



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce and Science College, Parner

Tal. Parner, Dist. Ahmednagar - 414 302 (Maharashtra)



4th Cycle

Assesment and Accreditation

Criterion-1

Cirricular Aspects

KI : 1.3 Curriculum Enrichment

QnM - 1.3.2

Percentage of students undertaking project work/field work/Internships



NAAC 'A' Grade

Best College Award
by SPPU, Pune

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce & Science College

• Parner, Dist.- A.nagar, Maharashtra Pin - 414302 • Office (02488) 221537/35

Affiliated ID. No. PU/AN/ASC/019/1977 College Code No. 121

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M.Sc., Ph.D., F.H.A.S., F.I.S.S.T.

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Ref. No. NAC&S

Date : 24/ 11 /2022

DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data, etc. submitted/presented in this file is verified by Internal Quality Assurance Cell (IQAC) and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for 4th Cycle period 2017-18 to 2021-22.

Date: 24/11/2022

Place: **Parner**


Prof. (Dr.) D. R. Thube

IQAC Coordinator

IQAC COORDINATOR
New Art's, Commerce & Science College
Parner, Dist. Ahmednagar




Dr. R. K. Aher

IQAC Chairman and Principal

PRINCIPAL
New Arts, Commerce & Science College
Parner, Tal. Parner, Dist. Ahmednagar

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1. B. Com

a. Course Structure

Savitribai Phule Pune University, Pune
Revised Syllabus (CBCS 2019 Pattern) Under Restructuring Course at
Undergraduate Level
Class : T.Y.B.Com Semester- V and Semester- VI

Semester – V

Sr. No.	Course Code	Course Title	Total Marks	Total Credits
1.	355 (A) Res	Applied Statistics (APST) -III	100	04
2.	356(A) Res	Project Methodology	100	04
3.	355(B) Res	Banking and Finance (BKFN)- III	100	04
4.	356(B) Res	Project Methodology	100	04
5.	355(C) Res	Computer Applications and Systems Management(CASM)-III	100	04
6.	356(C) Res	Project Methodology	100	04
7.	355(D) Res	Cost and Works Accounting-III	100	04
8.	356(D) Res	Project Methodology	100	04
9.	355(E) Res	Entrepreneurship Development(ENTD)-III	100	04
10.	356(E) Res	Project Methodology	100	04
11.	355(F) Res	Industrial Organization & Administration (Marketing Management)- III	100	04
12.	356(F) Res	Project Methodology	100	04
13.	355(G) Res	Rural Development III (Old Name Integrated Rural development)	100	04
14.	356(G) Res	Project Methodology	100	04
15.	355(H) Res	Public Relations (PUBR) – III	100	04
16.	356(H) Res	Project Methodology	100	04

Semester – VI

Sr. No.	Course Code	Course Title	Total Marks	Total Credits
1.	365 (A) Res	Applied Statistics (APST) –IV	100	04
2.	366(A) Res	Project Work	100	04
3.	365(B) Res	Banking and Finance (BKFN)- IV	100	04
4.	366(B) Res	Project Work	100	04
5.	365(C) Res	Computer Applications and Systems Management(CASM)-IV	100	04
6.	366(C) Res	Project Work	100	04
7.	365(D) Res	Cost and Works Accounting-IV	100	04
8.	366(D) Res	Project Work	100	04
9.	365(E) Res	Entrepreneurship Development(ENTD)-IV	100	04
10.	366(E) Res	Project Work	100	04
11.	365(F) Res	Industrial Organization & Administration (Marketing Management)- IV	100	04
12.	366(F) Res	Project Work	100	04
13.	365(G) Res	Rural Development IV (Old Name Integrated Rural development)	100	04
14.	366(G) Res	Project Work	100	04
15.	365(H) Res	Public Relations (PUBR) – IV	100	04
16.	366(H) Res	Project Work	100	04

b. Course Syllabus

Savitribai Phule Pune University, Pune
Revised Syllabus (CBCS 2019 Pattern) Under Restructuring Course at
Undergraduate Level

Class : TYB.Com (C' Component Subject) Semester : V

Subject : Banking and Finance – III

Course Code : 355 (B)

No. of Credits : 04

Program Objectives:

- 1) To understand the functions and working of RBI.
- 2) To overview the monetary policy and credit control.
- 3) To learn the customer relationship management practiced in banking institutions.
- 4) To study the new trends in banking in India and the world.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Role and Functions of RBI as the Central Bank.	<ol style="list-style-type: none"> 1. A Brief Study of RBI Act 1934, RBI as the Central Bank and Regulator of Banks. 2. RBI's Control over Organization of Banks, Management of Clearing House. 3. RBI Directives, and Implications of Directives. 4. Weekly Abstracts of Commercial Banks, Purpose, Items, Credit Deposit Ratio, Loan Against Credit Deposit Ratio 	<ol style="list-style-type: none"> i)The students will understand the RBI Act. 1934 and their provisions related to banking operations in India. ii)It helps students to know the legal framework of RBI and their provisions.
2	RBI Monetary policy and Credit Control	<ol style="list-style-type: none"> 1. Monetary policy-need, objectives and various instruments of monetary policy. 2. Credit Control- Quantitative credit control Bank rate, Open market operations, Cash reserve ratio. S.L.R.'s indirect contribution to State treasury and Approved Securities for investments. 	<ol style="list-style-type: none"> i)The students will understand the scope and importance of monetary policy in controlling credit creation and inflation in India. ii) Students can find out the relation between instruments and its effect. iii)It helps the students to know the working of monetary policy and importance in

		3. Selective Credit Control- Meaning and importance of selective credit control, Selective Credit control measures.	response to credit creation and credit control.
3	Bankers Customer Relationship	<ol style="list-style-type: none"> 1. General Relationship: Debtor-creditor, creditor-debtor, Principal Agent, trustee-beneficiary, bailor and bailee, lessor-lessee, pledgor-pledgee, mortgagor-mortgagee. 2. Special Relationship: Statutory obligation to honor cheque, Bankers duty to maintain the secrecy of the customers account, bankers lien, right to claim incidental charges. 3. Provisions of Negotiable Instrument Act, Provisions related to Holder, Holder in Due Course, Holder for Value Provisions related to Stop Payment, 4. Concept, Meaning, Classification of Assets, NPA, Recovery Mechanism. 	<ol style="list-style-type: none"> i)The students have to learn the various types of banker-customer relationship depending on the activities, products or services provided by the bank. ii)It helps the students to understand how trust can play an important role in building a healthy relationship between a banker and customer. iii) Students will understand importance of Negotiable Instrument Act iv)Students can find out the financial health of the bank.
4	Modern Concepts in Banking & Finance	<ol style="list-style-type: none"> 1. Payment through various Apps- Comparison of different digital payment Apps. 2. Brief Study of Mutual Funds-Objectives, Functions and Workings. 3. A study of various loan and subsidy schemes for new start up business, MSME loan schemes. 	<ol style="list-style-type: none"> i)The students will understand the Modern ways of payments and the different payment Apps and their use in day to day life. . ii)Students will have knowledge of Mutual funds and its working. iii)This knowledge will help the students to secure loan under MSME schemes.

Savitribai Phule Pune University, Pune
Revised Syllabus (CBCS 2019 Pattern) Under Restructuring Course at
Undergraduate Level

Class : TYB.Com (C' Component Subject) Semester : VI

Subject : Banking and Finance – IV

Course Code : 365 (B)

No. of Credits : 04

Program Objectives:

1. To study the structure of agricultural finance in India.
2. To study the various schemes of agricultural finance.
3. To learn legal aspects of land revenue records.
4. To understand the loan sanctioning and disbursement procedure of Agricultural projects.

Unit No.	Unit Title	Contents	Purpose & Skills to be develop
1	Structure of Agricultural Finance in India.	<ol style="list-style-type: none"> 1. Importance of finance in the agricultural sector, Structure of agricultural finance. 2. Agricultural Credit - Three Tier Structure, State cooperative bank, District Cooperative bank, Primary credit cooperative societies, Farmers Service Societies Land Development Bank,, RRBs, NABARD. 3. Commercial Banks- Need, Performance and problems in Agricultural Credit. 	<ol style="list-style-type: none"> 1. The students will get the knowledge of agriculture in Indian economy. 2. The students will understand the role and importance of cooperative banking. 3. The students can get the knowledge of different schemes about EBC and SBC loans.
2	Classification and types of Agricultural credit.	<ol style="list-style-type: none"> 1. Agricultural Credit -Crops Loans, Cost of Cultivations, Scale of Finance, Preparation of Normal Credit, Kisan credit card scheme, 2. Agricultural Term Loans – Building and Leveling, Dug Wells, Tube Wells, Electric Motors, Pipelines and Tractors. 3. Guarantee Cover of Deposit Insurance and Credit Guarantee Corporation as applicable to the Agricultural Sector. 	<ol style="list-style-type: none"> 1. The students will get knowledge about various loan schemes available for agricultural productive purposes.

			2. The students will get knowledge about different loan schemes available for land development.
3	Financing to Agriculture allied activities.	1. Financing to Agriculture Allied Activities- Dairy, Poultry. 2. Financing Goat and sheep farming, Piggery and Duckery. 3. Grape Projects and Wineries, Floricultures, Horticulture, Warmiculture, Apiculture.	1. The students will get knowledge about different loan schemes available for agriculture allied activities. 2. Students will get the knowledge about various agri based projects.
4	Legal Aspects of Banking	1. Requirements of documents for agricultural loan proposals. 2. Revenue Records, 7/12, 8 – A, 6 – D, Extracts. 3. No Objections Certificates, No Dues Certificates and other documents. Equitable Mortgage	1. The students can read and understand land records and its use. 2. The students can find out whether any other rights exists on the same land by studying revenue records.

Teaching Methodology :

Unit Sr. No.	Teaching Hours Theory + Tutorials /Project Practical –as applicable	Innovative methods to be used	Tutorials /Project for 1 credit – (If Applicable)	Expected Outcome
Unit – I	14 Hours	1) PowerPoint Presentations 2) ICT 3) Practical use of tools.	1) Unit tests (Tutorials) 2) Assignment	Students will get the basic knowledge of agricultural finance, Finance agriculture allied activities and the skills to use the land records for the same.
Unit – II	12 Hours			
Unit – III	12 Hours			
Unit – IV	10 Hours			
Total No. of Lectures	48 Lectures			

2. B. Voc. RETM

a. Course Structure

Curriculum of Bachelor of Vocation (B. Voc.)

In

Renewable Energy Technology and Management

Designed by

Department of Skill Development



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

NEW ARTS, COMMERCE AND SCIENCE COLLEGE, PARNER

DIST. AHMEDNAGAR -414302

Course Code	Course Title	Credit
SEMESTER - I		
	Theory Component	
RET-1-1	Introduction to Renewable Energy Sources	4
RET-1-2	Basics Electronics	4
RET-1-3	Basic Mechanical Engineering	4
	Skill Component	
REP-1-4	Practical – I (Based on Theory)	6
REP-1-5	Practical – II (On Job Training)	12
SEMESTER - II		
	Theory Component	
RET-2-1	Sustainable Development and Energy	4
RET-2-2	Applications of Solar Energy	4
RET-2-3	Bio-Energy	4
	Skill Component	
REP-2-4	Practical – III (Based on Theory)	6
REP-2-5	Practical – IV (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit
SEMESTER - III		
	Theory Component	
RET-3-1	Soft Skills and Communications	4
RET-3-2	Rooftop and Wind Energy	4
RET-3-3	Solar Cell Technology & Its applications	4
	Skill Component	
REP-3-4	Practical – V (Based on Theory)	6
REP-3-5	Practical – VI (On Job Training)	12
SEMESTER – IV		
	Theory Component	
RET-4-1	Components of Photovoltaic Systems	4
RET-4-2	Solar Photovoltaic Systems: Design & Integration	4
RET-4-3	Solar Photovoltaic Systems: Installation & Maintenance	4
	Skill Component	
REP-4-4	Practical – VII (Based on Theory)	6
REP-4-5	Practical – VIII (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit
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SEMESTER – V			
	Theory Component		
RET-5-1	Roof Top & Grid Connected PV System		4
RET-5-2	Net Metering Concept & Government Policies		4
RET-5-3	Introduction to PV Software's		4
	Skill Component		
REP-5-4	Practical – IX (Based on Theory)		6
REP-5-5	Practical – X(On Job Training)		12
SEMESTER – VI			
	Theory Component		
RET-6-1	Operation and Maintenance		4
RET-6-2	Feasibility Report		4
RET-6-3	Entrepreneurship Skills		4
	Skill Component		
REP-6-4	Practical – XI (Based on Theory)		6
REP-6-5	Practical – XII (On Job Training)		12
		Total Credits	60
STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

b. Course Syllabus

Course Code: REP-5-5

(12 credit)

Course Title: Practical- X (On Job Training)

1. Rooftop solar grid Engineer SGJ/Q0106
2. Solar PV designer SGJ/ Q0110
3. Solar off-grid Entrepreneur
4. Certificate course in solar system designing AutoCAD .
5. Certificate Course in Solar Power Installation

3. B. Voc. RETM

a. Course Structure

Curriculum of Bachelor of Vocation (B. Voc.)

In

Renewable Energy Technology and Management

Designed by

Department of Skill Development



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

NEW ARTS, COMMERCE AND SCIENCE COLLEGE, PARNER

DIST. AHMEDNAGAR -414302

Course Code	Course Title	Credit
SEMESTER - I		
	Theory Component	
RET-1-1	Introduction to Renewable Energy Sources	4
RET-1-2	Basics Electronics	4
RET-1-3	Basic Mechanical Engineering	4
	Skill Component	
REP-1-4	Practical – I (Based on Theory)	6
REP-1-5	Practical – II (On Job Training)	12
SEMESTER - II		
	Theory Component	
RET-2-1	Sustainable Development and Energy	4
RET-2-2	Applications of Solar Energy	4
RET-2-3	Bio-Energy	4
	Skill Component	
REP-2-4	Practical – III (Based on Theory)	6
REP-2-5	Practical – IV (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit
SEMESTER - III		
	Theory Component	
RET-3-1	Soft Skills and Communications	4
RET-3-2	Rooftop and Wind Energy	4
RET-3-3	Solar Cell Technology & Its applications	4
	Skill Component	
REP-3-4	Practical – V (Based on Theory)	6
REP-3-5	Practical – VI (On Job Training)	12
SEMESTER – IV		
	Theory Component	
RET-4-1	Components of Photovoltaic Systems	4
RET-4-2	Solar Photovoltaic Systems: Design & Integration	4
RET-4-3	Solar Photovoltaic Systems: Installation & Maintenance	4
	Skill Component	
REP-4-4	Practical – VII (Based on Theory)	6
REP-4-5	Practical – VIII (On Job Training)	12
	Total Credits	60

Course Code	Course Title	Credit
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SEMESTER – V			
	Theory Component		
RET-5-1	Roof Top & Grid Connected PV System		4
RET-5-2	Net Metering Concept & Government Policies		4
RET-5-3	Introduction to PV Software's		4
	Skill Component		
REP-5-4	Practical – IX (Based on Theory)		6
REP-5-5	Practical – X(On Job Training)		12
SEMESTER – VI			
	Theory Component		
RET-6-1	Operation and Maintenance		4
RET-6-2	Feasibility Report		4
RET-6-3	Entrepreneurship Skills		4
	Skill Component		
REP-6-4	Practical – XI (Based on Theory)		6
REP-6-5	Practical – XII (On Job Training)		12
		Total Credits	60
STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

STRUCTURE FOR SEMESTER			
Title	Credits	Hrs	Marks
Total No. of Theory courses = 3	12 (4 Credits each)	180	300
Total No. of Skill based courses = 3	18 (6 Credits each)	270	450
	30	450	750

b. Course Syllabus

Course Code: REP-6-5

Course Title: Practical –X (On Job Training)

(12 credits)

Industrial Project: The Project work must be carried out in an industry/ R&D organization for a period of 8/10 weeks. Students should follow the SPPU and industry guidelines to earn credits in their industrial project work and report writing.

1. Solar proposal evaluation specialist SGJ/Q0105
2. Rooftop solar photovoltaic Entrepreneur SGJ/Q0104
3. Solar PV site surveyor SGJ/Q0108
4. Solar PV project manager (E and C) SGJ/ Q0114
5. Solar PV O&M Engineer (SGJ/Q0117)

4. M.Sc. Botany

a. Course Structure

M. Sc. [I]

Botany



Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Degree Program in Botany

(Faculty of Science & Technology)

Revised Syllabi for

M.Sc. (Botany) Part-I

(For Colleges Affiliated to Savitribai Phule Pune University)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020

Structure for M. Sc. Botany First Year:

Year	Semester	Course Type	Course code	Course Name	Credits
1	1	Core Compulsory Theory paper	BOUT 111	Botany Theory Paper 1-Plant Systematics I	4
			BOUT 112	Botany Theory Paper 2- Cell Biology and Evolution	4
			BOUT 113	Botany Theory Paper 3- Cytogenetics and Plant Breeding	4
		Choice Based optional paper	BODT 114	Botany Theory Paper 4- a) Biofertilizer and Algal Technology OR b) Pomoculture and Fruit Processing Technology	2
			BODP 114	Botany Practical Paper 4-based on BO 114	2
		Core Compulsory practical paper	BOUP 115	Botany Practical Paper based on BOUT 111, BOUT 112 and BOUT 113	4
1	2	Core Compulsory Theory paper	BOUT 121	Botany Theory Paper 1-Plant Systematics II	4
			BOUT 122	Botany Theory Paper 2- Molecular Biology	4
			BOUT 123	Botany Theory Paper 3- Biochemistry	4
		Choice Based optional paper	BODT 124	Botany Theory Paper 4- a. Floriculture and Nursery Management OR b. Mushroom Cultivation and Biopesticide Technology	2
			BODP 124	Botany Practical paper 4- based on BODP 124	2
		Core Compulsory practical paper	BOUP 125	Botany Practical paper based on BOUT 121, BOUT 122 and BOUT 123	4

b. Course Syllabus

M. Sc. [I]

Botany

BODP 114: Botany practical 4 based on BODT 114 Pomoculture and Fruit Processing Technology

1. Study of Growth and Fruiting habit in any one locally cultivated fruit crop. 1P
2. Study of methods of Pruning and Training of fruit plants. 1P
3. Study of effect of Growth regulators in fruit ripening in Banana/Grapes/Mango. 1P
4. Study of methods of Propagation of fruit trees. 1P
5. Study Maturity indices and estimation of Maturity in locally grown Fruit plant. 1P
6. Study of Methods of Harvesting. 1P
7. Preparation of Jam, Jelly & Marmalade from Locally available fruits. 1P
8. Preparation of Squash, Candy. 1P
9. Demonstration of any one by-product of wastes of fruits. 1P
10. Visit to Fruit Processing Industry and preparation of Case study report on any one. 1P
11. Visit to fruit market and prepare report. 1P
12. Visit to Vineyard preparation of case study report on Vine Industry. 1P

M. Sc. [I]	Botany
b. Any three members of each Sub-divisions: Ascomycotina and Basidiomycotina and Deuteromycotina.	2P

Practical on Bryophytes:

3. Morphological, anatomical and reproductive studies of the following members:	
a. Any three members from Hepaticopsida and one member from Anthocerotopsida	1 P
b. Any four members from Bryopsida (Musci).	1 P

Practical based on BOUT 112: Cell Biology and Evolution

4. Study of mitosis and meiosis	2P
5. Study of polytene chromosome from Chironomous larvae	1P
6. Differential centrifugation for isolation of cell fractions- Nuclear fraction	1P
7. Isolation of Chloroplasts to study	1P
a. Hill reaction to measure intactness,	
b. Chlorophyll estimation	
8. Isolation of mitochondria for:	1p
a. Estimation of succinic dehydrogenase activity	
b. Microscopic observations using MitoTracker Green FM/ MitoTracker Red 580/ Janus green B	
9. Isolation of Lysosomal fraction and estimation of acid phosphatase activity	1P
10. Study of induced cell senescence in leaf discs & Study of programmed cell death in plants	1P
11. Study of different plant fossils & Geological Time Scale.	1P

Practical based on BOUT 113: Cytogenetics and Plant Breeding

12. Karyotype analysis, preparation of C- metaphase chromosomes of appropriate material (<i>Allium</i> / <i>Aloe</i>).	1P
13. Study of Meiotic configuration in <i>Rhoeo</i> buds	1P
14. Study of polygenic inheritance in any suitable material (Wheat/Maize etc.)	1P
15. Problems of population genetics: Estimation of gene and genotypic frequencies, PTC testing ability in humans	1P
16. Gene mapping, <i>Neurospora</i> tetrad analysis	1P
17. Problems on Mendelian Inheritance and analysis of F ₂ data by Chi-square Test.	1P
18. Study of Polytene / Salivary gland Chromosomes from <i>Drosophilla</i> / <i>Chironomous</i> larva, with Balbiani rings, puff balls, bands & inter bands.	1P
19. Floral Biology, Study of Pollen Viability (any two major crops). Use of Colchicine for induction of polyploidy in appropriate plant material.	1P

5. M.Sc. Computer Science

a. Course Structure

CBCS : 2020-21

M.Sc.-II

Computer Science



Savitribai Phule Pune University

(Formerly University of Pune)

Two year M.Sc. Degree Program in Computer Science

(Faculty of Science & Technology)

M.Sc.- II (Computer Science)

Choice Based Credit System Syllabus
To be implemented from Academic Year
2020-2021

CBCS : 2020-21

M.Sc.-II

Computer Science

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-III	Core Compulsory Theory Paper	CSUT231	Software Architecture and Design Patterns	4	30	70	100
		CSUT232	Machine Learning	4	30	70	100
		CSUT233	Web Frameworks	4	30	70	100
	Choice Based Optional Paper	CSDT234A	Big Data Analytics	2	15	35	50
		CSDP234A	Big Data Analytics Practical	2	15	35	50
		OR					
		CSDT234B	Web Analytics	2	15	35	50
		CSDP234B	Web Analytics Practical	2	15	35	50
		OR					
		CSDT234C	Project	2	15	35	50
	CSDP234C	Project related Assignments	2	15	35	50	
Core Compulsory Practical Paper	CSUP235	Practical on CSUT231, CSUT232 and CSUT233	4	30	70	100	

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-IV	Core	CSUIT241	Industrial Training /Institutional project	20	150	350	500

IA :- Internal Assessment, UE :- University Examination

b. Course Syllabus

CBCS : 2020-21

M.Sc.-II

Computer Science

M.Sc. Sem IV

CSUIT241 : Industrial Training /Institutional project Total Credits : 20

Teaching Scheme:
2 hours/week

The Industrial Training /Institutional project is equivalent to 5 theory courses of 4 credits each. Marks per 4 credits = 100. The total weightage for Industrial/Institutional training is 500 marks.

Workload :

1. One mentor to be assigned for 5 students.
2. 2 hours /week to be allotted for 5 students

Guidelines:

- Each student must individually complete **minimum 5 months** full time Industrial training / Institutional project in the 4th semester.
- College should assign a student mentor to every student. The mentor will monitor the progress of the student throughout the semester for continuous assessment.
- Student should submit a valid offer letter and synopsis within two weeks of starting the internship.
- There will be continuous assessment of the work done by the student during the internship period.
- Continuous assessment guidelines:
 1. Student should submit a weekly report in the college to the mentor.
 2. The report should contain the following details: Name of student, project title, company name, company mentor, daily activities and results/output, proposed work for next week.
 3. The weekly report should be duly signed by the student and company mentor/ institute guide (CM).
 4. Student Mentor should maintain weekly attendance record for every student.
 5. Two presentations should be conducted for each student (first presentation after first month and second presentation after 3rd month)
 6. Student Mentor should take feedback from the Company mentor regarding overall performance of the student.
- At the end of the internship period, each student should prepare a report which should conform to international academic standards.

CBCS : 2020-21

M.Sc.-II

Computer Science

- The report should follow the style in academic journals and books, with contents such as: abstract, background, aim, design and implementation, testing, conclusion and full references, Tables and figures should be numbered and referenced to in the report.

Examination and Evaluation guidelines

- The project done during internship period will be evaluated in the following manner:
IA - 150 marks + UE-350 marks.
- The final presentation and documentation will be evaluated by three examiners:
 - Student mentor (appointed by respective college)
 - External examiner (appointed by the University)
 - IT expert (appointed by respective college)

IA (150 marks)				
Weekly Attendance	Weekly Reports	First Presentation	Second Presentation	Documentation
20	40	20	40	30

UE (350 marks)		
Mentor	IT Expert	External Examiner
100	125	125

Recommended Documentation contents:

Title page
Company / Institute certificate
Internship completion certificate

Abstract

Introduction

- motivation
- problem statement
- purpose/objective and goals
- literature survey
- project scope and limitations

System analysis

- Comparative study of Existing systems
- scope and limitations of existing systems
- project perspective, features
- stakeholders
- Requirement analysis - Functional requirements, performance requirements, security requirements etc.

System Design

- Design constraints
- System Model: UML diagrams
- Data Model

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CBCS : 2020-21

M.Sc.-II

Computer Science

-User interfaces

Implementation details

-Software/hardware specifications, etc.

Reports**Testing**

Test Plan, Black Box Testing or Data Validation Test Cases, White Box Testing or Functional Validation Test cases and results

Conclusion and Recommendations**Future Scope****Bibliography and References**