

# BUSINESS ANALYST CERTIFICATION PROGRAM

## SYLLABUS

DEPARTMENT: DEPARTMENT OF ECONOMICS

NAME OF COURSE: BUSINESS ANALYST CERTIFICATION PROGRAM (BACP)

COURSE CODE: CPCC01

TOTAL HOURS: 30

### UNIT-I (BUSINESS ANALYST ROLES & RESPONSIBILITIES)

- i) Requirement gathering.
- ii) Prototype requirement gathering
- iii) Functional requirement gathering.
- iv) Non-functional requirement gathering.
- v) SDLC
- vi) AGILE / SCRUM
- vii) User stories

### UNIT- II (BUSINESS STRATEGY MANAGEMENT)

- i) Unified Modeling Language (UML)
- ii) Business Documentation BRD, SRS FRD RTM
- iii) Business Analysis Tools & Techniques
- iv) JAD Sessions
- v) Business Writing

### UNIT -III (BUILDING AN EFFECTIVE BUSINESS CASE)

- i) Business Manual.
- ii) Analytical Techniques.
- iii) Strategic Planning.
- iv) Critical Thinking.

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### UNIT -IV

- i) Negotiation of Application features
- ii) Projects & Internship certificate.

#### **Project 1**

User end (FUNCTIONAL) requirement gathering for:-

1. Payroll software
2. School management system
3. eCommerce software – online shopping
4. Inventory management ERP
5. Billing
6. Hospitality
7. Insurance

#### **Project 2**

Admin end and system end (NON FUNCTIONAL) requirement gathering for:-

1. Payroll software
2. School management system
3. eCommerce software – online shopping
4. Inventory management ERP
5. Billing
6. Hospitality
7. Insurance

#### **Project 3**

Business flow or activity diagram for:-

1. Payroll software
2. School management system

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3. eCommerce software – online shopping
4. Inventory management ERP
5. Billing
6. Hospitality
7. Insurance

### **Project 4**

User stories for:-

1. Payroll software
2. School management system
3. eCommerce software – online shopping
4. Inventory management ERP
5. Billing
6. Hospitality
7. Insurance

### **Project 5**

Sequence diagram and Use case diagram for

1. Payroll software
2. School management system
3. eCommerce software – online shopping
4. Inventory management ERP
5. Billing
6. Hospitality
7. Insurance

Other services:

Professional resume building, Resume Marketing

Interview guidelines, and mock sessions

GD skills