

**Syllabus of Add on Courses****INDEX**

S.N.	Course Name	Page no.
1.	Basic of Insurance	2-3
2.	Digital Marketing	4-5
3.	E-Commerce	6-7
4.	E-mathematics Tools	8-9
5.	Environmental Protection and Disaster management	10-11
6.	Family counselling	12
7.	Food and nutrition	13-14
8.	Functional English	15-17
9.	प्रयोजन मूलक हिन्दी	18-19
10.	Gender sensitization	20-21
11.	मानवाधिकार और शिक्षा	22-23
12.	Industrial Chemistry	24-25
13.	बौद्धिक संपदाविधियां	26
14.	Leadership management	27-28
15.	Medicinal Plant	29-31
16.	Money and Banking	32-33
17.	Mushroom Cultivation	34-35
18.	Organic Farming	36-37
19.	Renewable energy	38-39
20.	Research methodology	40-41
21.	Solar Energy	42
22.	Financial Accounting and Tally	43
23.	Taxation	44-45
24.	Tour and Travles	46-47
25.	Vermiculture	48-49
26.	Web designing	50-51
27.	Women entrepreneurship	52-53

Add on certificate course 2022-23

Basics of Insurance

कुल यूनिट – 05

अवधि – 30 घंटे

यूनिट – I – बीमा का अर्थ, आवश्यकता, प्रकार एवं कार्य ।

Meaning Needs, Types & Functions of insurance.

II – बीमा के सिद्धांत पुर्नबीमा ।

Principles of Insurance, Reinsurance .

III – बीमा नियामक और विकास प्राधिकरण (आई आर डी ए) ।

IRDA; Function and importance .

IV – एक सामाजिक सुरक्षा उपकरण के रूप में बीमा, बीमा और आर्थिक विकास ।

Insurance as Social Security Tool, Insurance & Economic Development .

V – जीवन बीमा, प्रमुख बीमा पॉलिसिया और बार्षिकी ।

Life Insurance, Main insurance Policies & Annuity .

Books – 1. Banking and Insurance - Prof. V.P. Agrawal, Sudhir kumar Sharma.

2. Insurance Economics – Peter Zweifel & Roland Eisen.

3. Inside the Insurance Industry – Kevin L Glaser.

Ku Radha Raghuwansi (BBA)

Course learning Outcomes:

- 1. Understand the fundamental concepts of insurance, including risk, premium, coverage, and claims.**
- 2. Differentiate between various types of insurance policies based on needs and risk profiles.**
- 3. Analyze insurance policies to identify key terms, conditions, and exclusions.**
- 4. Evaluate insurance options and make informed decisions for individuals or businesses.**

SBS GOVT PG COLLEGE, PIPARIYA

ADD on certificate course 2022-23

Digital Marketing- डिजिटल मार्केटिंग

कुल यूनिट- 05

अवधि -30 घंटे

Unit-1-Fundamentals of Digital marketing & Its Significance, Evolution of Digital Marketing, Digital Marketing Landscape. The Digital users in India, Digital marketing Strategy, Skills in Digital Marketing.

डिजिटल विपणन के बुनियादी तत्व और इसका महत्व, डिजिटल मार्केटिंग का विकास, डिजिटल मार्केटिंग का परिदृश्य, भारत में डिजिटल उपयोगकर्ता, डिजिटल मार्केटिंग रणनीति, डिजिटल मार्केटिंग हेतु कौशल आवश्यकतायें

Unit-2-Fundamentals of Social Media Marketing & its significance, Necessity of Social media Marketing, Building a Successful strategy: Goal Setting, Implementation of Marketing, , Apps, Hashtags, Content Strategy,

सामाजिक मीडिया मार्केटिंग के बुनियादी तत्व और उसका महत्व, सामाजिक मीडिया मार्केटिंग की आवश्यकता, सफल रणनीति का निर्माण; लक्ष्य निर्धारण, इसका क्रियान्वन, कंटेंट रणनीति, हैशटैग, Apps, Live,

Unit-3 Introduction to SEO, How Search engine works, SEO Phases, History Of SEO, How SEO Works, Types Of SEO technique, Backlink, Blog Posts, Press Release, Forums, Unnatural links.

सर्च इंजन इष्टतमीकरण, सर्च इंजन की क्रियाविधि, सर्च इंजन का इतिहास, सर्च इंजन इष्टतमीकरण की तकनीकी; ब्लॉग , पोस्ट , फोरम, प्रेस विज्ञप्ति , बैकलिंक

Unit-4 Advertising & its importance, Digital Advertising, Different Digital Advertisement, Performance of Digital Advertising:- Display Advertising Media, different type of ad tools, types of display ads.

विज्ञापन के बुनियादी तत्व और उसका महत्व, डिजिटल विज्ञापन, विभिन्न प्रकार के डिजिटल विज्ञापन, डिजिटल विज्ञापन के प्रदर्शन; विभिन्न प्रकार के विज्ञापन तकनीक और इसकी क्रियाविधिया

Unit-5 What's research? What is analysis? Introduction to web analytics, Google Analytics -Getting Started with Google Analytics,

शोध क्या है? विश्लेषण क्या है ? वेब विश्लेषिकी का प्रस्तावना, Google Analytics - इसकी क्रियाविधि और इसका महत्व

Suggested Books:-

1. Digital Marketing –Kamat and Kamat-Himalaya
2. Marketing Strategies for Engaging the Digital Generation, D. Ryan,
3. Digital Marketing, V. Ahuja, Oxford University Press

Giriraj Godani

Course Learning Outcomes:

- 1. Develop effective digital marketing strategies aligned with business objectives.**
- 2. Utilize various digital channels (SEO, SEM, social media, email marketing) to reach target audiences.**
- 3. Analyze digital marketing campaigns to measure performance and ROI.**
- 4. Stay updated with digital marketing trends and technologies.**

SBS GOVT PG COLLEGE PIPARIYA
E-COMMERCE
ADD ON CERTIFICATE COURSE 2022-23

कुल यूनिट- 05

अवधि -30 घंटे

Unit 1 Introduction to E-commerce, definition, History of E-commerce, Types of E-commerce B2B, B2C, C2B, C2C, B2G, Components of an E-Commerce, Legal & Ethical issue of ECommerce.

ई-कॉमर्स की प्रस्तावना, ई-कॉमर्स का इतिहास , ई कॉमर्स के प्रकार B2B,B2C,C2B,C2C,B2G , ई -कॉमर्स के घटक, ई-कॉमर्स का कानूनी एवं नैतिक मुद्दा

Unit 2 Communication network of E-Commerce, Types of communication media in E-Commerce (Wired technology, Wireless technology) , Internet marketing 5P'S of internet marketing.

ई-कॉमर्स का कम्युनिकेशन सिस्टम ,ई-कॉमर्स में कम्युनिकेशन मीडिया के प्रकार(वायर्ड टेक्नॉलजी वायरलेस टेक्नॉलजी) इंटरनेट मार्केटिंग,इंटरनेट मार्केटिंग के 5P'S

Unit 3 Electronic payment system, Requirement for E-Payment system, Types of E-Payment System, Advantages of E-Payment system

इलेक्ट्रॉनिक पेमेंट सिस्टम ,ई-पेमेंट सिस्टम के लिए आवश्यकताएँ,ई-पेमेंट सिस्टम के प्रकार ,ई-पेमेंट सिस्टम के लाभ

Unit 4 Security, Security concern issues in E-Commerce, Challenges of E-Commerce Security,

सिक्योरिटी, ई-कॉमर्स में सिक्योरिटी संबंधित मुद्दे , ई कॉमर्स सिक्योरिटी की चुनौतियाँ

Unit 5 E-Commerce in Multimedia, E-Publishing in Multimedia, Digitization of Books, Audio and Videos, Digital distribution, Distribution of E-Book& Audio, Video on Demand.

मल्टीमीडिया में ई-कॉमर्स , मल्टीमीडिया में ई -पब्लिशिंग ,डिजिटाइजेशन, किताबों का डिजिटाइजेशन ,डिजिटल डिस्ट्रीब्यूशन ,ई बुक ,ऑडियो वीडियो का डिस्ट्रीब्यूशन ऑन डिमांड

Suggested Books: -

- 1-Amir Manzoor"E-Commerce:An introduction"Lambert.
- 2-Gary P.Schneider,"E-commerce",Cengage Learning india.
- 3- Ankur Luhadiya,"E-commerce"Kamal Prakshan,Indore.

Mr. Vikram
Khelniwar

Course Learning Outcomes:

- 1. Understand the principles of e-commerce and its role in business operations.**
- 2. Build and manage online stores, including product listings, payment gateways, and order fulfillment.**
- 3. Implement effective e-commerce marketing strategies to drive sales and customer acquisition.**
- 4. Analyze e-commerce data to optimize website performance and customer experience.**

Department of Mathematics

Shaheed Bhagat Singh Government PG College Pipariya District-Narmadapuram

Add-on Course on E-mathematical tools Syllabus

Unit 1 Trigonometry:

Angle trigonometric ratio, trigonometric identities, minimum and maximum value.

Unit 2 Quadratic Equation:

Find roots of quadratic equation, various type of quadratic equations.

Unit 3 Logarithm:

Some important result on logarithm examples and solutions.

Unit 4 Arithmetic Progression:

Solution, formulae, sum of n terms of GP.

Unit 5 Geometric Progression:

Solution, formulae, sum of n terms of GP.

Kishor

3

Course Learning Outcomes:

- 1. Apply mathematical concepts and tools to solve real-world business problems.**
- 2. Utilize statistical software and data analysis techniques for decision-making.**
- 3. Develop mathematical models to optimize business processes and operations.**
- 4. Communicate complex mathematical findings effectively to non-technical audiences.**

Department of Geography

Shaheed Bhagat Singh, Government Post Graduate College Pipariya

Add on course

Environmental protection and Disaster management

पर्यावरण सुरक्षा एवं आपदा प्रबंधन

Department of Geography

Unit 1: Environment-Meaning definition, nature, scope and classification Components of Environment, पर्यावरण: पर्यावरण का अर्थ परिभाषा, प्रकृति, क्षेत्र एवं वर्गीकरण पर्यावरण के घटक **(Period- 06)**

Unit 2: Environment and ecology, Interrelation of natural and human environment, Quality of human life and environment, पर्यावरण एवं पारिस्थितिकी, प्राकृतिक एवं मानवीय पर्यावरण का अंतर्संबंध, मानव जीवन और पर्यावरण की गुणवत्ता

(Period-07)

Unit -3 Pollution: Air Pollution, Noise Pollution, Water Pollution, Soil Pollution, Radio - Active Pollution Environmental degradation: प्रदूषण: वायु प्रदूषण, ध्वनि प्रदूषण, जल प्रदूषण, मृदा प्रदूषण, रेडियो - सक्रिय प्रदूषण, पर्यावरण का क्षरण

(Period-08)

Unit -4 Environmental protection and management Definition of disaster management components of disaster management, cycle-Crisis management & risk manage, quick response & relief, recovery, development, prevention and mitigation, risk transfer, Disaster management- act and policy , Role of Governments, Media, and NGOs: पर्यावरण सुरक्षा एवं प्रबंधन आपदा प्रबंधन: आपदा प्रबंधन की परिभाषा; आपदा प्रबंधन चक्र के घटक- संकट प्रबंधन और जोखिम प्रबंधन त्वरित प्रतिक्रिया और राहत, पुनर्प्राप्ति, विकास। रोकथाम और शमन, जोखिम हस्तांतरण। आपदा प्रबंधन- कार्य एवं नीति। **(Period-11)**

Unit -5 Environmental laws: water act 1974, air act 1981, the wildlife protection act 1972 the environment act 1986 the forest conservation act 1980 Environment Acts Case study – Forest Rights Act – 2006, Ground-water level issues and mechanism of Watersheds Problems of administering environmental policies in India – NGOs and environmental protection – their contribution and limitation.: जल अधिनियम 1974, वायु अधिनियम 1981, वन्य जीव संरक्षण अधिनियम 1972, पर्यावरण अधिनियम 1986, वन संरक्षण अधिनियम 1980 पर्यावरण कानून: पर्यावरण अधिनियम के सस्टडी - वन अधिकार अधिनियम - 2006, भूजल स्तर के मुद्दे और वाटर शेड का तंत्र भारत में पर्यावरण नीतियों के प्रशासन की समस्याएं - गैर सरकारी संगठन और पर्यावरण संरक्षण - उनका योगदान और सीमाएं

(Period-13)

Course Learning Outcomes:

- 1. To increase the knowledge and understanding of the disaster phenomenon, its different contextual aspects, impacts and public health consequences.**
- 2. To increase the knowledge and understanding of the International Strategy for Disaster Reduction (UN-ISDR) and to increase skills and abilities for implementing the Disaster Risk Reduction (DRR) Strategy.**
- 3. To ensure skills and abilities to analyse potential effects of disasters and of the strategies and methods to deliver public health response to avert these effects.**
- 4. To ensure skills and ability to design, implement and evaluate research on disasters.**

15

FAMILY COUNSELING

Add on Course

(Under Sociology Department)

Program Outcomes -

- To Learn and Practice basic counseling Skill couple counseling and Family Counseling skills
- To Learn Practice Various of family therapies.
- To provide the Students a platform to practice and master their Family Therapy Skills under Supervision.
- To Know that family as a system and understand the family dynamics.

Eligibility for the course -

Candidates for admission to the certificate in Family Therapy should possess any Bachelor's degree or an examination accepted. as equivalent thereto.

Duration of the Course –

30 hours

Unit - I

Family Counselling - Definition of family, Characteristics, function types or forms of family advantages of family relationship

Unit - II

Family Counseling - importance of family counseling, significance of family Counseling today. Family counseling process, assessment in family Counseling, Goals of family across life cycle.

Unit - III

Conflict Managements : Five models of conflict management effective conflict management skills positive Communication and feedback.

Unit - IV

Parenting Skills : - Definition and meaning Different types of parenting - Issues in parenting Effective parenting management of Behavioral issues of children.

Assessment and Grading

- Discussion & Classroom Participation -20%
- Project / Assignment 30%
- End term exam: 50%

SYLLABUS OF FOOD AND NUTRITION

Time – 30 Hrs.

M.M. 50

Learning objectives

After completing this course students will be able to:

1. Identify and explain nutrients found in each food group and the specific functions in maintaining health.
2. Discuss the role of diet in causing and preventing various diseases, particularly chronic diseases.
3. To interpret and apply nutrition concepts to evaluate and improve the nutritional health of communities.
4. Discuss the basic principles of food preservation methods, spoilage and deterioration mechanisms in foods.
5. List the health consequences associated with faulty food habits 6. Understand food laws, food safety & nutrition programs.

Pre-requisites:

The programme aims to acquaint the students with the role of food in ensuring healthy living for the individual, family and community. It also lays primary emphasis on nutrition with relevance to present day scenario, cost effectiveness, environment friendly approaches that reaches to almost the entire nation, hence making them responsible and aware citizens of tomorrow.

Unit 1 FOODS IN TRADITION: Nutritional/medicinal quality of different traditional foods Traditional food processing technologies Indian meal patterns - vegetarian & non-vegetarian. Nutritive value of common Indian food.

Unit 2 NUTRITION DURING LIFE SPAN: Nutrition during early childhood (Toddler/Preschool), Nutrition of school children, Nutrition during adolescence, Nutrition during adulthood,

Unit 3 MEAL MANAGEMENT: Introduction to meal management - balanced diet, food groups & the planning of balanced diet. Meal planning for the family.

Unit 4 FOOD ADDITIVES & PRESERVATIVES- Food additives: Definitions, functions and uses in processed food products. Food preservatives: Definitions, functions and uses in processed food products.

Unit 5 **FOOD LAWS, FOOD SAFETY & NUTRITION PROGRAMS**: Concept and meaning of Food quality and food Safety, Food adulteration, food hazards.

Suggested readings:

1. Food Additives H. A. Modi Aavishkar Publisher, Jaipur 2011
2. Food chemistry, A Laboratory Manual Inter science publication John Willey & Sons Inc
3. Latest Food chemistry Seema Yadav, Anmol Pvt., Ltd 1997
4. Human nutrition and dietetics Garrow, ED SANAL, James Churchill Livingston, Publication U.K 1993.
5. Life Cycle Nutrition Sari Edelstein, Judith Sharlin Jones and Bartlett Pub 2008
6. Managing Food and Nutrition Services Sari Edelstein Jones and Bartlett Pub. 2007
7. Modern Nutrition in Health & Diseases Mauris E Shills, Vermon R Young K. M. Varghese, Com. 1988
8. Normal Nutrition Robinson, OH & Lawyer Mc. Milam Pub.
9. Latest Nutrition, principles and application in health promotion Carol west suitor merrily forbes, Crowley Lippincot companay Ltd. 1984

SHAHEED BHAGATSINGH GOVERNMENT PG COLLEGE, PIPARIYA

Department of English

Course Level: UG
Session: 2022-23 onwards
Course Name: Functional English
Course Code:
Course Type: Add-on Course
Eligibility: Pass in (10+2)
Course Duration: 30 hrs.

About the course:

This course primarily aims to endow students with the fundamentals of English required in real-life situations by honing their listening and speaking skills apart from reading and writing skills, thereby improving their communication skills.

The English language has gained prominence as a global means of communication. Since emphasis is laid more on the reading and writing aspects of the language, it is crucial to boost confidence and efficiency in listening and speaking too.

Course objectives:

- To upgrade their skills of listening, speaking, reading and writing;
- To expose students to various social and workplace scenarios;
- To enhance their vocabulary by maintaining a vocabulary journal;
- To lay the foundation of necessary phonetics, vocabulary and grammar;
- To improve their comprehension skills and fluency;
- To promote competitiveness and efficiency in their academic and career progression

Course Outcomes:

At the end of the course, students should have the ability

- to use English language efficiently in various day-to-day situations;
- to use different expressions for different contexts in formal and informal situations;
- to understand the jargon of texts, documents, etc.;
- to articulate words and being concise;
- to convey ideas effectively and making an impact

Teaching methodology:

The methodology involves classroom lectures, e-content, role-play, group discussions etc.

Course content:

UNIT 1: Listening

Listening and responding to questions, statements, instructions, narratives and explanations and responding either face-to-face or through the electronic media.

Listening and responding to the spoken form and following detailed explanation and multi-step instructions of varying length.

UNIT 2: Speaking

Speaking to communicate basic information, feelings and views/opinions on familiar topics using appropriate formality, articulately, concisely either face-to-face and through the electronic media.

Speaking to communicate in a straightforward manner or to provide detailed information, ideas and opinions clearly, adapting speech and content according to the listener(s), medium, intent and situation.

UNIT 3: Reading:

To adopt relevant reading strategies, distinguish facts and opinions, decipher and make inferences

UNIT 4: Writing

Writing to communicate basic information. Feelings and opinions on familiar topics.

Assessment & Evaluation

Assignments based on units 1 and 2 (10 marks)

Assignments may also be

Engaging in discussions with one or more people in a familiar scenario, making relevant responses, opinions, suggestions to reach a level of shared understanding, exchanges which have relevance to education, training, work and social roles. (10 marks)

Viva-voce (5 marks)

External examination based on the 4 units – questions may be objective or subjective to assess proficiency in reading and writing skills. (25 marks)

Course Materials:

Will be sourced from the print media, YouTube, audio-visuals, internet, etc.

Suggested reading resources:

Effective Communication Skills – Robert King

Oxford Practical English Usage – Michael Swan

Functional English Grammar -Graham Lock

एडान कोर्स

सत्र 2022-23

“प्रयोजन मूलक हिन्दी”

प्रस्तावना :-

हिन्दी हमारी राजकीय भाषा है जो भारत के विविध प्रान्तों में बोली व समझी जाती है। भारतीय संविधान में हिन्दी भाषा को राजकीय भाषा के पद पर सुशोभित किया गया है। हिन्दी भाषा में लिखित साहित्य में निहित भारतीय ज्ञान परंपरा तथा समसामयिक, राजनीतिक, सांस्कृतिक एवं आर्थिक पृष्ठभूमि को अंकित किया गया है। इस अंकन को अन्य भाषाओं में अनुदित करने का कार्य प्रयोजन मूलक हिन्दी द्वारा सहज रूप में किया जा सकता है। प्रयोजन मूलक हिन्दी द्वारा भाषा के अनुवाद तथा संचार, संप्रेषण को अभिष्ट रूप में व्यक्त किया जा सकता है। हिन्दी भारतीय भाषा होने के कारण हिन्दी साहित्य में भारतीय जीवन तथा इसकी विविध विशिष्टताओं का अंकन मिलता है। हिन्दी साहित्य में मनुष्य जीवन की कठिनाईयों को अपनी कविताओं, कहानियों तथा उपन्यासों के माध्यम से सहज तथा सरल बनाने में महत्वपूर्ण भूमिका निभाता है। इसी सहजता के कारण राष्ट्रीय व अंतर्राष्ट्रीय स्तर पर पढ़ा व लिखा जाने वाला साहित्य रहा है। अतः हिन्दी साहित्य के लालित्य, शैली एवं उसके मानक स्वरूप का ज्ञान हमें हिन्दी व प्रयोजन मूलक हिन्दी के अध्ययन से ही संभव है।

ईकाई – 1

M1 – भाषा की अवधारणा, अर्थ, परिभाषा

M2 – देवनागरी व हिन्दी का विकास

ईकाई – 2

M1 – प्रयोजन मूलक हिन्दी एवं प्रकृति

M2 – प्रयोजन मूलक हिन्दी की अवधारणाएं तथा महत्व

ईकाई – 3

M1 – हिन्दी भाषा और उसका साहित्य

M2 – प्रवासी हिन्दी साहित्य

ईकाई – 4

M1 – प्रयोजन मूलक हिन्दी एवं अनुवाद प्रणाली

M2 – अनुवाद एवं संचार प्रणाली का योगदान

ईकाई – 5

M1 – राष्ट्र निर्माण में प्रयोजन मूलक हिन्दी भाषा का योगदान

M2 – अंतर्राष्ट्रीय प्रवासी साहित्य में अनुवाद एवं अनुवाद प्रणाली का योगदान

Course Learning Outcomes;

- 1. To prepare and motivate students for research studies in Hindi language and literature and related fields.**
- 2. To provide advanced knowledge of different theories of Hindi language and literature and empowering the students to pursue higher degrees/research at reputed academic institutions.**
- 3.To nurture analytical qualities or skills, thinking power, creativity through assignments & project works.**
- 4. To imbibe the effective communication in both mediums of expression (oral and writing).**

Add on Course GENDER SENSITIZATION

Course Outcomes-

1. To introduce gender Sensitization and related issues.
2. To raise and develop Social consciousness among the students.
3. To sensitize the Students regarding the issues of gender and the gender inequalities prevalent in society.
4. To initiate the gender perspective in all domains of understanding gender studies with the issues of their daily life.
5. To encourage capacity building among the Students to enable them to engage policy decisions to remove Gender biases in all fields of Life In the process of gender equality for Society and nation Building.

UNIT-I Understanding Gender related concepts

- Gender: Sex vs. Gender, Social construction of Gender, Gender Roles, Gender Stereotypes, Gender division of Labour

Patriarchy

Gender, caste & Class

UNIT-2 GENDER ROLES AND RELATIONS

Types of Gender roles.

sex selection and its consequences

Demographic Consequences - Gender Spectrum : Beyond the Binary.

UNIT-3 Gender Sensitization

- Gender sensitization: Meaning, Nature & importance
- Challenges before Gender & sensitization
- Practices for... Gender Sensitization

UNIT-4 GENDER AND LABOUR

- Division and valuation of Labour
- Housework: The Invisible Labour "My Mother doesn't work."
- Gender and Human Rights
- Gender and Mainstreaming

UNIT-5 GENDER AND CULTURE

- Gender and Film - Gender and electronic media, gender and Advertisement
- Gender Development Issues.
- Gender sensitive Language.

UNIT-6 GENDER-Based VIOLENCE.

- The Concept of violence - Types of Gender-based violence
- Gender based violence from Human Rights Perspective
- Sexual Harassment

एडान कोर्स

सत्र 2022-23

“मानवाधिकार और शिक्षा”

राजनीति शास्त्र

प्रस्तावना :-

आज तक हमने बहुत से अधिकारों के बारे में जाना है अब हम एक ऐसे अधिकार के बारे में जानेंगे जो सभी अधिकारों से महत्वपूर्ण है – मानवाधिकार मानवाधिकार का मतलब उससे है जो व्यक्ति के जीवन स्वतंत्रता समानता गरिमा एवं प्रतिष्ठा से संबंध रखता है जिसे संविधान द्वारा प्रदत्त किया गया है। जिसमें अंतराष्ट्रीय नियमों के अनुसार समाहित है और न्यायालय द्वारा उसका पालन करवाया जा सकता है। प्रायः सभी देशों और समाज में मानव के साथ अमानवीय व्यवहार देखा जाता है। जाति, धर्म, क्षेत्र, वंश, लिंग और नस्ल आदि ऐसे मुद्दे हैं जिनके आधार पर व्यक्ति एवं व्यक्ति के बीच भेदभाव किया जाता है राष्ट्र एवं समाज स्तर पर भेदभाव पर अंकुश लगाने हेतु मानव के विकास के लिए मानवाधिकार अत्यंत महत्वपूर्ण है।

ईकाई – 1

कालखंड

M1 – मानवाधिकार की अवधारणा, अर्थ, परिभाषा और प्रकृति

04

M2 – मानवाधिकार की उत्पत्ति

02

ईकाई – 2

M1 – मानवाधिकार का वर्गीकरण एवं महत्व

03

M2 – मानवाधिकार के सिद्धांत एवं प्रकार

03

ईकाई – 3

M1 – अंतराष्ट्रीय मानवाधिकार आयोग की संरचना एवं कर्तव्य

02

M2 – भारत में मानवाधिकार आयोग की स्थापना, गठन एवं कार्य

04

ईकाई – 4

M1 – राज्यों में मानवाधिकार आयोग की स्थापना एवं कार्य

04

M2 – मानव जीवन में मानवाधिकारों प्रासंगिकता

02

ईकाई – 5

M1 – राष्ट्र निर्माण में मानवाधिकारों की भूमिका

03

M2 – अंतराष्ट्रीय मानवाधिकार आयोग की विश्वशांति, न्याय और समानता में भूमिका

03

R. Patel
विभागाध्यक्ष

Course Learning Outcomes:

- 1. Understand the core principles of human rights and international human rights law.**
- 2. Analyze the relationship between education and human rights.**
- 3. Develop strategies to promote human rights education and awareness.**
- 4. Advocate for the realization of human rights for all.**

**SHAHEED BHAGAT SINGH GOVT. P. G. COLLEGE
PIPARIYA NARMADAPURAM (M.P.)**

Department of Chemistry

Course : Add On Course for Science Stream

Syllabus Of : Industrial Chemistry

Total: 30 Hrs

Max marks: 50

SYLLABUS

UNIT-I (06 Hrs)

Industrial Pollution: introduction of Industrial Pollution, Industrial Pollution with reference to Air, Water and soil, Remedies for Industrial Pollution.

UNIT-II (06 Hrs)

Solid waste management: Introduction of Industrial Solid Waste, Removal of Solid contaminants from waste water by coagulation, fuel polarization and Ozone depliction, carbon credits.

UNIT-III (05 Hrs)

Concept of scientific management in industry: Functions management decision making and planning, organizing, location of industry.

UNIT-IV (06 Hrs)

Sampling: Sampling of bulk materials, Techniques of sampling solid, liquid and gases NMR-Spectroscopy, Adsorption, Photometry, neutron diffraction, X-ray fluorescence.

UNIT-V

(07 Hrs)

Modern Instrumental methods of analysis: UV-Visible Spectroscopy, IR Spectroscopy, Paper Chromatography, TLC, HPLC, Beer-Lambert's law.

Course Outcomes:

By the end of the course, the students will be able to:

1. Make the students well-grounded in the principles and through knowledge of scientific techniques of industrial Chemistry.
2. Prepare students for professional participation in Chemical industries so as to adapt themselves to jobs which are problem solving.
3. Learn major causes of air pollution, its control and alarming problem of global warming.
4. Know qualitative and quantitative measurements of water treatment, conservation and handling of industrial effluent.
5. Know applications of various types of dyes including those in foods and textiles.

Book Suggested

Text Books:

1. Industrial chemistry, B.K. Sharma
2. Environmental Chemistry, A.K.de, Wiley Eastern, 2004.
3. Instrumental Methods of Chemical analysis, B.K. Sharma

Reference Books:

1. Encyclopedia of Industrial Chemistry, ULLMANN'S, 7th Edition.
2. Industrial Polymer applications: Essential chemistry and Technology, William r Ascroft, 2017.

एड ऑन कोर्स

सत्र 2022-23

बौद्धिक सम्पदा विधियाँ

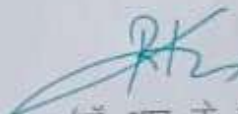
विधि

मनुष्य अपनी बुद्धि से कई तरह के अविष्कार और नई रचनाओं को जन्म देता है। उन विशेष अविष्कारों पर उसका पूरा अधिकार भी है। लेकिन उनके इन अधिकारों का संरक्षण चिंता का विषय रहा है। यदि हम मौलिक रूप से कोई रचना करते हैं और इस रचना का किसी अन्य व्यक्ति द्वारा अवैध तरीके से अपने लाभ के लिए प्रयोग किया जाता है। यह रचनाकार के अधिकारों का उल्लंघन है, इन अधिकारों के संरक्षण के लिए संसद द्वारा विधि निर्माण करके अधिकारों को बौद्धिक सम्पदा के रूप में संरक्षित किया गया है।

बौद्धिक सम्पदा विधियों के अंतर्गत आने वाले प्रमुख अधिनियम निम्न प्रकार से हैं-

- | | | |
|---|---|------------|
| 1. प्रतिलिप्याधिकार अधिनियम 1957 | - | 06 कालखण्ड |
| 2. व्यापार चिन्ह अधिनियम 1999 | - | 06 कालखण्ड |
| 3. डिजाइन अधिनियम 2000 | - | 06 कालखण्ड |
| 4. पेटेन्ट अधिनियम 1970 | - | 06 कालखण्ड |
| 5. वस्तुओं का भौगोलिक संकेतक
(पंजीकरण और संरक्षण अधिनियम) 1999 | - | 06 कालखण्ड |

For *Signature*
विभागाध्यक्ष विधि


(डॉ. आर. के. वर्मा)
प्राचार्य

Add on certificate course 2022-23

Leadership Management (नेतृत्व प्रबंधन)

कुल यूनिट – 05

अवधि – 30 घंटे

यूनिट – I – नेतृत्व का अर्थ परिभाषा एवं विशेषताएं।

Defination Meaning Features of Leadership.

II – नेतृत्व की प्रकृति, कार्य एवं महत्व ।

Nature functions & importance of Leadership.

III – नेतृत्व सिद्धांत या विचारधाराएं।

Theories of Leadership.

IV – नेतृत्व शैली को प्रभावित करने वाले तत्व।

Factors affecting Leadership style.

V – नेतृत्व के गुण एवं उसके मार्ग में बाधाएं।

Qualities and Hindrances of leadership.

Books – 1. Principles of management- Dr. Sanjay Gupta.

2. Everything About leadership – Vivek Bindra

3. Leadership Management and Devlopment - Kavin Dalton.

Smt. Pramila Verma

Course Learning Outcomes:

- 1. Understand the core concepts of leadership and management, including their roles and responsibilities.**
- 2. Develop effective leadership styles and behaviors to inspire and motivate teams.**
- 3. Make sound decisions and solve problems in complex organizational environments.**
- 4. Build and maintain strong relationships with stakeholders at all levels.**

SHAHID BHAGAT SINGH GOVT. P.G. COLLEGE PIPARIYA

Department of Botany

ADD on Certificate course Name

Medicinal Plants

Programme Aims

This program aims to produce skilled middle level technical workforce of Medicinal Plants equipped with required knowledge, skills and attitudes.

Course Learning outcomes

1. Learn about the utility of plant products for treatments to use them as business.
2. The utility of plants as medicines,
3. The preparation of basic herbal medicinal products,
4. Identify plant species used in Ayurvedic,
5. Understand importance of Ethnomedicines.
6. Prepare cosmetic Ethnomedicines.
7. The idea of cultivation practices,
8. The storage, packaging and marketing of herbal medicines,
9. To work with individual plant and plant products.

Expected Job Role / career opportunities

1. Students can work in pharmaceutical companies for selling, marketing and analytical works.
2. They can establish their own product preparation industries on small or large basis.
3. Students can engage themselves in production of plant-based medicines and their marketing.
4. Cultivate the medicinal plants,
5. Get employment opportunities in area of health services as community services, rural health services and NGO related with health awareness etc.,
6. Set up a venture of nursery of medicinal plants,

Group Size

The group size will be minimum of 20 (Twenty) students in a batch.

Entry Criteria

12th pass with minimum C grade / 45% percentage in any discipline.

Course Duration

The Certificate course in Medicinal Plants program extends over of 30 (02 hour per week) contact hours.

Medium of Instruction:

The medium of instruction will be in Hindi and English.

SYLLABUS

Unit- I

Plant parts used as Powder: Identification and utilization of Amla (*Embellica officinalis*), Bahera (*Terminalia bellerica*). Harad (*Terminalia chebulla*). Haldi (*Curcuma longa*), Lahsun (*Allium sativum*), Karela (*Momordica charantia*), Jamun (*Syzygium cumini*), Fenugreek (*Trigonella foenum-graecum*), Sarpagandha (*Rauvolfia serpentina*). Black pepper (*Piper nigrum*), Ashwagandha (*Withania somnifera*).

Unit –II

Plant parts used as Lotion/Ointment: Identification and utilization of Gwarpatha (*Aloe vera*), Fenugreek (*Trigonella foenum-graecum*), Pot marigold (*Calendula officinalis*), Neem (*Azadirachta indica*).

Unit –III

Plant parts used as juice/decoction: Identification and utilization of Amla (*Embellica officinalis*). Ginger (*Zingiber officinale*), Onion (*Allium cepa*). Tulsi (*Ocimum sanctum*), Arjun (*Terminalia arjuna*), Gwarpatha (*Aloe vera*), Brahmi (*Bacopa monnieri*), Giloy (*Tinospora cordifolia*). Shankhpushpi (*Convolvulus prostratus*), Bael (*Aegle marmelos*). Important Indian Medicinal Plants.

Unit –III

Plants used in Ayurvedic System of Treatment: Local and scientific name, family and identification of *Boerhavia diffusa* (Punarnava), *Butea monosperma* (Palash), *Datura* sp., *Piper nigrum* (Black pepper), *Ricinus communis* (Arandi), *Withania somnifera* (Ashwagandha).

Plants used in different diseases: *Santalum album* (Chandan), *Oryza sativa* (Chawal), *Euphorbia hirta* (Dudhi), *Bauhinia variegata* (Kachnar), *Aegle marmelos* (Bel), *Ocimum sanctum* (Tulsi).

Unit –IV

Cosmetic Ethnomedicines: *Curcuma longa* (Haldi), *Vitex negundo* (Nirgundi), *Cicer arietinum* (Chana), *Sesamum indicum* (Tilli).

Plant parts used as oil: Clove (*Syzygium aromaticum*), Neem (*Azadirachta indica*), Coconut (*Cocos nucifera*), Nilgiri (*Eucalyptus* sp.).

Text Books, Reference Books, Other resources

1. Muthuswamy Brinda and Sanjeev, List of medicines, Swami publishers (P) Ltd. (2016)
2. Dr. Pankaj Taneja, Principles and practice of Ayurvedic Medicine, Chaukhamba prakashan Varanasi. (2010)
3. Dr. O.P. Gupta, Handbook of Ayurvedic medicine, Chaukhamba prakashan. (2018)

4. K.V. Viswanadha Reddy, Tribal Ethnomedicine and Healthcare practices B.R. Publishing Corporation. (2011)
5. Saraf Swarnlata, Saraf Shailendra, Cosmetics Practical Manual, Bsp Books Pvt Ltd (2015)
6. EIRI Board, Herbal cosmetics and Beauty Products with Formulations, Engineers India Research Institute (2015)

Suggested equivalent online courses: e-reading:

1. <https://www.ncbi.nlm.nih.gov>
2. <https://www.cancer.gov>
3. <https://www.healthline.com> 4. <https://www.sciencedirect.com>
5. https://www.nceih.nih.gov_

Add on certificate course 2022-23

Money and Banking (मुद्रा एवं बैंकिंग)

कुल यूनिट - 05

कुल - अंक = 50

अवधि - 30 घंटे

कुल पीरिड = 30

यूनिट - I - मुद्रा की परिभाषा कार्य एवं महत्व।

Defination functions and importance of money.

06

II - मुद्रा की पूर्ति, अर्थव्यवस्था में वित्त की भूमिका।

06

Supply of money, Role of finance in an economy.

III - बैंक की अवधारणा परिभाषा, कार्य प्रकार एवं महत्व।

06

Concept, Definition of Bank, functions importance and types of Banks.

06

IV - भारत में वाणिज्यिक बैंकों की वर्तमान संरचना बैंकों में भर्ती एवं चयन।

Present structure of commercial Banks in India, Recruitment and selection in Bank.

V - रिजर्व बैंक ऑफ इंडिया-कार्य, रिजर्व बैंक द्वारा साख नियंत्रण, शक्तियाँ।

06

Reserve Bank of India Functions, control of credit by RBI, power of RBI.

Books - 1. प्रो. वी पी अग्रवाल एवं एस के शर्मा - साहित्य भवन पब्लिकेशन आगरा

2. डॉ. राम रतन शर्मा - हिन्दी ग्रंथ अकादमी भोपाल

3. प्रो. वी.पी. अग्रवाल बैंकिंग एवं बीमा - साहित्य भवन पब्लिकेशन आगरा

Must
(डॉ. एस के मेहरा)
ग्रंथ "वाणिज्य"

Course Learning Outcomes:

- 1. Understand the core concepts of leadership and management, including their roles and responsibilities.**
- 2. Develop effective leadership styles and behaviors to inspire and motivate teams.**
- 3. Make sound decisions and solve problems in complex organizational environments.**
- 4. Build and maintain strong relationships with stakeholders at all levels.**

**SHAHEED BHAGAT SINGH GOVERNMENT P.G. COLLEGE,
PIPARIYA**

ADD ON COURSE: MUSHROOM CULTIVATION

Duration of Course: 30 hrs

Maximum marks 50

Course Objectives

- To facilitate self-employment for income generation in small scale industry.
- To provide training on mushroom cultivation, packaging and marketing.
- To identify the contaminating agents of mushroom

Learning Outcomes

1. To enable the students to identify the edible and poisonous mushrooms.
2. To learn the cultivation of edible mushrooms.
3. To know harvesting and post harvesting processes of mushroom.
4. To prepare the value added products from mushroom

Module 1: Introduction (3 Hours)

History of mushroom cultivation; Classification and distribution of mushroom; life cycle of mushroom. Identification of Edible and poisonous mushrooms.

Module 2: Common edible mushrooms (4 Hours)

Button mushroom (*Agaricus bisporus*), Oyster mushroom (*Pleurotus ostreatus*) and paddy straw mushroom (*Volvariella volvacea*): General morphology and distinguishing characteristics

Module 3: Health benefits of mushrooms (4 Hours)

Nutritional profile and medicinal values of mushrooms. Therapeutic aspects and antitumor effect, Value added products of mushrooms, preparation of various dishes from mushroom.

Module 4: Post harvest technology

(4 Hours)

Preservation of mushrooms - freezing, dry freezing, drying, canning, quality assurance and entrepreneurship.

Module 5: Training/ Workshop/ Field visit**(15 Hours)**

Sterilization and sanitation of mushroom house, instruments and substrates
Preparation of mother culture, media preparation, inoculation, incubation and spawn production, Cultivation of oyster mushroom using paddy straw/agricultural wastes, cultivation, extraction, isolation and identification of active principle from mushroom. Pharmacological and economic values of mushroom.

References

1. Pathak, V. N. and Yadav, N. (1998). Mushroom Production and Processing Technology. Agrobios, Jodhpur.
2. Tewari Pankaj Kapoor, S. C. (1988). Mushroom Cultivation. Mittal Publication, New Delhi.
3. Tripathi, D.P. (2005) Mushroom Cultivation, Oxford & IBH Publishing Co. PVT.LTD, New Delhi.
4. V.N. Pathak, Nagendra Yadav and Maneesha Gaur, Mushroom Production and Processing Technology/ Vedams Ebooks Pvt Ltd., New Delhi (2000).

SHAHID BHAGAT SINGH GOVT. P.G. COLLEGE PIPARIYA

Department of Biotechnology

ADD on Certificate course Name

Organic farming

Programme Aims

This program aims to produce skilled middle level technical workforce of Organic farming equipped with required knowledge, skills and attitudes.

Course Learning outcomes

1. prepare media for protected cultivation.
- 2.demonstrate irrigation and fustigation, green house operation, irrigation and fustigation,care and maintenance of protected structure .
3. demonstrate special horticultural practices in protected cultivation.
- 4.identify and control of insect-pest and diseases, harvest and post harvest practices.

Expected Job Role / career opportunities

job opportunities in government sector as well as private sector and self employment.

Group Size

The group size will be minimum of 20 (Twenty) students in a batch.

Entry Criteria

12th pass with minimum C grade / 45% percentagein any discipline.

Course Duration

The Certificate course in Medicinal Plants program extends over of 30 (02 hour per week) contact hours.

Medium of Instruction:

The medium of instruction will be in Hindi and English.

SYLLABUS

Unit- I

Introduction of organic farming, definition, meaning, principles, types, advantages, importance, limitations.

Unit –II

Developing organic farm, conversion of soil to organic soil cultivation and tillage, creating good growing conditions, soil compaction.

Unit –III

Types of soil cultivation, crop planning and management, crop rotation, intercropping, cover crops, crop animal association.

Unit – IV

Mulching, organically manage the field, live fencing, water and nutrient management, weed management, pest and disease management.

Unit –V

plant propagation, criteria for seed evaluation, characterization and multiplication, importance of traditional varieties, seed conservation.

Other form of organic management, biodynamic agriculture, Rishi Krishi, natural farming.

Text Books, Reference Books, Other resources

1. principles of organic farming-by S.R. Reddy, Kalyani publishers, New.
- 2.Organic farming (Theory and practice)- by S.P palaniappan and annadurai, scientific publisher, new delhi.

Suggested equivalent online courses: e-reading:

1. www.nptel.ac.in › organic forming ›126/105/126105014
2. [http://www.agmoocs.in/Organic forming](http://www.agmoocs.in/Organic%20forming)

Syllabus for Certificate Course in Renewable Energy

Syllabus

UNIT - 1

Introduction to Renewable and Solar Energy

- Renewable Energy and its prospects various RE sources
- Introduction to Solar Energy and Solar Radiation, its importance, Differentiate Solar PV and Solar thermal Energy.
- Solar Resource Measurement, Instrumentation and its applications.

UNIT - 2

Introduction of Photovoltaic Technology and its applications

- Basics of Light to Energy Conversion
Brief History of Solar / PV cells
- Classification of PV Modules based upon technology Brief on PV Cell/Module manufacturing process
STC and NOCT test conditions and Characterization of PV Modules
- PV module defects and degradation in the field (Techniques for identification of effects)

UNIT - 3

Components of a PV System: Battery, inverter and Charge controllers

- Basics of standalone PV system, Balance of System (BOS)
- Components of a PV System: Battery, inverter and Charge controllers
- Basics of Charger Controllers, operation and specifications. DC-DC converters
- Types of charge controllers and selection criteria

UNIT - 4

Fundamentals of PV system sizing

- What is sizing, significance and steps involved in sizing?
- Load Estimation, analysis and basics on energy efficiency
- Module sizing and aspects. Lay out diagrams, Spacing of PV strings and placing of each

UNIT - 5

Importance of Tools and its applications

- Introduction to various tools used in the power plant installation. Its usage Safe handling of tools
- Check list preparations and Pre-requirements of installation.

Course Learning Outcomes:

- 1. Understand the different types of renewable energy sources and their potential.**
- 2. Evaluate the technical and economic feasibility of renewable energy projects.**
- 3. Design and implement renewable energy systems for various applications.**
- 4. Assess the environmental and social impacts of renewable energy technologies.**

**SHAHEED BHAGATSINGH GOVT. P.G. COLLEGE PIPARIYA,
DIST- NARMADAPURAM**

Research Methodology

(Basic Concept, Methods)

ADD-ON COURSE

Total hours: 30

Total Marks: 100

Workload: 2 Hrs/Day

Level-General to Specific

Prerequisites-None

Teaching Approach: Lecture/ video/ online and offline

Grading Test- 100 Marks

Date- Jan. 2023

Room- Seminar Room/Room No. 4/Online

Start: 11 dec.2022

SYLLABUS

About the Course:- यह पाठ्यक्रम विद्यार्थियों में शोध अभिरुची बढ़ाने हेतु बनाया गया है।

Course objective :- शोध की रूपरेखा को समझाना एवं शोध प्रक्रिया को बताना।

Course outcome :- इस पाठ्यक्रम से विद्यार्थी शोध का अर्थ, शोध के प्रकार, शोध की प्रक्रिया, शोध के उद्देश्यों को जानेंगे एवं साथ ही आंकड़ों के प्रकार, आंकड़ों को एकत्रित करने की विधियों को समझेंगे।

Unit-I:- शोध का अर्थ, एवं परिभाषा। Meaning and definition Of Research.

Unit-II:- शोध के प्रकार एवं उद्देश्य। Types and objectives of research.

Unit-III:- प्राथमिक एवं द्वितीयक आंकड़ों का अर्थ एवं संग्रहण की विधियां। Meaning and methods of collection of primary and financial data.

Unit-IV:- वैज्ञानिक शोध पद्धति का अर्थ एवं चरण। Meaning and stages of scientific research method.

Unit-V:- शोध अभिकल्प एवं रिपोर्ट लेखन Research design and report writing.

Reference :-

- 1 शोध पद्धतियां एवं सांख्यिकीय तकनीक –डॉ. एस. सी. जैन ।
- 2 सांख्यिकी के सिद्धांत– शुक्ल एण्ड सहाय ।
- 3 शोध पद्धतियां एवं सांख्यिकीय अनुप्रयोग–निशी गोयल ।

Dr. Aneeta sen
Head & Assistant Professor
SBS Govt. P.G. College Pipariya

ADD ON COURSES

Science Stream

Syllabus of
SOLAR ENERGY

Total 30 hrs (02h/wk)

Max Marks: 50

Learning Outcomes:

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

1. Acquire knowledge on solar radiation principles with respect to solar energy estimation.
2. Get familiarized with various collecting techniques of solar energy and its storage
3. Learn the solar photovoltaic technology principles and different types of solar cells for energy conversion and different photovoltaic applications.

SYLLABUS:

UNIT-I

Solar Radiation: (06 hrs)

Sun as a source of energy, Solar radiation, Solar radiation at the Earth's surface, Measurement of Solar radiation-Pyroheliometer, Pyranometer.

UNIT-II

Solar Energy: (04 hrs)

Sunshine recorder, Prediction of available solar radiation, Solar energy-Importance, Storage of solar energy, Solar pond.

UNIT-III

Solar Thermal Systems: (10 hrs)

Principle of conversion of solar radiation into heat, Collectors used for solar thermal conversion: Flat plate collectors and Concentrating collectors, Solar Thermal Power Plant, solar hot water systems, solar dryers, Solar Distillation, Solar greenhouses.

UNIT-IV

Solar Photovoltaic Systems: (06 hrs)

Conversion of Solar energy into Electricity - Photovoltaic Effect, Solar photovoltaic cell and its working principle, Different types of Solar cells, Series and parallel connections,

UNIT-V

Photovoltaic applications: (04 hrs)

Battery chargers, domestic lighting, street lighting and water pumping, solar cooker.

Reference Books:

1. Solar Energy Utilization, G. D. Rai, Khanna Publishers
2. Solar Energy- Fundamentals, design, modeling & applications, G.N. Tiwari, Narosa Pub., 2005.
3. Solar Energy-Principles of thermal energy collection & storage, S.P. Sukhatme, Tata McGraw Hill Publishers, 1999.
4. Solar Photovoltaics- Fundamentals, technologies and applications, Chetan Singh Solanki, PHI Learning Pvt. Ltd.,
4. Science and Technology of Photovoltaics, P. Jayarama Reddy, BS Publications, 2004

Add on Course

FINANCIAL ACCOUNTING WITH TALLY

(Duration 30 Hours)

Unit 1 -

Basic Concepts of Accounting, Financial Statements, Tally Screen Components, Tally.

Unit 2 -

Basic Company Details - Create/Alter/Select/Close a Company, Company Features, and Configuration, Create, Alter & Display Groups and Ledgers,

Unit 3 -

All accounting voucher types, Alter voucher entry, Display voucher entry, Trading account, profit and loss account and Balance sheet.

Unit 4 -

Create, Alter & Display Stock Groups and Stock Items, All inventory voucher types and transactions Inventory details in accounting vouchers.

Unit 5 -

Reports like balance sheet, Profit & Loss account, Accounts books like cash/bank book, All Ledgers Sales, purchase & journal registers.

Course Outcome: After completion of this course students will able to:

CO1: Exemplify to prepare and analyse the financial statements.

CO2: Acquire the basic concept of accounting terms.

CO3: Journalize the ability to rectify the errors in bank reconciliation statement.

Government recommended add on course

Course Title- Taxation(Certificate)

Unit	Subject	No of lecture
1	Introduction to Income Tax Importance Concept and Definitions Theoretical knowledge of various heads of income tax	5
2	Computation of Taxable Income	5
3	Tax assessment process and types of tax assessment	5
4	Goods and services Tax Introduction Important Vocabulary Structure and Classification of Goods and Services Tax	4
5	supply meaning and area place and time supply Concept of Custom Tax Exemption	3
6	Computation of taxable value under Goods and Services Tax	3

Practical

1	Introduction of incometax portal	1
2	Process for pan application	2
3	Registration for GST	2

अनुशंसित अध्यनन संसाधन

H C MEHROTRA	INCOME TAX LAW AND PRACTICES	SAHITYA BHAVAN AGRA
DR RK JAIN	INCOME TAX LAW AND PRACTICES	SBPD AGRA
H C MEHROTRA	GST AND CUSTOM DUTY	SAHITYA BHAVAN AGRA
CA ANOOPMODI CA MAHESH GUPTA	GST AND CUSTOM DUTY	SBPD AGRA
SISODIYA PUSHPENDRA	GST LAW	BHARAT LAW HOUSE DELHI

अनुशंसित मुल्यांकन अधिकतम अंक 50 न्यूनतम अंक 18

सतत व्यापक मुल्यांकन	10
प्रेक्टिकल फाइल एवं लिखित परीक्षा	40

प्रो एम् के चोकसे वाणिज्य विभाग

Course Learning Outcomes:

- 1- Build a strong foundation in accounting, management and business subjects**
- 2- Seek variety of career options in accounting, management and business related fields**
- 3- Equip with skills and knowledge to excel in their future careers**
- 4- Develop critical thinking skills in students**

उच्चशिक्षा विभाग मध्यप्रदेश शासन
 शहीद भगतसिंह शासकीय स्नातकोत्तर महाविद्यालय पिपरिया
 शासन द्वारा अनुशंसित एड ऑन कोर्स
 विषय:- टूर एण्ड ट्रवल्स प्रबंध **(Tour & Travles)**

कुल इकाई-5

अधिकतम अंक 50

Unit	Contains	No.of Lacture
1	Tour Guiding: Introduction to tour guiding and role of tour guide	6
2	Guiding techniques and Practical Guiding.	6
3	Role and duties: pre tip duties/ prepration, check in & check out procedures.	6
4	Situation handling: Group Control and seting limits handlings question communication.	6
5	Managing guiding business how to plan and itinerary.	6

Text Books: 1 choudhary Nimit 2013 – hand book for tour guides.

2 <https://tourism.gov.in>

3 E-path shala (2018)

Dr. Arun Kumar Mohta

Course Learning Outcomes:

- 1. Understand key issues in the relationship between language and learning.**
- 2. Understand the importance of language in learning.**
- 3. Understand the different ways in which language features in learning.**
- 4. Reflect critically on language and on learning.**

**SHAHEED BHAGAT SINGH GOVERNMENT P.G. COLLEGE,
PIPARIYA**

ADD ON COURSE: VERMICULTURE

TIME DURATION: 30 Hours

MAXIMUM MARKS: 50

UNIT – I (6 HOURS)

Vermitechnology- Definition, history, growth and development in other countries & India, significance.

UNIT – II (6 HOURS)

Vermiculture – definition, scope and importance; common species for culture; Environmental parameters; culture methods – wormery – breeding techniques; indoor and out door cultures - monoculture and polyculture – merits and demerits.

UNIT – III (6 HOURS)

Vermicomposting of wastes in field pits, ground heaps, tank method, roof shed method, static pile windrows, top fed windrows, wedges & bin method, harvesting the compost, storage, Vermiwash-Preparation and application.

UNIT – IV (6 HOURS)

Applications of vermiculture – Vermiculture Bio-technology, vermicomposting, use of vermicastings in organic farming/horticulture, earthworms for management of municipal/selected biomedical solid wastes; as feed/bait for capture/culture fisheries; forest regeneration.

UNIT – V (6 HOURS)

Future perspectives – Predator / pathogen control in wormeries; Potentials and constraints for vermiculture in India. Marketing the products of vermiculture – quality control, market research, marketing techniques – creating the demand by awareness and demonstration, advertisements, packaging and transport, direct marketing. Visit to relevant Labs/Field Visits

Text Books

1. Sultan Ahmed Ismail, 2005. The Earthworm Book, Second Revised Edition. Other India Press, Goa, India.

2. Bhatnagar & Patla, 2007. Earthworm vermiculture and vermin-composting, Kalyani Publishers, New Delhi

Reference Books:

1. Mary Violet Christy, 2008. Vermitechnology, MJP Publishers, Chennai.

2. Aravind Kumar, 2005. Verms & Vermitechnology, A.P.H. Publishing Corporation, New Delhi.

Course Learning Outcomes:

- 1. Understand the importance of vermicompost application to the soil.**
- 2. Understand and study the Scopes and Opportunities for vermicompost production.**
- 3. Study the Need for vermicomposting Organic Farming in India.**
- 4. To practice vermicomposting techniques inappropriate site/location.**

Add-on Course Syllabus

Web Designing

UNIT 1 (6hrs)

Introduction to website design, Purpose of website design, Overview of web technologies and history of the internet, Understanding web design principles, color theory, typography, and layout.

UNIT 2 (6hrs)

HTML-hypertext, hyper media, understanding basic HTML tools- HTML editor, web browser,

UNIT 3 (6hrs)

General structure of HTML document, different types of elements-doc type, comment element,

structural element, HTML tags and attributes: <html>, <body>, <head>, <title>, <h1>,... ,<h6>,
, <table>, , <hr>, adding links, background image to the body, creating lists.

UNIT 4 (6hrs)

Website design project -Applying web design and development principles to create a complete website, working in teams to develop a website,

UNIT 5(6hrs)

Collaborating on design and development, Final project presentation and critique.

Course Learning Outcomes:

- 1.To introduce students with basic concepts of Operating System, its functions and services.**
- 2. To introduce Windows Vista and Unix Operating System.**
- 3. Making the students understand and learn the basics of computer how to operate it.**
- 4.To make familiar with the part and function of computer, its types, how to use computer in our day to day life , its characteristics, its usage , Limitations and benefits etc.**

**SHAHEED BHAGATSINGH GOVT. P.G. COLLEGE PIPARIYA,
DIST- NARMADAPURAM**

Women Entrepreneurship

(Concept, role and policy)

ADD-ON COURSE

Total hours: 30

Total Marks: 100

Workload: 2 Hrs/Day

Level-General to Specific

Prerequisites-None

Teaching Approach: Lecture/ video/ online and offline

Grading Test- 100 Marks

Date- December 2022

Room- Seminar Room/Room No. 4/Online

Start: 11 dec.2022

Learning Objectives

The students will understand the meaning, concept and role of women entrepreneurship.

It will highlight various livelihood supports and policy for women employment opportunities.

They will learn about various role model of India and other countries.

They will able to discuss about women entrepreneurship, challenges and policies.

At the end of the course the student will be able to

CO 1: Understand the concept and role of women entrepreneurship.

CO 2: Know the various livelihood supports for women Employment opportunities.

CO 3: know the role of various developmental schemes supporting women entrepreneurship.

CO4: Understand the trends and pattern of women entrepreneurship and learn about many women entrepreneurs.

General Introduction

In modern days, women entrepreneurs are playing a very important role in business, trade or industry. Their entry into business is of recent origin. Women have already shown their vital role in other spheres like politics, administration, medical and engineering, technical and technological, social and educational services. This is true in advanced countries and now in recent years, they have been entering into these fields in our country. Their entry into business is a recent phenomenon in India

SYLLABUS

UNIT-1: Introduction of Entrepreneurship:

Meaning, definition and characteristics of entrepreneurship.

UNIT-2: Women Entrepreneurship:

Nature, significance and factor affecting women entrepreneurship, challenges faced by women entrepreneurs.

UNIT-3: Women employment opportunities:

Income Generating Programme – IRDP - Rural Credit & women's Self- help Groups.

UNIT-4: Policies for Women Entrepreneurship development:

Micro Enterprises and Self employment - Institution and Schemes supporting Women Entrepreneurs: SIDO, DIC, EDI, NIESBUD, SEWA, ALEAP.

UNIT-5: Women Entrepreneurship: Trends, pattern and role model

Trends and Patterns of Women Entrepreneurship in various Sectors, Achievements of Woman Entrepreneurs - Role Models of Woman Entrepreneur.

References (further reading)

- <https://commercestudyguide.com/wp-content/uploads/2020/10/UNIT-I-HINDI.pdf>
- <https://www.drishtiias.com/hindi/daily-news-editorials/opportunities-to-women-entrepreneurs>.
- <https://leverageedu.com/blog/>
- <https://testbook.com/objective-questions/hn/mcq-on-women-entrepreneurship--63c7f163858cfd0089e23037>
- <https://www.sansarlochan.in/women-entrepreneurship-schemes-hindi/>
- <https://www.ashishcommerceclasses.com/2022/08/mahila-udyami-kise-kahte-hai-hindi.html>