

**St. Joseph's College for Women, Civil Lines, Gorakhpur, Uttar  
Pradesh**

**Certificate Course Syllabus**

# **Certificate Course in Organic Farming**

**Course Duration:** 6 months (60 hours)

## **Course Description:**

This certificate course in organic farming is designed to provide participants with comprehensive knowledge and practical skills in organic agricultural practices. The course covers various aspects of organic farming, including soil health, crop cultivation, pest and disease management, organic certification, and sustainable farming practices.

## **Learning Outcomes:**

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

1. Understand the principles and benefits of organic farming.
2. Demonstrate knowledge of soil health management techniques in organic farming.
3. Implement organic crop cultivation practices, including seed selection, planting, and harvesting.
4. Identify common pests and diseases in organic farming and apply appropriate management strategies.
5. Explain the process of organic certification and its importance in marketing organic produce.
6. Implement sustainable farming practices to enhance productivity while minimizing environmental impact.

## **Syllabus:**

### **Unit 1: Introduction to Organic Farming**

- Understanding organic farming principles
- Benefits of organic farming
- Historical overview and current trends in organic agriculture

### **Unit 2: Soil Health Management**

- Soil composition and structure
- Soil fertility enhancement through organic methods
- Composting techniques and vermicomposting

### **Unit 3: Organic Crop Cultivation**

- Selection of organic seeds and varieties
- Crop rotation and intercropping
- Organic weed management techniques

### **Unit 4: Pest and Disease Management**

- Identification of common pests and diseases
- Integrated pest management (IPM) strategies
- Natural and organic pest control methods

### **Unit 5: Organic Certification and Marketing**

- Process of organic certification
- Standards and regulations for organic farming
- Marketing organic produce and value-added products

## **Module 6: Sustainable Farming Practices**

- Water conservation techniques
- Energy-efficient farming methods
- Biodiversity conservation on the farm

### **Assessment:**

- Quizzes and assignments after each module to assess understanding.
- Practical demonstrations and hands-on activities to apply learned concepts.
- Final project: Develop an organic farming plan for a hypothetical farm, including crop selection, pest management strategy, and sustainability measures.

**St. Joseph's College for Women, Civil Lines, Gorakhpur,**  
**Uttar Pradesh**

**Certificate Course in Environmental Education**

**Duration:** 6 months

**Course Outcome:**

Upon completion of this certificate course, participants will:

- Acquire knowledge and skills in various aspects of environmental management and conservation.
- Understand the principles and practices of wildlife management, soil resources management, and natural resource management.
- Learn about eco-friendly practices such as eco-labeling, conservation of seed banks, and vermicomposting.
- Gain proficiency in remote sensing and GIS techniques for environmental analysis and management.
- Develop an understanding of the health hazards associated with toxicants and waste treatment industries.
- Explore strategies for achieving zero emissions, managing financial risks related to climate change, and promoting sustainable finance.

**Unit I: Wildlife and Natural Resource Management**

- Wildlife Management
- Management of Soil Resources
- Management of Natural Resources
- Natural Pest Control Management
- Wildlife Ecotourism Management

**Unit II: Eco-Friendly Practices and Waste Management**

- Human Settlement Schemes and Ecomarks
- Conservation and Preservation of Seed Banks
- Vermi-culture Biotechnology Waste Management
- Biological Waste Management
- Habitat Management

**Unit III: Remote Sensing and GIS in Environmental  
Management**

- Remote Sensing Programs and GIS Courses
- Applications in Agriculture, Forest Resources, and Ecosystem Analysis
- Geoinformatics and Geosciences
- Urban and Regional Studies
- Water Resources Management
- GIS Applications in Environmental Management

#### **Unit IV: Environmental Hazards and Waste Treatment**

- Toxicants and Health Hazards
- Waste Treatment Industries: Refinery and Distillery
- Mines and Fertilizer Plants

#### **Unit V: Sustainable Practices and Climate Change Management**

- Zero Emission Building Energy Codes
- Managing Financial Risks from Climate Change
- Sustainable Finance
- BCG Climate and Sustainability Virtual Experience Programme
- Carbon Footprint Measurement, Reduction, and Offsetting Strategies

**St. Joseph's College for Women, Civil Lines, Gorakhpur,**  
**Uttar Pradesh**

*Certificate course in Functional English*

**Objectives:**

1. To introduce corrective measures to eliminate grammatical errors in speaking and writing.
2. To familiarise the learners with English sounds through listening.
3. To enable the learners to achieve accuracy in oral production by encouraging the use of a pronunciation dictionary (Oxford Advanced Learners' Dictionary).
4. To make learners familiar with the sub-skills of writing.
5. To train learners in the use of specific formats of the written discourse.
6. To introduce different social situations to learners for developing their conversational skills.

**COURSE OUTCOMES:**

1. Upon completion of the Functional English course, students will demonstrate proficiency in the practical application of English language skills in real-life situations, including effective communication in both spoken and written forms.
2. They will be able to comprehend and produce a variety of texts, including informational, persuasive, and instructional materials.
3. The students will develop critical thinking and problem-solving abilities through analysing and evaluating information presented in English, enabling them to engage confidently and effectively in academic, professional, and social contexts.

**UNIT 1:** Introduction to Functional English and Remedial Grammar - Introduction to Functional English, Introduction and different approaches to grammar, parts of speech, use and omission of Articles, transformation of sentences, Synthesis of sentences, Narration and voice.

**UNIT 2: Introduction to Phonetics- Introduction to**  
**speech sounds, Description of vowels and**  
**consonants, word accent and symbols.**

### **UNIT 3: Writing skills-**

Academic Writing / Technical Writing / Content Writing, Story writing based on a given outline, Social Media (emails, blogs etc).

### **UNIT 4: Conversational Skills-**

Introduction to communication, communication and society, need for communication, communication and language, defining communication, types of communication, interpersonal communication, group communication, mass communication, organisational communication, barriers to communication.

#### **Suggested Readings:**

- Leech, G. & J. Svartvik (2002) A Communicative Grammar of English. Pearson, India
- Wren, P. C. & H. Martin (2000) High School English Grammar and Composition, S. Chand & Co, New Delhi.
- Balasubramanian, T. (2013) A Textbook of English Phonetics for Indian Students, 2nd Ed. Macmillan, New Delhi.
- Sethi, J. and P. V. Dhamija (2007) A Course in Phonetics and Spoken English, 2nd Ed., Prentice Hall, New Delhi.
- Oxford Advanced Learner's Dictionary, 8th Ed., Oxford, 2010.
- Jones, Daniel: English Pronouncing Dictionary
- Raman, M. & S. Sharma (2011) Communication Skills, OUP, New Delhi, India.
- Lata, P. & S. Kumar (2011) Communication Skills, OUP, New Delhi, India.

## TAILORING & EMBROIDERY

### Syllabus - 2017 -2018

1. Sewing Machine.
2. Standard measurement table children in inches.
3. Standard measurement table for ladies in inches.
4. Standard measurement table for teenagers in inches.
5. Child bodice block.
6. Half plain sleeve.
7. Puff sleeve.
8. Adult bodice block.
9. Half circular skirt.
10. Ruffle sleeve.
11. Cap sleeve.
12. A line frock.
13. One-piece peterpan collar.
14. Two piece peterpan collar.
15. Straight skirt.
16. A line skirt.
17. Six Gored.
18. Four Gored.
19. Straight suit.
20. Belted Salwar.

21. Churidar Salwar.
22. Bib.
23. Pillow cover.
24. Kitchen Apron.
25. 4 darted blouse.
26. Sari.
27. Stand collar.
28. Shirt.
29. Different type of neck line.
30. Different type of stitches.
31. Embroidery.

- |               |                    |
|---------------|--------------------|
| a. Running.   | i. Satin           |
| b. Back.      | j. Shef filling    |
| c. Stem.      | k. Rose            |
| d. Chain.     | l. open chain      |
| e. Blanket.   | m. Hearing bone    |
| f. Lazy Dazy. | n. Jackon couching |
| g. Fly.       | o. Cross           |
| h. Feather.   |                    |

#### File Submission

1. Drafting File.
2. Clothing File.
3. \*\*\*\*\*.



# FASHION DESIGNING SYLLABUS

Communication Skills	
<b><u>1st Semester</u></b>	<b><u>2nd Semester</u></b>
<ol style="list-style-type: none"> <li>1. Meaning and process of communication as a skilled behaviour.</li> <li>2. Effective Communication.</li> <li>3. Listening Skills.</li> <li>4. Speaking Skills.</li> </ol>	<ol style="list-style-type: none"> <li>5. Reading skills.</li> <li>6. Leadership Communication.</li> <li>7. Team Communication.</li> <li>8. Evaluating Communication skills.</li> </ol>
Life Skills	
<b><u>1st Semester</u></b>	<b><u>2nd Semester</u></b>
<ol style="list-style-type: none"> <li>1. Self awareness and creating self - Images.</li> <li>2. Good manners.</li> <li>3. Empathy</li> <li>4. Effective communication.</li> <li>5. Decision making</li> </ol>	<ol style="list-style-type: none"> <li>6. Problem Solving.</li> <li>7. Creative thinking.</li> <li>8. Work Ethics.</li> <li>9. Coping with stress and Time management.</li> <li>10. Coping with Emotions.</li> </ol>
Basic Design	
<b><u>1st Semester</u></b>	<b><u>2nd Semester</u></b>
<ol style="list-style-type: none"> <li>1. Introduction of Fashion.</li> <li>2. Type of Lines.</li> <li>3. Lines.</li> <li>4. Composition of different type of lines.</li> <li>5. Primary colour.</li> <li>6. Secondary colour.</li> <li>7. Tertiary colour.</li> <li>8. Achromatic colour.</li> <li>9. Warm and cool colour.</li> <li>10. Single fold pattern for Yoke.</li> <li>11. Colour wheel.</li> <li>12. Rainbow colour.</li> <li>13. Measurement of colour.</li> <li>14. Fourth group of colour or consequent colour.</li> </ol>	<ol style="list-style-type: none"> <li>15. Nursery Print.</li> <li>16. Nursery Print VIBGYOR colour.</li> <li>17. Pastel colour.</li> <li>18. 2B, 4B, 6B shading.</li> <li>19. Texture.</li> <li>20. Fugitive colour.</li> <li>21. Monochromatic colour.</li> <li>22. Complementary colour.</li> <li>23. Tint colour.</li> <li>24. Optional illusion colour by lines.</li> <li>25. Tone.</li> <li>26. Modification of colour.</li> <li>27. Shape.</li> <li>28. Free hand printing on fabric.</li> </ol>
Design Idea	
<b><u>1st Semester</u></b>	<b><u>2nd Semester</u></b>
<ol style="list-style-type: none"> <li>1. Design.               <ol style="list-style-type: none"> <li>a. Element of Design.</li> <li>b. Principals of Design.</li> </ol> </li> <li>2. Apron.</li> <li>3. Casual Frock.</li> <li>4. Kids wear.</li> <li>5. Casual Suit.</li> <li>6. Co - ordinate dress.</li> <li>7. Fashion Terminology.</li> <li>8. Indian designer name.</li> <li>9. Folders</li> <li>10. Gathers.</li> <li>11. Drapes.</li> <li>12. Style.</li> </ol>	<ol style="list-style-type: none"> <li>1. Formal Suit.</li> <li>2. Blouse designing.</li> <li>3. Ethnic wear.</li> <li>4. Brand names.</li> <li>5. International designer name.</li> <li>6. Night wear.</li> <li>7. Designer work sheet.</li> <li>8. Fashion Terminology.</li> <li>9. Motives for consumer buying.</li> <li>10. Women's wear clothing categories.</li> </ol>

# **BEAUTICIAN COURSE**

## **Syllabus of Six Month Course**

### **July**

1. Threading
2. Cleansing and Toning Practice
3. Skin Treatment thermos peeling skin pack

### **August**

1. Basic hair cuts
2. Hair Spa
3. Treatment of hair fall and Dandruff

### **September**

1. Hair colouring hair oil massage
2. Hair style
3. Bridal hair style
4. Straightning

### **October**

1. Blow drying and heat style
2. Creativity haircuts and colouring
3. Massage Manipulation

### **November**

1. Party make-up
2. Bridal Make-up
3. Bridal dress-up (Saree draping)

### **December**

1. Grooming hygiene and safety Mehendi (Indian Style)

## Certificate course in Yoga and Aerobics

### यूनिट1

#### सैद्धांतिक

1. योग कथ परिचय
2. योग कथ इतिहास एवं विभिन्न
3. योग की परिभाषा
4. योग कथ अर्थ
5. योग के प्रकार
6. योग की आवश्यकता
7. योग का महत्व एवं विशेषताएं
8. अष्टांग योग

9. योग के सामाजिक, वैज्ञानिक उद्दिष्टों में योग की भूमिका

### यूनिट2

1. योग के सिद्धांत
2. स्वस्थ
3. योग के द्वारा स्वस्थ लाभ
4. योग कथ अर्थ एवं परिभाषा
5. योग कथ अर्थ
6. योग की परिभाषा
7. योग प्रबंधों में योग की भूमिका
8. योग प्रबंधों के लिए योगिक अभ्यास
9. योग शैली

### यूनिट 3

#### प्रयोगात्मक

1. सूत्र विवरण

1. प्रधणधयधम
2. आसि

## यूनिट 4

- 1 षट्कमथ
- 2 िेति
- 3 धौति
- 4 वस्ति
- 5 त्रधटक
- 6 कपधलभधनि
- 7 िौली

## यूनिट5

- णिबबक्स