)

SOIL AND WATER QUALITY MANAGEMENT (Course Code: AQ205315-6A)

Credits: 4

Hrs. /Wk.: 4

UNIT I: Soil quality *Physic* (10h)

1. **Soil types and their distribution al and chemical properties of soil:** Soil colour, texture, structure, pore space, bulk density, and water holding capacity; Conductivity, pH, redox potential, soil salinity, calcium carbonate, organic carbon, available nitrogen, available phosphorus, Carbon-Nitrogen ratio, organic matter and soil fertility.
2. Properties of water logged soils, methane and hydrogen sulphide formation. Problem soils: Saline soils, Alkali soils, Acid sulphate soils (ASS), and their reclamation.
3. Pond Seepage and its control. Soil quality criteria/requirements for aquaculture.

UNIT II: Water quality (10h)

1. Water quality parameters: Temperature, transparency, salinity, dissolved oxygen, carbon dioxide, pH, alkalinity, hardness, conductivity, ammonia, nitrites, nitrates, orthophosphates and hydrogen sulphide; phytoplankton, zooplankton and benthos.
2. Role of aquatic microorganisms in carbon, nitrogen, phosphorus and sulphur cycles.
3. Water quality criteria for freshwater and brackish water aquaculture.

UNIT III: Soil and Water amendments (10h)

1. Liming: Liming materials, effects of liming on pond ecosystem, liming rates for ponds, calculation of lime requirements and application of liming materials to ponds.
2. Manures and Fertilizers: Types of manures and fertilizers, primary nutrients, micronutrients, fertilizer grades, quantity and method of application; Bio fertilizers.
3. Pond fertilization: Role of organic and inorganic fertilizers in aquaculture; Problems in ponds with indiscriminate fertilization.

UNIT IV: Pond water management (10h)

1. **Dial changes in dissolved oxygen concentration, oxygen depletion in ponds, Aeration, Water exchange, and Bio-floc technology.**
2. **Water treatment, Water filtration devices, Waste water treatment practices, Waste discharge standards, Re circulatory aquaculture system (RAS).**
3. **Water quality management in freshwater carp culture; brackish water shrimp culture; and hatcheries.**

UNIT V: Pond treatments

(10h)

1. Pond conditioners and Chemical treatments: Potassium permanganate, Hydrogen peroxide, Calcium hydroxide, Rotenone, Formalin and Malachite green. Methods of applying chemicals.
2. Reduction of pH; Control of turbidity, salinity, hardness and chlorides; Chlorine removal; Removal of toxic gases.
3. Control of algal blooms and aquatic weeds. Bioremediation: Soil and water probiotics for aquaculture ponds.



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AQUACULTURE TECHNOLOGY SEMESTER: V PAPER-6A (2023-2024)

(Course Code: AQ205315-6AP)

Course 6A: SOIL AND WATER QUALITY MANAGEMENT LAB

Credits: 1

Hrs. /Wk.: 2

Practical Syllabus:

1. Demonstration of laboratory glassware and equipment used in water and soil analysis.
2. Principles of Titrimetry, Gravimetry, Potentiometry, Conductometry, Refractometry, Colorimetry, Turbidimetry, Spectrophotometry (Vis, UV-Vis, Flame, Atomic Absorption Spectrophotometer (AAS)).
3. Solutions: Standard, and dilute solutions; units of concentration; standard curve.

Soil Analysis:

4. Collection and Processing of soil samples
5. Determination of Soil texture, pH, Redox potential and Conductivity.
6. Determination of Organic carbon, available nitrogen and available phosphorus.

Water Analysis:

7. Measurement of Temperature, Transparency, Turbidity, and Salinity of water.
8. Estimation of Dissolved oxygen, Free carbon dioxide, Total alkalinity and Total hardness in water.
9. Estimation of ammonia, nitrites, nitrates, and orthophosphates.
10. Collection and identification of phytoplankton, zooplankton and benthos
11. Calculation of doses of lime and fertilizers for ponds
12. Design and fabrication of different filters.



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ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF PHYSICS (2023-24)

1.3.1 CROSS CUTTING ISSUES FROM 2023-24
SYLLABUS

Curriculum related to Environmental sustainability

SOLAR ENERGY AND APPLICATIONS

Unit - I: BASIC CONCEPTS OF SOLAR ENERGY

Spectral distribution of solar radiation, Solar constant , zenith angle and Air-Mass, standard time, local apparent time, equation of time, direct, diffuse and total radiations. Pyrheliometer - working principle, direct radiation measurement, Pyrometer-working Principle, diffuse radiation measurement, Distinction between the two meters.

Unit - II: SOLAR THERMAL COLLECTORS

Solar Thermal Collectors-Introduction, Types of Thermal collectors, Flat plate collector – liquid heating type, Energy balance equation and efficiency, Evacuated tube collector, collector overall heat loss coefficient, Definitions of collector efficiency factor, collector heat-removal factor and collector flow factor, Testing of flat-plate collector, solar water heating system, natural and forced circulation types, Concentrating collectors, Solar cookers, Solar dryers, Solar desalinators.

Unit - III: FUNDAMENTALS OF SOLAR CELLS

Semiconductor interface, Types, homo junction, hetero junction and Schottky barrier, advantages and drawbacks, Photovoltaic cell, equivalent circuit, output parameters, conversion efficiency, quantum efficiency, Measurement of I-V characteristics, series and shunt resistance, their effect on efficiency, Effect of light intensity, inclination and temperature on efficiency

Unit -IV: TYPES OF SOLAR CELLS AND MODULES

Types of solar cells, Crystalline silicon solar cells, I-V characteristics, poly-Si cells, Amorphous silicon cells, Thin film solar cells-CdTe/CdS and CuInGaSe₂/CdS cell configurations, structures, advantages and limitations, Multi junction cells – Double and triple junction cells. Module fabrication steps, Modules in series and parallel, Bypass and blocking diodes

Unit - V: SOLAR PHOTOVOLTAIC SYSTEMS (10hrs)

Energy storage in PV systems, Energy storage modes, electrochemical storage, Batteries, Primary and secondary, Solid-state battery, Molten solvent battery, lead acid battery and dry batteries, Mechanical storage – Flywheel, Electrical

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR
WOMEN AUTONOMOUS, KAKINADA**



**Integration of Cross cutting issues relevant
to**

‘Gender Sensitization’ into

Curriculum during the year 2023-24

List of Courses offered

S.NO	Title of the Course
1	Human Development - I
2	Family& Community Nutrition
3	Human Development and Family Dynamics
4	Education and Counseling for parents and community
5	Guidance and Counseling
6	Home Science Extension and Community Development

A.S.D. Govt. Degree College for Women (A), Kakinada
Department of Home Science

Course 04: HUMAN DEVELOPMENT

Credits -3

Course Outcomes

- 1) Remember and recall the key terms related to growth and development
- 2) Demonstrate an understanding of the principles of child development and identify the factors that influence the growth and development of children.
- 3) Apply the knowledge of determinants of development to analyze and explain the impact on the growth and development of individuals.
- 4) Analyse the stages of development across the lifespan and critically evaluate the similarities and differences between these stages.
- 5) Assess the physical and psychological care required during pregnancy, identify complications that may arise, and evaluate the factors affecting prenatal development.
- 6) Develop strategies and coping mechanisms for dealing with the challenges and problems associated with different stages of lifespan and Prepare case study profiles to study the physical and physiological problems among various developmental stages.

THEORY

Unit I: Introduction to Growth and Development

- Understanding the terms Child, Growth, Development, Child Development, Human Development, and Developmental tasks.
- Principles of Child Development and Factors influencing growth and Development of Children.
- Determinants of Development - Heredity vs. Environment - Maturation Vs. Learning
- Stages of Development across life span

Unit II: Pre-natal and Early Years of Development

- Stages of Pre-natal development –Factors affecting prenatal development- Physical and Psychological care during pregnancy- Complications during pregnancy.
- Stages of birth and Types of Birth
- Infancy – Characteristics -Physical proportions, Physiological functions, Motor activities.
- Babyhood – Developmental Tasks and Characteristics, Physical-motor development, Cognitive development - Piaget’s Sensory motor stage, Language, Socio-emotional development.

Unit III Development during Early and Late Childhood

- Early Childhood Period –Characteristics -Physical, Emotional, Social and Cognitive development-Piaget’s Pre-operational stage -Social stages in play.
- Late Childhood Period – Characteristics, Physical, Emotional, Social and Cognitive development-Piaget’s Concrete-operational stage.

Unit IV: Development during Adolescence

- Adolescence – Definitions by WHO, UNICEF, NCERT- Characteristics of Adolescence
- Physical and physiological Changes during puberty for Boys and girls
- Developments during adolescence – Cognitive-Piaget’s Formal-operational stage, Emotional and Social development

Unit V: Development during Adult Hood

- Young Adulthood - Definition, Development tasks, significance of the period, Adjustments during young adulthood period
- Middle adulthood – Definition, physical, physiological and Psychological changes during middle age, preparation for retirement.
- Late adulthood –Sub groups and definitions, Characteristics of old age – Physical and physiological changes during old age, cognitive and memory changes. Problems of old age and coping up strategies

PRACTICALS:

1. Observation of characteristics of an infant
2. Observation of different Developments of pre-school children –Physical development , - Language development ,-Concept development.
3. Assessment of social Development among elementary school children
4. Study of adolescent adjustment problems
5. Study on awareness of cyber bullying among adolescents
6. Case study of man and woman during Middle adulthood
7. Case study of elderly man and woman

A.S.D. Govt. Degree College for Women (A), Kakinada
Department of Home Science

HSC-301 – FAMILY & COMMUNITY NUTRITION

THEORY

Outcomes of the course

- 1) Define the dietary guidelines for Indians, principles of meal planning, and the concept of a balanced diet for various age groups.
- 2) Interpret the nutritional requirements for different age groups and gain knowledge on nutritional problems and eating disorders.
- 3) Apply the understanding of nutritional requirements for different stages of lifespan and address nutritional problems and develop appropriate dietary plans.
- 4) Analyze the importance of nutritional status assessment of the community and its role in identifying nutritional deficiencies and planning interventions.
- 5) Assess the effectiveness of nutrition programmes in addressing nutritional needs.
- 6) Design and develop education material that promote healthy eating habits and improving nutritional status of the community.

Unit-I Meal Planning – Nutrition during Adulthood, Pregnancy and Lactation

- Dietary guidelines for Indians, Principles of meal Planning, Balanced Diet.
- Nutrition for Adults – Food and Nutritional requirements for adult man and woman of different physical activities (Sedentary, Moderate and Heavy work).
- Pregnancy – Nutritional and Food requirements, Physiological changes and complications.
- Lactation – Food and Nutritional requirements

Unit-II Nutrition during Childhood

- Infancy – Nutritional requirements – Breast feeding and its advantages; Artificial/bottle feeding; Supplementary foods (definition and types).
- Early childhood – Food and Nutritional requirements – healthy eating habits among pre-schoolers
- School going children – Food and Nutritional requirements, packed lunch.

Unit-III Nutrition during Adolescence and Old age

- **Adolescence-** Food and Nutritional requirements, Nutritional problems and Eating Disorders- Anorexia and Bulimia.
- **Geriatric Nutrition-** Physiological changes in elderly, Food and Nutrient Requirements, Nutrition related problems

Unit-IV Nutritional Status Assessment

- Importance of Nutritional Status Assessment of the Community
- Direct methods – Nutritional Anthropometry, Clinical and Biochemical Assessment

- Indirect methods – Diet Surveys, Vital Health Statistics (Infant mortality rate, Measurement of morbidity)

Unit –V Nutritional Programs

10 hours

- Supplementary Feeding Programmes – ICDS, Mid Day Meal Programme (MDMP).
- Prophylactic Programmes to prevent Vitamin A, Iron, Iodine deficiencies
- Role of National and International Organizations in combating malnutrition –
 - (a) International Organizations - WHO, FAO and UNICEF
 - (b) National Organizations - NIN, CFTRI, NNMB.

PRACTICALS

1. Planning and preparation of a balanced diet for Adult man and women.
2. Planning and preparation of a balanced diet for Pregnant and Nursing mother.
3. Planning and preparation of a balanced diet for a Pre School Child.
4. Planning and preparation of a balanced diet for School child and an Adolescent
5. Planning and preparation of low cost Nutritious recipes
6. Planning and preparation of diets for PEM and Anaemia
7. Use of Anthropometric measurements in assessing the Nutritional Status.
8. Visit to Anganwadi Center – Observation of feeding programme at Anganwadi Center.
9. Visit to government school – Observation of School Lunch Programme



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A.S.D. Govt. Degree College for Women (A), Kakinada
Department of Home Science

HSC- 403 - HUMAN DEVELOPMENT AND FAMILY DYNAMICS

Theory: 4Hours/week

Practicals: 2Hours./week

- 1) Remember the cognitive physical, emotional and social development during adolescents.
- 2) Understand the physical and physiological changes during various stages of life span and the major concerns during those stages
- 3) Apply the knowledge of developmental characteristics to identify appropriate strategies and interventions for addressing the major concerns faced during various stages.
- 4) Analyse the importance of marriage and family, its effect on the members and evaluate the effectiveness of counselling in addressing the major concerns of individuals and families.
- 5) Evaluate the changing trends ,problems of modern family ,its impact on the members and the need for family counselling
- 6) Create a counselling framework or intervention plan to address specific concerns faced by individuals and families and propose strategies for promoting healthy relationships among the family members

THEORY

Unit I Human Development - Adolescence

- Adolescence – Definitions by WHO, UNICEF, NCERT, Characteristics.
- Physical and physiological Changes during puberty for Boys and girls
- Developments during adolescence – Cognitive- Piaget’s Formal-operational stage, Emotional and Social development
- Major concerns during adolescence – Substance abuse, Delinquency, Suicidal Ideation, Teen age pregnancy etc. Symptoms and warning signs - Use of Counselling.

Unit II Human Development -Young Adult Hood

- Definition, Development tasks, significance of the period, Changing responsibilities
- Adjustments during young adulthood period
- Preparation for Marriage – Factors to be considered in the choice of marriage partner. Modes of mate selection, Self-choice marriage and arranged marriage – Advantages and disadvantages.
- Pre-marital counseling – Meaning and Need for Pre-marital Counseling.

Unit III Marriage and Adjustments

- Marriage –Definition and Functions, needs and goals. Criteria for successful marriage.

- Values and goals of marriage – Indian context. Different Marriage practices(Hindu, Muslim & Christian)
- Adjustments in marriage – In laws, sex adjustment to mate, adjustment to parenthood, and financial adjustments.
- Transition to Parenthood – Factors that influence Planned Parenthood.
- Factors responsible for an increase in the rate of legal marital dissolution – Post- marital counseling.

Unit IV Indian Family and Changing Trends

- Family – Meaning, Definition, functions of family, sociological significance of family.
- Types of Family – Definitions of Joint, Extended, Nuclear Families, Alternate family styles - Modern trends in family – Advantages and disadvantages.
- Changing Indian family structure – Factors responsible
- Problems faced by the modern family – Impact of modern family on children, Need for family counseling.

Unit V Human Development - Middle and Late Adulthood

- Middle adulthood – Definition, physical and physiological changes - health issues, Psychological changes during middle age, coping up strategies, preparation for retirement.
- Late adulthood – Sub groups and definitions, Late adulthood and Ageing (beyond 60 years) - Definitions, Characteristics of old age – Physical and physiological changes during old age, cognitive and memory changes.
- Problems of old age and coping up strategies
- Institutionalization of aged in Indian context, effect of institutionalization on elderly

PRACTICALS

1. Study of adolescent adjustment problems
2. Case study of adolescent boy and Girl
3. Identification of Mate selection criteria depicted in Mass media
4. Case study of Married couple-Marital adjustment
5. Case study of elderly man and woman.
6. Visit to counselling centre –Finding common problems of adolescents and married Couples



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Department of Home Science

Course- 19 C: Education and Counselling For Parents and Community

Course Outcomes

- 1) Recognise the need, aspects of parent and community education as well as various roles of parents.
- 2) Identify the principles of parent and community education in relation various socio-cultural settings.
- 3) Demonstrate various techniques of parent and community education like informal meetings, group and individual meetings.
- 4) Analyze the role of professionals in parent and community education in evaluating the effectiveness of parent and community education programs.
- 5) Evaluate the methods of parent education in dealing children with developmental delays as well as special needs and normal children.
- 6) Develop comprehensive parent and community education program incorporating effective strategies, techniques.

Syllabus -Theory

Unit-I: Parent education –Need, aspects, Types of parent education. Parents as - stake holders, planners, advisers, volunteers, and resource persons.

Unit-II: Community education – Fundamental principles of community. Community education with reference to education Health, rights of children, child rearing socialization in various socio-cultural settings.

Unit-III: Techniques of Parent and community Education- Informal meeting, group and individual meetings Use of audiovisual aids. Organizing parent and community programmes – school, community centers, Recreation centers, Youth clubs and other NGO's.

Unit-IV: Role of professional, Contribution of professionals in parent and community education, Training programmes for young parents. Evaluation of parent and community education programmes.

Unit-V: Methods of Parent Education and Counseling- Strategies and Management skills for parents to deal with normal children. Children of developmental delays and disabilities. Counseling parents of Children with Special Needs.

Practical –Skill Outcomes

1. Orientation on need and importance of parent and community education.
2. Understanding recent issues and challenges on parent and community education.
3. Preparation of a suitable schedule to study - Parent-Child Relationships and its impact on children.
4. Administering the prepared schedule.
5. Observing, recording and understanding the functioning of a Education and counselling centre.

II. Practical Syllabus

1. Study various methods of parent and community education.
2. Visit to local community for identifying parents of normal and exceptional children,
3. Conducting case studies on parents of normal children.
4. Conducting case studies on parents of exceptional children.
5. Identification of areas and issues for parent education.
6. Developing parent education programmes.
7. Planning, conducting and evaluating parent education programmes.
8. Conducting awareness among the community regarding counselling centres.



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Course – 18 C: Guidance and Counseling

- 1) Remember the meaning, scope, and need and principles of guidance and counseling.
- 2) Interpret different types of guidance based on the needs and goals of the clients.
- 3) Use appropriate counselling techniques based on the clientele.
- 4) Analyze the needs of the clientele by conducting different types of counseling sessions.
- 5) Recognize the roles and functions as a counsellor.
- 6) Formulate counselling strategies for children, adolescents and families based on their problems.

THEORY

Unit 1- Guidance

- Meaning and definition of guidance
- Need, functions and scope of Guidance
- Principles of Guidance
- Types of Guidance- Educational, Vocational, and Personal Guidance
- Limitations of guidance

Unit 2-Counselling Types and Techniques

- Goals of counseling
- Types of Counseling—Crisis, facilitative, preventive, developmental
- Different types of counseling Techniques - Directive, Non-directive, Eclectic
- Stages of Counseling- Beginning, Middle and Ending phase

Unit 3- Counseling Process and Skills

- Process of Counseling- physical setting – Establishing the relationship – conducting counseling interview – Problems involved – Termination of counseling.
- Skills in Counseling- (listening, questioning, responding)-Diagnostic, Exploration, Relationship, Understanding, Action, Attending/ Listening Skills, Group process and Evaluation skills

Unit 4- Counselor Role, characteristics and ethics

- Role of a Counselor - As a communication expert, inhibitor, trainer, facilitator, an idol, a teacher, and a supporter.
- Characteristics of an effective counselor
- Confidentiality and ethics in counseling

Unit V- Counseling children and adolescents

- Counseling in educational settings
- Counseling children with behavioral and emotional problems
- Counseling Parent of children with special needs
- Counseling Adolescents with problems- delinquents and addicts

PRACTICALS

1. Explore and lists out various interest inventory and aptitude tests used for personal, educational and vocational guidance.
2. Group discussion and listing of problems faced by them and categories the problems in following categories - Personal/ Social/ Academic, Health etc.
3. Collection of case study of children with special need and prepare a report.
4. Collection of case study of children with problem from electronic and print media.
5. Collection of case study of adolescents with problem from electronic and print media.
6. Simulation exercises/Mock session/ Role play as counselor and counselee by taking above case studies– children/adolescents
7. Simulation exercises/Mock session/ Role play as counselor and counselee by taking above case studies– Adult/ Parent
8. Visit to a guidance and counseling center



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HSC - 406 HOME SCIENCE EXTENSION AND COMMUNITY DEVELOPMENT

Theory: 4Hours/Week
Practicals: 2 Hours/Week

Course outcomes

- 1) Memorise the definition, objectives, and principles of program planning in extension, as well as the steps involved in program planning.
- 2) understand the methods to assess felt and unfelt needs of the community as well as evaluate individual and group performances.
- 3) Interpret the characteristics of a good lesson plan and develop effective lesson plans for specific groups.
- 4) Analyze the features, characteristics and implications for development for rural, urban, and tribal communities.
- 5) Evaluate the role of Panchayat Raj systems in India and assess the role of extension organizations.
- 6) Formulate strategies for community development in line with the objectives and scope of a welfare state.

THEORY

Unit 1 Program Planning

- Definition, Objectives and Principles of Program Planning in Extension
- Steps in Program Planning
- Evaluation – Principles, methods of evaluating individual and group performances.
- Methods to find out felt and unfelt needs of the community.

Unit-II Lesson Planning

- Characteristics of good lesson plan – Pre-requisites and components of lesson planning.
- Planning lessons for a specific groups – Women and Children
- Different topics for lesson plans – Swatcha Bharath, Nutrition and health education.

Unit-III Community Types and Their Characteristics

- Features of Rural community
- Features of Urban community
- Features of Tribal community

Unit-IV Community Development

- Community Development – Definition , Scope objectives – Role of Functionaries
 - Panchayat Raj Systems in India (brief) – Meaning, Definition, Democratic Decentralization
 - Five tier system of Panchayat Raj – Village Panchayath –Functions

- Mandal Parishath – Seven Committees (Planning, Production etc.,) Functions
- ZillaParishath – Commitees, Functions- District, State and central level
- Extension organization in Panchayath raj set-up
- Concept of Welfare State, Directive Principles

Unit- V Government and Non-Governmental Organizations

- Government and Non- Governmental Organizations-Meaning and definition
- Role of organizations (Government and Voluntary) for the development of people
- International Agencies – WHO, CARE, UNICEF,
- National and Voluntary Agencies – ICDS, RASS, KVK, DWCRA, MEPMA
- Local Level Voluntary Agencies, people’s organizations at grass roots – PASS

PRACTICALS

1. Plan an activity to create awareness among women and children of community surveyed according to their needs and interests - Lecture cum group discussion
2. Field Visits – Mandal Office, ICDS, Mahila Pranganam, PASS organization
3. Community development – Need based group project work.



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