



# GURU GOBIND SINGH COLLEGE FOR WOMEN

SECTOR 26, CHANDIGARH - 160019

(Affiliated to Panjab University Chandigarh)

(Re-accredited by National Assessment & Accreditation Council, Bangalore)



## Session 2020-2021

Sr No	Value Added Course
1	HEALTH AND WELLNESS
2	INTERNET OF THINGS
3	SCIENCE OF HAPPINESS
4	CANVAS PAINTING
5	GST
6	PREPARATION AND E-FILING OF INCOME TAX RETURN



## **AGENDA**

1. To design and adopt the syllabi and model question papers (theory- 60 marks and practical- 40 marks)
2. To decide suitable dates and time slots for the course

## **AIM OF THE COURSE:**

The course aims at creating consciousness among students regarding health, diet and physical fitness, in order to develop and maintain a healthy lifestyle.

## **OBJECTIVES OF THE COURSE:**

1. To introduce the fundamental concepts of health fitness and nutrition.
2. To provide a general understanding of nutrition, fitness and stress management.
3. To familiarize students with basic physical fitness and yoga postures.
4. To create awareness and equip students with the basic understanding and knowledge to deal with stress for a healthy lifestyle.

## **COURSE OUTCOMES:**

1. Student will gain an understanding of relation between health, fitness and nutrition.
2. Student will be able to create basic diet plans by using exchange lists.
3. Student will be able to attempt yoga asanas and meditation for stressmanagement.

## COURSE CURRICULUM

THEORY: 60 Marks

### SECTION 1: Health Fundamentals

1. Concept of holistic health- physical, mental, emotional, spiritual aspects
2. Lifestyle disorders and health indicators
3. Importance of physical fitness

### SECTION 2: Food and Nutrition

1. Balanced diet- nutrients, their functions and their sources
2. Principles of meal planning
3. Food exchange lists and enrichment
4. Dietary issues for women, nutrition myths

### SECTION 3: Diet plans

1. Factors affecting diet plans, fad diets
2. Methods of cooking: use of dry heat, moist heat, fat
3. Diets for weight loss (obesity), muscle gain, diabetes, hypertension, atherosclerosis, osteoporosis
4. Nutritional balance

### SECTION 4: Wellness and Exercise

1. Mental, emotional, spiritual and physical dimension of health
2. Physical fitness- aims, objectives, assessment and components
3. Yoga and meditation- basic asanas and their benefit
4. Lifestyle disorders and stress management

PRACTICAL: 40 Marks

1. Creating diet plans according to age, nutritional status and requirements
2. Reading and understanding food labels
3. Administering physical fitness tests and assessment of health status (WHR, BMI, BMR)
4. Yoga- asanas and their effect.

  
**GURU GOBIND SINGH COLLEGE FOR WOMEN**  
SECTOR-26, CHANDIGARH

**DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

offers

**VALUE ADDED CERTIFICATE COURSE**  
**IN**  
**INTERNET OF THINGS**

Last date to register  
September 10, 2020  
Course starts on  
September 14, 2020

*CERTIFICATE WILL BE AWARDED ON  
COMPLETION OF THE COURSE*

 **ONLINE  
MODE**

**REGISTRATION FREE!**  
[www.ggscw.ac.in](http://www.ggscw.ac.in)

**CONVENER**  
**Mrs. Maninder Kaur**  
Head, Deptt of Computer  
Science and Applications

## Introduction

The Internet of Things (IoT) has become the talk of the town. It connects every object ( door locks, bulbs & tube-lights, air conditioners, geysers, fridge, washing machines, microwaves etc.) in some or the other way to the internet and allows devices to be controlled remotely through mobile phones or computers, creating opportunities to directly connect & integrate the physical world to the computer-based systems using sensors. The interconnection of these multiple embedded devices will be resulting in automation in nearly all fields and will also enable advanced applications. The proposed value added course exposes the BCA, B.Sc. (Computer Sc.) and B.A. (Computer Sc.) students to IoT. The core modules of this value added course include introduction to IoT, Elements of IoT, Data Analysis and IoT platforms. This course aims to teach IoT concepts and to practice the same with DIY kits. This course will provide the students with better career opportunities in the IT industry.

## Objectives of the Course:

1. To understand what the Internet of Things is.
2. To identify the various elements of an IoT System.
3. To understand the various means of communication from Node/ Gateway to Cloud Platforms.
4. To understand Cloud Computing & its relevance in IoT
5. To identify types of data analytics and data visualization tools
6. To make students aware of security concerns and challenges while implementing IoT solutions.

# Course Curriculum

## Unit I

Introduction to IoT, Evolution of IoT, IoT related terms, Business Scope

## Unit II

Elements of IoT: Introduction to Elements of IoT, Basic Architecture of an IoT, Application Sensors & Actuators, Edge Networking (WSN), Gateways, IoT Communication Model, WPAN & LPWA

## Unit III

Communication and Connectivity Technologies: Cloud Computing in IoT, IoT Communication Model, Cloud Connectivity

## Unit IV

Data Analytics and IoT Platforms: Big Data Analytics, Data Visualization, IoT Platforms

## Unit V

Concerns and Future Trends: Different Players of IoT, Security Concerns and Challenges, Future Trends, Standards


## Unit VI

Hands-On Projects: DIY kits, IFTTT and other apps

- References:**
1. “Getting started with Internet of Things” by Cuno Pfister
  2. Big Data Analytics in Future Power Systems by Ahmed F. Zobaa, Trevor J. Bihl
  3. Internet of Things Digitize or Die: Transform your organization. Embrace the digital evolution. Rise above the competition by Nicolas Windpassinger (about business)
  4. Mobile Ad-hoc and Sensor Networks by Liehuang Zhu, Sheng Zhong
  5. Big Data Analytics for Internet of Things by Tausifa Jan Saleem (Editor), Mohammad Ahsan Chishti (Editor)
  6. The Cloud in IoT-enabled Spaces by Fadi Al-Turjman
  7. 5G and Beyond: The future of IoT by Parag Chatterjee, Robin Singh Bhadoria and Yadunath Pathak
  8. Cases on Edge Computing and Analytics by Paranthaman Ambika (Impact Analysis, India), A. Cecil Donald (Kristu Jayanti College, India) and A. Dalvin Vinoth Kumar (Kristu Jayanti College, India)

### Marking Scheme:

Sr. No.	Section Name	Marks
1	Section A (With 50% choice)	20
2	Section B (With 50% choice)	20
3	Section C (With 50% choice)	20
4	Section D (With 50% choice)	20
5	Section E (Compulsory Section)	20

  
**GURU GOBIND SINGH COLLEGE FOR WOMEN**  
**SECTOR-26, CHANDIGARH**  
**DEPARTMENT OF PSYCHOLOGY**  
**OFFERS**  
**VALUE ADDED**  
**CERTIFICATE COURSE IN :**  
**The Science of Happiness**  
**DURATION**  
**30 DAYS**  
**(ONE HOUR PER DAY)**  
**COURSE STARTS ON : OCTOBER 3, 2020**  
**LAST DATE FOR REGISTRATION : 30/09/2020**  
*Certificate will be awarded on completion of the course*  
**COURSE COORDINATOR**  
**DR. SAVNEET**  
**PRINCIPAL**  
**DR. JATINDER KAUR**

## Syllabus

### Unit- I

Defining happiness

Understanding the construct of happiness:

Factors influencing happiness:

Key ingredients of happiness

### Unit-II

Train yourself in Happiness:

Two short modules on Mindfulness These sessions would take us through the science as well as the art of mindfulness through online practice sessions and training aids. Happiness in the social context

### Unit-III

Becoming happier: State & trait of happiness This week would focus on sustaining and enhancing what has been learnt so far through both theoretical as well as training inputs.

### Unit-IV

Creating happiness: Making a difference for others Happiness needs to spread. These units would focus on networking and sustaining what has been learnt by

sharing with others.

Post-test assessments would also be used to tests changes that have been brought about during the 12 weeks of the course.

### Objectives of the course

- How to increase your own happiness and foster happiness in others.
- Why social connections, kindness, and community are key to happiness.
- Which mental habits are most conducive to happiness and how mindfulness is.

### Outcomes of the course

- Learn science-based principles and practices for a happy, meaningful life.
- What happiness really means and why it matters to you.
- Explore the practical “habits of happy people” through new discoveries in the social and natural sciences.



**GURU GOBIND SINGH COLLEGE FOR WOMEN**  
**SECTOR-26, CHANDIGARH**

Department of Fine Arts  
offers  
Value Added Course  
in  
**FABRIC PAINTING**  
(Online Mode)



Last Date to register 07<sup>th</sup> September 2020  
Course Starts on 15<sup>th</sup> September 2020  
Certificate will be awarded on completion of the course

Dr. Anju Bala  
(Coordinator)

Dr. Jitender Kaur  
(Principal)

To  
The Principal  
Guru Gobind Singh College for Women  
Sector 26, Chandigarh

Approved  
Jatinder Kaur

**Sub: Requisition for Approval to conduct the Value Added Course for the Academic Session 2020-21.**

Respected Madam,

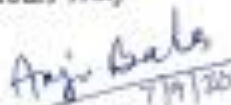
I wish to inform you that Department of Fine Arts is planning to conduct a Value Added Course in "Fabric Painting" from 15.09.2020 onwards. The course aims at creating consciousness among students regarding use of fabric and acrylic paints on different bases/stuff for painting.

Classes will be happening during the academic hours. At the end of the course students will be offered certificates by the college.

Hence, I kindly request you to approve the conduct of the course. Herewith attached the details of the course offered by the department for your perusal.

Thanking you

Yours Truly

  
7/9/20  
Dr. Anju Bala  
Assistant Professor  
(Department of Fine Arts)



## AGENDA

1. To design and adopt the syllabi and model question papers (theory- 50 marks and practical- 50 marks)
2. To decide suitable dates and time slots for the course

## AIM OF THE COURSE:

The course aims at creating consciousness among students regarding use of fabric and acrylic paints on different bases/ stuff for painting.

## OBJECTIVES OF THE COURSE:

1. To introduce the fundamental concepts of fabric paint.
2. To provide a general understanding of fabric and acrylic paints.
3. To familiarize students with basic use of fabric and acrylic paintings on different fabrics.
4. To provide the best aesthetic sensibility to the students through Form, Colour, surface and the design fundamentals
5. To create the basic understanding and knowledge of the easiest methods to deal with different fabrics and stuffs.
6. To do Simple exercises of basic design in variation of geometric and rhythmic shapes in geometrical and decorative designs and colours to understand designs as organised visual arrangements
7. To execute Imaginative paintings and designs based on free hand/ stencils motifs with colour values on different fabrics.
8. Practical understanding of mixing color, handling paint and artist materials.
9. To study the Color contrasts (Hue, Light / Dark, Cold. Warm, Complementary Contrast, Simultaneous Contrast, Saturation, Extension).
10. To study Subtractive and additive colours.
11. To create colour compositions using different colour schemes like; Color Harmony / colour balance complementary, warm, cool etc.

**GURU GOBIND SINGH COLLEGE FOR WOMEN  
SECTOR-26, CHANDIAGRH**



**VALUE ADDED  
CERTIFICATE COURSE  
IN  
GOODS & SERVICE TAX**



**POST GRADUATE DEPARTMENT OF COMMERCE**  
offers  
**VALUE ADDED CERTIFICATE COURSE  
IN  
GOODS & SERVICE TAX  
IN ONLINE MODE  
starting on 1st November, 2020**

**ELIGIBILITY:**

- Students of B.Com. - 3rd & 5th sem and M.Com. - 1st & 3rd Sem are eligible for the course
- 75% attendance is compulsory

Last date to apply: 15th October, 2020  
Certificate will be awarded on completion of the course

**Dr. Savneet Kaur**  
Course Coordinator

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### **Objective of the Activity:**

- o To make the students GST ready for the future.
- o To enable the students, understand various new compliance requirements under new GST regime.
- o To impart in-depth understanding of GST provisions.
- o To impart practical training exposure for GST registration, certificate and similar issues.

### **Outcome of the Activity**

- o Students will be equipped with practical knowledge about Registration Process, Return Filing and claiming Input Tax Credit.
- o The course will give an edge to the students to become tax consultants for tax planning, tax management and return filing.
- o Students will be able to comprehend the principles of taxation
- o Students will become aware about the role, responsibilities and eligibility for become a GST Officer.

**GURU GOBIND SINGH COLLEGE FOR WOMEN**

**SECTOR 26**

**CHANDIGARH**

**1st October, 2020**

**NOTICE**

This is for the information of students that Post Graduate Department of Commerce is organising a Value-Added Certificate course in "preparation & E-Filing of Income Tax Return" for the students of class B.Com-II and above. The course will commence from 1st November, 2020 through online mode and duration for the same will be thirty hours. Interested students may register their names by 15th October, 2020. Queries may be directed to the undersigned.

Dr. Amneet Kaur

Post Graduate Department of Commerce

9780025967

**VALUE ADDED CERTIFICATION COURSE IN PREPARATION AND E-FILING of INCOME TAX RETURN**

**Session 2020-21**

Total Hours: 34  
Semester: Even

Credits: 2

**This course in direct tax aims at enables you to have deep insights into the rules and regulations related to taxation in India. It also provides you with the basic understanding of taxation.**

**Objectives**

1. To bequeath the candidates with comprehensive knowledge of Direct tax.
2. To ensure that the candidates after their training, will be allow to practice in the fields of direct taxation.
3. To empowers students in gaining an overview of the Indian tax regime, fundamentals and taxation Calculation of income tax and its various brackets.

4. Course structure is thus designed with the aim of letting students gain the utmost knowledge of the field, and apply it in their career.

### Course Outcomes

1. Improved Tax Knowledge: Participants will gain a deep understanding of income tax laws and regulations, which will help them in preparing accurate tax returns and minimizing tax liabilities.

2. Efficient Tax Return Preparation: The course will teach participants how to efficiently gather and organize financial information, calculate taxes owed or refunds due, and complete the necessary forms for filing income tax returns.

3. E-Filing Proficiency: E-filing is becoming increasingly common, and this course will equip participants with the skills to submit tax returns electronically, which is often faster and more convenient than paper filing.

### Eligibility

- Students of B.com 5<sup>th</sup> & 6<sup>th</sup> semester are eligible to opt for the course
- 75% attendance is compulsory.

### Mode of Assessment and Weightage

Attendance	10
Assignments	20
Practical	50
Practical knowledge	20

### Course content

Module-1	Definitions under the Income Tax act, 1961 <ul style="list-style-type: none"><li>• Introduction to Income Tax</li><li>• Residential Status of an assessee</li></ul>	4 Hours
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Module-2	Exempted Income u/s. 10 and permissible deduction from Gross Total Income (applicable to individuals, HUF, Firms AOP)	4 Hours
Module-3	<p>Heads of income &amp; exemptions and deductions</p> <ul style="list-style-type: none"> <li>• Income from salary</li> <li>• Income from house property</li> <li>• Income from business and profession</li> <li>• Capital gains</li> <li>• Income from other sources</li> </ul>	6 Hours
Module-4	<p>Aggregation of Income</p> <ul style="list-style-type: none"> <li>• Set off and carry forward of losses</li> <li>• Deemed Incomes and Clubbing of Incomes</li> <li>• Deductions out of Gross Total Income</li> <li>• Schedule of Tax liability</li> <li>• Rebates and Relief</li> </ul>	4 Hours
Module-5	<p>Assessment procedure and provisions relating to payment of advance tax under Income Tax Act.</p> <ul style="list-style-type: none"> <li>• Computation of Income and Determination of Tax Liability (individual, HUF, Firm)</li> </ul>	6 Hours
Module-6	<ul style="list-style-type: none"> <li>• <b>Litigation Management (Assessment / Appeal / Offences)</b></li> <li>• Income tax authorities</li> <li>• Deduction and Collection of tax</li> <li>• Validity of Scrutiny Notice</li> <li>• Information Collect, Documents Collect- What to Send and What Not?</li> <li>• Reply to Questions Under Income Tax Law, Assessment Order (Tax, Interest, Penalty)</li> <li>• Commissioner Appeal Filing (<i>How to File the Appeal before Commissioner's Appeal, Appeal</i>)</li> </ul>	4 Hours

	<p><i>Process, Documents to Submit, How to Handle Litigation before Commissioner's Appeal, Rules and Regulations of Appeal- Process, Documents)</i></p> <ul style="list-style-type: none"> <li>Income Tax Appellate Tribunal (<i>How to File the Appeal before Income Tax Appellate Tribunal, Appeal Process, Documents to Submit, How to Handle Litigation before Income Tax Appellate Tribunal, Rules and Regulations of Appeal- Process, Documents)</i>)</li> </ul>	
Module-7	<p>Procedure for assessment, e-Filing of returns</p> <ul style="list-style-type: none"> <li>Permanent Account No</li> <li>Filing and submission of TDS form</li> <li>Computation and Payment of TDS, Generating TDS Challans and Filing of TDS Returns.</li> <li>E TDS Return filing Practical Training</li> <li>E TDS software Income Tax return filing techniques</li> <li>Computerized generation of forms(49A,12BA,16,ITNS 280,ITR1,ITR2, 143(1))</li> </ul>	6 Hours
		34 Hours

### **Reference Study Material**

Taxmann's Direct Taxes Law and Practice

Students Guide To Income Tax by Dr Monica Singhania

**Course co-ordinator : Dr Amneet Kaur**