



RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S Arts, Commerce & Science College

(SPPU ID. - PU/PN/ACS/161/2001 & CAAP011670) (AISHE code -41724) (Jr. Index No.:- 11.16.026)
(Permanently Affiliated to Savitribai Phule Pune University, Pune & Approved by Govt. of Maharashtra)
(Affiliated to HSC, Pune and Approved by Higher Secondary Education, Govt. of Maharashtra)
NAAC Accredited 'B' Grade, UGC- 2f & 12B, ISO 9001-2015 & ISO 14001-2015, Green Campus

Opp. Amphenol Company, Near Datta Mandir, Landewadi, Bhosari, Pune - 411 039.

Email: rjspmcs@ gmail.com, rajmata_college@yahoo.co.in Website: www.rjspmcollege.ac.in

Contact No.: 7020987679, 7559207459

Record of students undertaking project work/field work/ internships

Academic Year 2022-2023

Sr.No	Programme name	Program Code	List of students undertaking project work/field work/internship
1	M.Sc(Computer science)	PG1	32
2	M.Com	PG2	47
3	M.Sc(Biotechnology)	PG3	24
4	MA Economics	PG4	5
5	B.Sc(Computer Science)	UG1	65
6	B.A(Economics,History,English)	UG2	42
7	B.Com	UG3	313
8	B.Sc(Biotechnology)	UG4	20
9	BBA	UG5	43
10	BBA(Computer Application)	UG6	44
Total			635

Supportive Documents:

Sr. No	Documents
1	Project Guideline
2	Students list
3	Sample Certificate



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



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.



- 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 diagram
- Data Model



-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



RAJMATA JIAJU SHIKSHAN PRASARAK MANDAL'S ACS COLLEGE, LANDEWADI, BHOSARI
DEPARTMENT OF COMPUTER SCIENCE

INDUSTRIAL PROJECT EXAMINATION CLASS: M.Sc(CS)-2 SEM IV 2022-23

Sr. No	Name of Student	Project Name	Company	Guide
1	KOLAPKAR SWATI PRADIP	EYE SECURITY	SGMS INFOTECH LLP	Prof. Swapnil More
2	PANDIT SARANG BALRAM			
3	BORHADE SRUSHTI BHARAT	SUSTAINABLE SCRAP INITIATIVE	SGMS INFOTECH LLP	
4	BANSODE KSHITIJ KALIDAS			
5	SINHA SONI RAJU	ONLINE TOURISM	PAWAR TECH SERVICES PVT LTD	
6	MANE ASMITA MAHADEV	MY ROOMS	PAWAR TECH SERVICES PVT LTD	
7	DAUNDKAR ASHISH SHAHAJI			
8	BABAR KALYANI ANIL	DATA LOGGER	PAWAR TECH SERVICES PVT LTD	
9	ZANZANE ARATI PRAKASH			
10	ARUDE VAISHALI BALASAHEB	POULTRY FARM	TECHENCE IT SOLUTIONS	
11	CHAUGULE DIVYA RAMDAS			
12	LENKA KARTIKKUMAR BIJAYKUMAR	EVENT MANAGEMENT SYSTEM	GREMIO TECHNOLOGY	
13	SARADE AMIT BHARAT			
14	JAMBHULKAR ROHAN RAVINDRA	ONLINE BAKERY SHOP	TEACHNOOK IT SOLUTIONS	
15	AHER PRIYANKA PARMESHWAR	ROYAL SPORTS NATION	YOSHAMA & CO. PUNE PVT LTD	
16	WAGHOLE PRADNYA KAILAS			
17	VISHAL VISHNU SABALE	ONLINE BAKERY SHOP	INSPRO IT PVT LTD	
18	LONDHE NIKHIL JAYWANT	ONLINE HOTEL ANALYSIS	TRENDWORX PVT LLP.	
19	KILKILE SAGAR KISAN			
20	HARSHAL SUDHIR AHER	COOPERATIVE FINANCE	SGMS INFOTECH LLP	
21	SHIVANI SUBHASH BORATE			
22	JADHAV AMIT MARUTI	EXAMHUB SYSTEM	GALLAGHER SERVICE CENTER LLP	
23	MHETRE DIPESH DEVIDAS			

24	NALE ANIKET BHARAT	SMART RESUME	VR SOFTWARE SOLUTIONS	Prof. Swapnil More
25	SHINDE ROHAN RAJU			
26	SAWANT AKASH BABANI	MEDICAL STORE SYSTEM	PAWAR TECH SERVICES PVT LTD	
27	RANDHAVE ANAND MAHADEO	EMPLOYEE LEAVE MANG. SYSTEM	TECHENCE IT SOLUTIONS	
28	GANDHAT ADINATH RAMBHAU			
29	VISHAL NARAYAN GADGE	FITNESS CENTER	EXTRIMITY INDIA PVT.LTD.	
30	VADAKKAN PRIYA TREESA JOY	ELECTRONIC HEALTH RECORD	WEB SOFT IT SOLUTIONS	
31	SHAIKH SIRAJ MUKTAR	BOUTIQUE MANAGEMENT	MAXOTAG TECHNOLOGY PVT LTD.	
32	SUKRE PRAVIN NAVNATH			

Kust
HOD-CS



[Signature]
Principal



**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,**

Landewadi, Bhosari, Pune – 411039.

(Affiliated to University of Pune & Approved by Government of Maharashtra)

Department of Computer Science

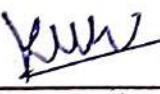
CERTIFICATE

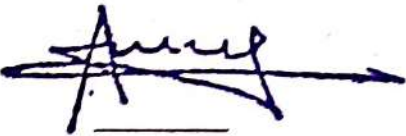
This is to certify that Mr. Rohan Ravindra Jambhulkar, a student of
Master of Science (Computer Science) Semester IV has satisfactorily
completed the Project

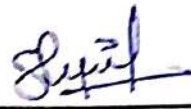
Online Bakery Shop as per the syllabus laid down by the Savitribai
Phule Pune University, Pune during the academic year 2022-2023 and
entered up his Project there for currently and correctly.

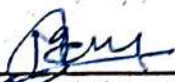
Exam Seat No:-


Project Guide


Head of the Dept.


Principal


Internal Examiner


External Examiner


Industry Expert

Date:-





CERTIFICATE

OF INTERNSHIP COMPLETION

Rohan Ravindra Jambhulkar



has successfully completed internship program on **Web Development**
from Immensphere in associated with Teachnook from **07/01/2023** to **10/06/2023**
During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-936

Date : 15/06/2023

A handwritten signature in black ink, appearing to read "Santosh".

Academic Head

A handwritten signature in black ink, appearing to read "Sampat".

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for
a student or other institution, an employer or other institution,
that you have successfully completed



**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune – 411039.**

(Affiliated to Savitribai Phule Pune University & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that, Sarang Pandit. Swati Kolapkar,
a student of *M.Sc (Computer Science)-II Sem -III* has satisfactorily
completed the Project Eye security, as
per the syllabus laid down by the *Savitribai Phule Pune University*
during the academic year *2022-2023*.

Exam Seat No: -3253,324

Project Guide

Head Of Dept

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-





SGMS INFOTECH LLP

SGMS INFOTECH LLP

CIN: AA-8449

Email : contact@sgmsinfotech.com

Web : www.sgmsinfotech.com

Contact . +91 8275329929

Ref. No. : SGMS/2023/J100135 1

Date : 10 / 05 / 2023

INTERNSHIP COMPLETION LETTER

This is to certify that **Ms. Swati Pradip Kolapkar** MSc-Computer Science Final year student of Rajmata Jijau Shikshan Prasarak Mandal, Landewadi, Bhosari Pune has successfully Completed a Partial Project Titled "**Eye Security**" in Java Technology with SGMS Infotech LLP Akurdi Pune as a part of her 4th semester project.

He has done his project during the period of **10 December 2022 To 10 May 2023** to the completion of his project under the guidance of Mr. Ritesh R. Surange.




SGMS Infotech LLP
Director

Address: Office No.4, SN 26, ABC Junction, Front of Akurdi Railway Station,
Nigadi Pradhikaran, Pune - 411044



Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune – 411039.
(Affiliated to University of Pune & Approved by Government of Maharashtra)
Department of Computer Science

CERTIFICATE

Ashish Shahaji Daundkar

This is to certify that Mr. /Ms. Asmita Mahadev Mane, a student of *Master of Science (Computer Science) Semester IV* has satisfactorily completed the Practical course in *CSUIT241-Industrial Training project* as per the syllabus laid down by the Savitribai Phule Pune University, Pune during the academic year 2022-2023 and entered up his/her Project there for currently and correctly.

Exam Seat No:- 3249, 3265

Project Guide

Head of the Dept.

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-





PAWAR TECH SERVICES PVT. LTD.

CIN-U72900PN2019PTC181283

www.pawarsoftwares.com

No: PSS/2324/84

Date: 20 May 2023

Certificate

This is to certify that **Miss. Asmita Mahadev Mane** who is pursuing **MSC(Master of Computer Science)** degree from **RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ARTS, COMMERCE & SCIENCE COLLEGE, BHOSARI, PUNE-411039.**

She has done Industrial training on project **"MY ROOMS"** with us **"Pawar Tech Services Pvt. Ltd"**.

Project Duration: **Feb 2023 to May 2023.**

She is a sincere and hardworking person and is committed to her work.

We wish her all the best in her future endeavors.

Thanking You,

Place: Pune.

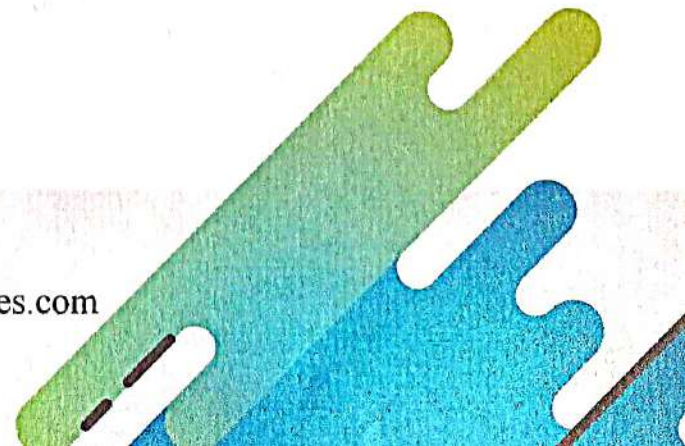


**Pawar Tech
Services Pvt. Ltd.**

05 Mangal Murti
Complex, Bhosari -411026.

Phone: 8983438373

E-mail: hr@pawarsoftwares.com





**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune – 411039.**

(Affiliated to Savitribai Phule Pune University & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that, Pradnya Waghole and Priyanka Aher, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project **Royal Sports Nation**, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year **2022-2023**.

Exam Seat No: - 3275, 3243

Project Guide

Internal Examiner

Head Of Dept

External Examiner

Principal

Industry Expert



Date:-

Yoshama

& co. Pune pvt. It information & technology

A-81, H-Block, M.I.D.C., Pimpri, Pune 411018 Maharashtra

Phone : 020 46772085 Email : pune@yoshamasprings.com

CERTIFICATE

To whomsoever it may concern

Miss. **PRIYANKA PARMESHWAR AHER** and **PRADNYA KAILAS WAGHOLE** a M.Sc.(Computer Science) second year of **Rajmata Jijau Shikshan Prasarak Mandal, Bhosari** has undergone **INDUSTRIAL TRAINING** in this organization for a period of Three months. During her training in Web Based Application Development in **Yoshama & co. Pune pvt. It information & technology** she completed project work on “**Royal Sports Nation**”.

This is undertaking as a part of Industrial Training for the academic year 2022-2023 under the guidance of **Mr. Ganesh Adhari**. We appreciate her efforts that she has taken for project completion.



Sign of

MANAGER & PROJECT GUIDE



Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune – 411039.
(Affiliated to University of Pune & Approved by Government of Maharashtra)
Department of Computer Science

CERTIFICATE

This is to certify that Mr./Ms. Akash Babani Sawant., a student of *Master of Science (Computer Science) Semester IV* has satisfactorily completed the Practical course in *CSUIT241-Industrial Training project* as per the syllabus laid down by the Savitribai Phule Pune University, Pune during the academic year 2022-2023 and entered up his/her Project there for currently and correctly.

Exam Seat No:- 3255

Project Guide

Head of the Dept.

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-





PAWAR TECH SERVICES
CIN-U72900PN2019PTC

www.pawarsoftwares.com

No: PSS/2324/89

Date: 20 May 2023

Certificate

This is to certify that **Mr. Akash Babani Sawant** who is pursuing **MSC(Master of Computer Science)** degree from **RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ARTS, COMMERCE & SCIENCE COLLEGE, BHOSARI, PUNE-411039.**

He has done Industrial training on project "**Medical Store System**" with us "**Pawar Tech Services Pvt. Ltd.**".

Project Duration: **Feb 2023 to May 2023.**

He is a sincere and hardworking person and is committed to his work.

We wish him all the best in his future endeavors.

Thanking You,

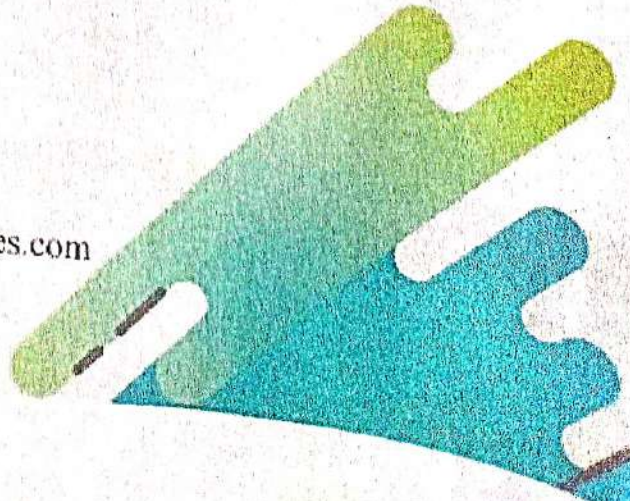
Place: Pune.



**Pawar Tech
Services Pvt. Ltd.**
E-05 Mangal Murti
Complex, Bhosari -411026.

Phone: 8983438373

E-mail: hr@pawarsoftwares.com





Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune – 411039.
(Affiliated to University of Pune & Approved by Government of Maharashtra)
Department of Computer Science

CERTIFICATE

This is to certify that Mr. /Ms. **AMIT JADHAV & DIPESH MHETRE**, a student of *Master of Science (Computer Science)* *Semester IV* has satisfactorily completed the Practical course in **EXAMHUB SYSTEM** as per the syllabus laid down by the Savitribai Phule Pune University, Pune during the academic year 2022-2023 and entered up his/her Project there for currently and correctly.

Exam Seat No:- 3250, 3267

Project Guide

Head of the Dept.

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-





Gallagher

Insurance | Risk Management | Consulting

Date :- 10/11/2022

Completion Letter

Mr. Amit Maruti Jadhav

Dear AMIT,

We wish to inform you that you are relieved from the services of the Company at the close of working hours on **09-May-2023**.

We would also like to confirm the following details about your employment with Gallagher Service Center LLP:

DOJ : 10-Nov-2022

DOR : 09-May-2023

Location : PUNE

We take this opportunity to thank you for all your contribution to the Company and wish you success in your future endeavors.

For Gallagher Service Center LLP,

Mohib Doni

Senior Service Delivery Manager – Human Resources

PI.Note: You can reach GSC.askHR@AJG.com, for any queries in future.



**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,**

Landewadi, Bhosari, Pune – 411039.

(Affiliated to University of Pune & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that Mr./Ms. Londhe Nikhil Jaywant
Kirkile Sagar Kisan, a
student of *Master of Science (Computer Science) Semester IV* has
satisfactorily completed the Practical course in
CSUIT241-Industrial Training project as per the syllabus laid down
by the Savitribai Phule Pune University, Pune during the academic
year 2022-2023 and entered up his/her Project there for currently and
correctly.

Exam Seat No:-

Project Guide

Head of the Dept.

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-





To,
Date: 21/06/2023
Sagar Kisan Kilkile Pune.
Nikhil Jaywant Londhe

This letter is to inform you that **Mr Sagar Kisan Kilkile & Nikhil jaywant Londhe** , MSC Computer Science , Student of Second Year , 4 Semester in Rajmata Jijau Shikshan Prasarak Mandal, Bhosari , is working with **TrendWorx Private Limited** as a Java Intern.

Project Name : **ONLINE HOTEL ANALYSIS**

Technology : **Java**

From : **10th Mar 2023 To 10th June 2023**

He has successfully completed his intership. During the period he was sincere hardworking and fully devoted to project. We wish his all success for his future career.

This certification is being issued upon the request of an intern for whatever academic purpose it may. If you need any more details, please feel free to contact us.

Sincerely,

Manish Bhargava
Director
TrendWorx Private Limited.

**SAVITRIBAI PHULE PUNE UNIVERSITY
(SPPU)
(Formerly University of Pune)**



CREDIT SYSTEM (CS)
For
SEMESTER PATTERN
Post Graduate Programs

Handbook

(Updated Version)

Prepared by
Professor Vilas Kharat Dr. V. B. Gaikwad



SAVITRIBAI PHULE PUNE UNIVERSITY

Revised Syllabus of Master of Commerce (M.Com.) Semester Pattern with Credit System with effect from June 2019

The M. Com. Syllabus for regular students is being revised from the academic year 2019-20.
The course structure is as below:-

1. Objectives :

- a. To equip and train Post Graduate students to accept the challenges of business world by providing opportunities for study and analysis of advanced commercial and business methods and processes.
- b. To develop independent logical thinking and facilitate personality development.
- c. To equip the students to seek suitable careers in management and entrepreneurship.
- d. To acquaint students with significance of research in business.
- e. To impart skills regarding methods of data collection and their interpretations.
- f. To develop communication and analytical skills among students.

2. Duration :

The M.Com. Course will be of Two Years duration consisting of two part. I.e. Part I and Part II. Each part is having Two Semesters.

Thus, the M.Com. Course is of Four Semesters. For each Semester, there will be Four Papers of 100 marks each. M.Com. Degree will be of 1600 marks in aggregate.

3. Duration and Structure of Programme:

The M.Com (Semester pattern with Credit System) degree Programme shall be of 2 years' duration divided into two parts, Part I and Part II, and 4 semesters.

4. Eligibility :

The student who has passed any Bachelors degree of this University or any other recognized University shall be held eligible to be admitted to M.Com. Course.

5. Course Structure:

The M.Com. degree course will be of two year duration consisting of four semesters and of minimum 64 credits as below:

Sr. No.	Semester	Total Credits
1	Semester I	16
2	Semester II	16
3	Semester III	16
4	Semester IV	16
	Grand Total	64

Four extra credits for project work at 4th Semester (This will include credits for fieldwork, data presentation and report writing)

In each Semester, there will be four papers of 100 marks each out of which **40 marks will be for Internal Assessment** (attendance, home assignments, class tests, long term papers, classroom presentation and **60 marks for University Examination**. Thus M.Com. degree examination, four Semesters shall be of 1600 marks.

In addition to the above, students are required to secure following ten credits. These credits are compulsory in nature.

Semester	Human Rights	Introduction to cyber security / information security	Skill development	Total Credits
I	1 credit	1 credit	--	2 credits
II	1 credit	1 credit	--	2 credits
III	--	1 credit	2 credits	3 credits
IV	--	1 credit	2 credits	3 credits
Total Credits	2 credits	4 credits	4 credits	10 credits

- Syllabus and other details regarding 'Human Rights' has been displayed on the home page of the university website.
- Syllabus and other details regarding 'Introduction to cyber security / information security' has been displayed on the 'syllabi' page of the university website.



As the Research Project is based on the self-study done by the candidate and evaluated for 100 marks altogether, having four credits. The project may be evaluated by two examiners one internal and one external, selected from the panel of PG examiners of the University. The Viva voce must be conducted by the teachers selected out of the panel of PG examiners maintained by the University.

The candidates have to submit the project 15 days before the commencement of the fourth semester university examination. The project report shall be type-written and submitted in duplicate. A candidate who fails to submit the project may resubmit the same in the subsequent semester examination for evaluation. The project work activities must be duly supported by documentary evidence to be endorsed by the Head or Guide.

9. Standard of passing:

A candidate shall be declared to have passed in the paper provided he/she has secured minimum GP of 4.5 in the UNIVERSITY EXAMINATION and GRADE POINT AVERAGE of 4.0 in aggregate of UNIVERSITY GRADE and INTERNAL ASSESSMENT taken together.

10. Classification of successful candidates:

Candidates who secured not less than 60% of aggregate marks (INTERNAL ASSESSMENT +UNIVERSITY EXAMINATION) in the whole examination shall be declared to have passed the examination in the first class. All other successful candidates shall be declared to have passed in second class. Candidates who obtain 70% of the marks in the aggregate (INTERNAL ASSESSMENT +UNIVERSITY EXAMINATION) shall be deemed to have passed the examination in first class with distinction.

A student who passes in all the courses will be declared to have passed the M.Com. degree with the following honors.

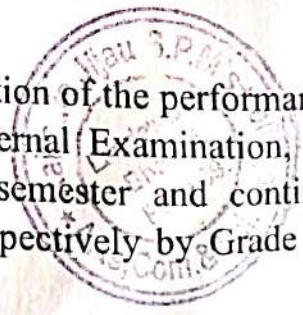
CGPA in (4.00, 4.99)	- Pass Class
CGPA in (5.00, 5.49)	- Second Class
CGPA in (5.50, 5.99)	- Higher Second Class
CGPA in (6.00, 7.99)	- First Class
CGPA in (8.00, 10,00)	- First Class with Distinction

11. Scheme of Credits:

Sixty (60) hours of teaching will lead to four credits (which mean four hours per week teaching in one semester) and long term paper as well as presentation will carry one credit. Each semester shall offer 16 credits or more.

12. Grade Points Scheme:

The term grading system indicates a 10 – points scale of evaluation of the performance of students in terms of marks obtained in the Internal and External Examination, grade points and letter grade. The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade Point



Semester IV

Semester	Subject Type	Course Code	Title of the Paper	Hrs/Week	Credit	Exam. Hours	Maximum Marks			
							40	60	100	
Semester IV	Core Compulsory	401	Capital Market and Financial Services	04	04	03	40	60	100	
		402	Industrial Economic Environment (OR) Operations Research	04	04	03	40	60	100	
	<i>To choose any one Group of the following</i>									
	Group A (Advanced Accounting & Taxation)									
		403	Recent Advances in Accounting, Taxation and Auditing	04	04	03	40	60	100	
		404	Project Work/ Case Studies	04	04	03	40	60	100	
	Group B (Commercial Laws & Practices)									
		405	Recent Advances in Commercial Laws and Practices	04	04	03	40	60	100	
		406	Project Work/Case Studies	04	04	03	40	60	100	
	Group C (Advanced Cost Accounting & Cost system)									
		407	Recent Advances in Cost Auditing and Cost System	04	04	03	40	60	100	
		408	Project Work/Case Studies	04	04	03	40	60	100	
	Group D (Co-operation & Rural Development)									
		409	Recent Advances in Co-operative and Rural Development	04	04	03	40	60	100	
		410	Project Work/Case Studies	04	04	03	40	60	100	
	Group E (Business Practices & Environment)									
		411	Recent Advances in Business Practices and Environment	04	04	03	40	60	100	
		412	Project Work/Case Studies	04	04	03	40	60	100	
Group F (Business Administration)										
	413	Recent Advances in Business Administration	04	04	03	40	60	100		
	414	Project Work/Case Studies	04	04	03	40	60	100		
Group G (Advanced Banking & Finance)										
	415	Recent Advances in Banking and Finance	04	04	03	40	60	100		
	416	Project Work/Case Studies	04	04	03	40	60	100		
Group II (Advanced Marketing)										
	417	Recent Advances in Marketing	04	04	03	40	60	100		
	418	Project Work/Case Studies	04	04	03	40	60	100		



7. Scheme of Examination:

The examination of regular students of M.Com. degree course of the University of Pune admitted in the academic session 2019-20 and after shall be based on:

- Semester Examination
- Continuous Assessment
- Choice Based Credit System, and
- Semester Grade Point Average and Cumulative Grade Point Average System

For each paper of 100 marks, there will be an Internal Assessment (IA) of 40 marks and the University Examination (UE) of 60 marks/ 3 hours duration at the end of each semester. A candidate who will secure at least 40% marks allotted to each paper will be given 4 credits. A candidate who does not pass the examination in any subject or subjects in one semester will be permitted to appear in such failed subject or subjects along with the papers of following semesters.

The Internal Assessment for each paper will be 40 marks, which will be carried out by the department during the term. The Internal Assessment may be in the forms of written test, seminars, term papers, presentations, assignments, orals or any such others. The distribution of internal assessment marks shall be as follows:

Midterm Test	20
Presentation/Role Play	10
Case studies/ Group Discussion	10

There shall be four semester examinations: first semester examination at the middle of the first academic year and the second semester examination at the end of the first academic year. Similarly, the third and fourth semester examinations shall be held at the middle and the end of the second academic year, respectively.

The candidates shall be permitted to proceed from the first semester up to final semester irrespective of their failure in any of the semester examinations subject to the condition that the candidates should register for all the arrear subjects of earlier semesters along with current (Subsequent) semester subjects.

8. Research project work:

There will be a Research Project to be prepared by a student during the fourth semester. The objective of the project work is to introduce students to research methodology in the subject and prepare them for pursuing research in theoretical or experimental or computational areas of the subject. The project work is to be undertaken under guidance of a teacher allotted to a student by the department.

Division of marks	Marks
Synopsis with working bibliography (Internal Assessment)	40 marks
A full project Report (Minimum 50-80 pages)	40 marks
Viva Voce	20 marks



Total	100 marks
-------	-----------

As the Research Project is based on the self-study done by the candidate and evaluated for 100 marks altogether, having four credits. The project may be evaluated by two examiners one internal and one external, selected from the panel of PG examiners of the University. The Viva voce must be conducted by the teachers selected out of the panel of PG examiners maintained by the University.

The candidates have to submit the project 15 days before the commencement of the fourth semester university examination. The project report shall be type-written and submitted in duplicate. A candidate who fails to submit the project may resubmit the same in the subsequent semester examination for evaluation. The project work activities must be duly supported by documentary evidence to be endorsed by the Head or Guide.

9. Standard of passing:

A candidate shall be declared to have passed in the paper provided he/she has secured minimum GP of 4.5 in the UNIVERSITY EXAMINATION and GRADE POINT AVERAGE of 4.0 in aggregate of UNIVERSITY GRADE and INTERNAL ASSESSMENT taken together.

10. Classification of successful candidates:

Candidates who secured not less than 60% of aggregate marks (INTERNAL ASSESSMENT +UNIVERSITY EXAMINATION) in the whole examination shall be declared to have passed the examination in the first class. All other successful candidates shall be declared to have passed in second class. Candidates who obtain 70% of the marks in the aggregate (INTERNAL ASSESSMENT +UNIVERSITY EXAMINATION) shall be deemed to have passed the examination in first class with distinction.

A student who passes in all the courses will be declared to have passed the M.Com. degree with the following honors.

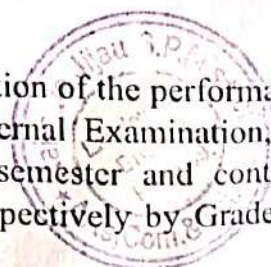
CGPA in (4.00, 4.99)	- Pass Class
CGPA in (5.00, 5.49)	- Second Class
CGPA in (5.50, 5.99)	- Higher Second Class
CGPA in (6.00, 7.99)	- First Class
CGPA in (8.00, 10.00)	- First Class with Distinction

11. Scheme of Credits:

Sixty (60) hours of teaching will lead to four credits (which mean four hours per week teaching in one semester) and long term paper as well as presentation will carry one credit. Each semester shall offer 16 credits or more.

12. Grade Points Scheme:

The term grading system indicates a 10 – points scale of evaluation of the performance of students in terms of marks obtained in the Internal and External Examination, grade points and letter grade. The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade Point



SPECIAL ELECTIVE SUBJECT - GROUP C (Advanced Cost Accounting & Cost system)
Subject: PROJECT WORK / CASE STUDIES Course Code: 408 Total Credits: 04

Project Work Will Carry 100 Marks. For Regular Students, Project Work Is Compulsory. The Option Of Case Studies Is Only For The Students Registered As An External Student. 'Students Are Expected To Prepare The Project Report Based On The Field Work And Survey And Studying The Current Trends Under The Guidance Of Their Guide Teacher'. They Will Have To Submit The Report On 31st March Every Year. Project Viva Voce Will Be Conducted At The End Of IV Semester But Before Theory Examination.

Guidelines Areas of Project Work Marks: 100

Students are required to Visit a Unit in Concerned Industry and submit their report on any of the following project topics.

1. Marginal Costing: Techniques Based on Annual Reports of Listed Companies. To Study the Application of Marginal Costing in Taking Managerial Decision.
2. Budgetary Control: Study of Procedure of Audit. A Study of Budgetary Control System Established therein and used for cost Control Purpose.
3. Statement of Cost of Production of the taxable goods(refer Rule 30 of the CGST Rules, 2017)
4. Environmental Audit.
5. Cost Audit: Audit Programme Understanding the Procedure of Cost Audit, Cost Accounting Record Rules of the Respective Industry and Preparation of Cost Audit Report.
6. Process Costing: process industry & Understanding the Use of Process Costing Method in the factory, Cost Analysis at Each Stage in Particular and Cost Analysis in General done in the Sugar Factory.
7. Pricing Decisions: Visit to any Industry Understanding the different Methods and Techniques used by the Concern in pricing different Products.
8. Cost Control and Cost Reduction: Visit to any Manufacturing Concern and Understanding the different Methods used fruitfully by the Priority in Cost Control and Cost Reduction. **ISOProcedure.**
9. Contract Costing: Visit to Any Construction / Contracting firm and Understanding Ascertainment of Contract Cost, Allocation and Apportionment of different Expenses and Apportionment of profit on Incomplete Contract.

10. Costing in Service Industry: Visit to any Hotel, Airlines, Hospitals or any other Service Industry and Understanding the Costing Methods used in the Concerned Service Industry and its Utility to Ascertain the Cost of Service Rendered as well as for controlling the Cost.

11. Recent Developments in Cost Accounting.
12. Application of Activity Based Costing.
13. Study of Job Evaluation and Merit Rating in Industrial Unit:
14. Application to Agro Based Industries i.e. fishery, dairy, poultry etc.
15. Cost Reduction Program and its Implementation:
16. Study of Costing Techniques and its use in Decision Making:
17. Application of Onion – Cash Crop, Sugarcane, Cotton, Horticulture etc.
18. Study of Various Measurement Policies (Risk Management)
19. Study of minimum wages.
20. Study of fixation or fees of Professional Courses,
21. Study of Cost Associate with Finance of Any Company
22. Study of Cost Structure of Different Companies from same Industry.
23. CSR under industry.

Note:

- The aforementioned titles are just for examples. Students can choose any other topic relevant to the syllabus in consultation with subject teacher.
- 50 % Marks are allotted to Viva-Voce whereas rest 50 % for the Project Work conducted by the students.



SPECIAL ELECTIVE SUBJECT - Group G (Advanced Banking & Finance)

Subject: Project Work / Case Studies

Course Code: 416

Total Credits: 04

The following are the topics suggested for Project Work:

1. A study of trends in mutual funds
2. Financial Inclusion & unskilled worker.
3. Rural Development & role of NABARD
4. A study of Bank portfolio
5. Banking Development Problems & Perspectives
6. Role of IT in Banking industry: constraints & challenges
7. A study of New Banking products
8. A study of Marketing of Banking products
9. A study of Companies (Amendment) Act 2013 with reference to Banking
10. Capital Adequacy Norms: constraints & challenges
11. Project Evaluation Tools & Techniques
12. Assessment of Financial Health through Ratio Analysis
13. Study of Bank Balance Sheet.
14. Study of Urban Co-Operative Bank.
15. Study of Non-Performing Assets.
16. Study of Capital adequacy of Public sector, Private sector and Co-Operative Banks.
17. Study of Foreign bank branch working in India.
18. Study of forex operation of Indian banks located in your city.
19. Study of National securities depository and Demat Account.
20. Study of Social banking (Prime Minister Rozgar Yojana, Suwarna Jayanti Sahara Rozgar Yojana, NAREGA, The Urban Self employment programe.)
21. Study of Self help group in Maharashtra.
22. Study of Recent Mergers and acquisition in banks.
23. Study of recent mergers of banks and its implication on bank employee.
24. Study of Foreign institutional investments.
25. Study of Recent reforms in capital market.
26. Study of R.B.I. recent monetary policy.
27. Study of Stock Exchange.



28. Study of Non-Banking Finance Companies.
29. Study of Role of N.G.O's.
30. Study of International Financial Institutions.
31. Study of International Investors.
32. Skill Development for unemployment Youth.
33. Study of Self Help Groups.
34. Study of investor's portfolio.
35. Study of investor's awareness and education by SEBI.
36. Study of role of SEBI.
37. Study of different schemes of mutual funds.
38. Study of companies deposits.
39. Study of GDR and ADR
40. Study of FDI.

Note:

- Clarity with respect to any topic mentioned above be given by the concerned subject teacher / Guide.
- Student is required to choose one institution / scheme at a time.
- The topics mentioned are for guidelines and the concerned subject teachers have the privilege to choose and suggest any other topic other than the above



RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL,
ARTS, COMMERCE AND SCIENCE COLLEGE,
LANDEWADI, BHOSARI, PUNE 39

Department of Commerce

M.com-II 2019 Pattern

Notice

Date-05/04/2023

This is inform to all the M.Com –II students of Costing and Banking that submit your project hardcopy (Black embossing) to Department before 10/04/2023 in staff room.

Note – Two hardcopy

Payashree Aramani
HOD




Principal

**RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'
ARTS, COMMERCE AND SCIENCE COLLEGE,
LANDEWADI, BHOSARI, PUNE 39**

Department of Commerce

M.com-II 2019 Pattern

Notice

Date-13/02/2023

This is inform to all the M.Com –II students of Costing and Banking that submit your project hardcopy (Black embossing) to Department before 16/02/2023 in staff room to make the review of projects.

Jayashree Aramani
HOD



[Signature]
Principal

Sr.No.	Name of the Students	Topic of the Project
1	GAURAV SANJAY ARUDE	STUDY OF CO-OPERATIVE BANK
2	JATA NARESH MOHANLAL	THA STUDY OF BANK BALANCE SHEET
3	KHARAT AKSHATA SUNIL	STUDY OF NON-BANKING COMPANY
4	KULKARNI SHRADDHA RAJENDRA	STUDY OF NATIONAL SECURITIES DEPOSITORY AND DEMAT ACCOUNT
5	GAWALI SOMNATH SHAMKANTI	STUDY ON ADR AND GDR
6	DUDHAL JAGRUTI DNYANDEV	A STUDY OF NEW BANKING PRODUCT
7	GARHALE TUSHAR TRYAMBAK	A STUDY OF NON PERFORMING BANK OF MAHARASHTRA
8	ABHISHEK ROHIDAS PHUGE	STUDY OF SEBI
9	PRAJWAL ANIL PATIL	STUDY OF MERGERS AND ACQUISITION IN INDIAN BANKING SECTORS
10	LANDGE NITIN SANJAY	STUDY OF GDR AND ADR
11	TEJAS SUNIL NAVALE	STUDY OF R.B.I MONITARY POLICY
12	SURAJ BALU NIGALE	STUDY OF FOREIGN DIRECT INVESTMENT
13	SAYALI ARUN LONDHE	BANKING PELOPMENTS AND PERSPECTIVIES
14	PRATIK PRASHANT ALIBAGKAR	STUDY OF URBAN CO-OPERATIVE BANK
15	YANGAR RAMESHWARI TULSHIDAS	ROLE OF NGO'S IN HEALTH RESEARCH
16	SHUBHAM SURESH GAIKWAD	STUDY OF URBAN CO-OPERATIVE BANK
17	MURHE GAURI CHANDAN	STUDY OF FOREIGN BANK BRANCH WORKING IN INDIA
18	SHRUTI MAHENDRA SAPKALE	THE STUDY OF DIFFERENT SCHEME OF MUTUAL FUND BY ICICI BANK
19	SADUWALE GANESH MOHAN	STUDY OF GDR AND ADR
20	SANKET RAOSAHEB WALUNJ	STUDY OF NON PERFORMING ASSETS
21	LONDHE ROHAN MARUTI	STUDY OF ROLE NGO'S HEALTH RESEARCH
22	SHUBHAM VISHNU WADEKAR	STUDY OF GDR AND ADR
23	PRATIKSHA RAJU SHIRSAT	STUDY OF FDI
24	KARISHMA UTTAM KHARAT	STUDY OF URBAN CO-OPERATIVE BANK
25	SACHITANAND DINBHAU CHAUHAN	STUDY OF CO-OPERATIVE BANK
26	SNEHAL ANIL PILANE	STUDY OF SOCIAL BANKING
27	POOJA PRAKASH JANGAM	ROLE OF NABARD
28	NUPOOR PAWAR	THE STUDY OF INVESTERS AWARENESS AND EDUCATION BY SEBI
29	SHAMBHAVI RAMPAL	STUDY OF URBAN COOPERATIVE BANK
30	DIPALI KALAJE	BANKINGDEVELOPMENT PROBLEMS AND PROSPECTUS

Dear
Dr. P. R. Gore



Jayashree
Jayashree Araman

RAJMATA JIJAU SHIKSHAN PRASARK MANDAL'S ARTS COMMERCE & SCIENCE COLLEGE
LANDEWADI, BHOSARI, PUNE - 411039
M.Com II (SEM-IV) 2022-23

Costing Project List

Sr. No.	Students Name	Project Name
1	KAVERI PANNDURANGA LAJURKAR	COST AUDIT AUDIT PROGRAM UNDERSTANDING AT YOUNGESH KABRA AND COMPANY
2	OMKAR SHUBASH SHINDE	APPLICATION OF ACTIVITY BASED COSTING
3	SHRAVINI SURESH KADANE	A STUDY ON BUDGET AND BUDGETARY CONTROL
4	NIKITA VAIJANATH GANGANE	COST TECHNIQUE AND ITS USED IN DECISION MAKING
5	ASHIWANI SANJAY KHAPUDE	APPLICATION OF MARGINAL COSTING TECHNIQUE IN MANAGEMENT DECISION MAKING
6	RITIKA PRABHAKAR PADWAL	APPLICATION TO AGRO BASED INDUSTRIES
7	KAJAL BORUDE RAJU	STUDY OF MARGINAL COSTING
8	MATKAR RUTUJA SAMBHAJI	A STUDY ON BUDGET AND BUDGETARY CONTROL
9	THORAVE SURAJ HANUMANT	COST CONTROL AND COST REDUCATIUN
10	VRUSHALI SANTOSH HANDE	PROCESS COSTING
11	PRIYANKA BALASABHEB SHINDE	BUDGETARY CONTROL SYSTEM
12	PRIYA GOPAL SIGN CHADDA	COST REDUCTION AND CONTROL
13	TAOKIR NISHANT MAHADEV	A STUDY TAX AUDIT REPORT OF NON CORPORATE AND CORPORATE ASSESSEES
14	AYESHA SHABBIR MUJAWAR	BUDGETARY CONTROL SYSTEM
15	PRATIKSHA PRALHAD KADAM	PROCESS COSTING
16	PRASAD KINDRE	COST CONTROL AND COST REDUCATIUN
17	AKSHADA KHARAT	A STUDY ON BUDGET AND BUDGETARY CONTROL

Senita

Payashree Aramans





RAJMATA JIJAUSHIKSHAN PRASARAK MANDAL'S
ARTS, COMMERCE & SCIENCE COLLEGE


BHOSARI, PUNE-411039


{ Affiliated to Savitribai Phule Pune University }


CERTIFICATE

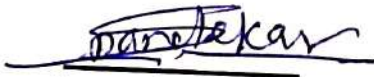
This is to certify that **THORAVE SURAJ HANUMANT** a student of Mater of Commerce has satisfactory completed the project titled " **COST CONTROL & COST REDUCTION** " as per the syllabus laid down by the Savitribai Phule Pune University during the academic year 2022-2023 and entered up her project here for currently and correctly.

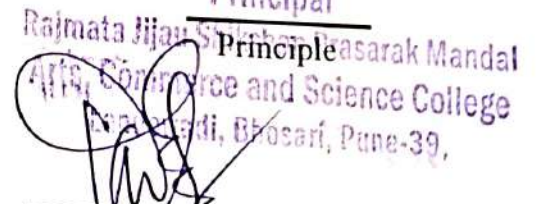
Exam Seat No :-


Project Guide


Head Of Dept


Principal


Internal Examiner


External Examiner

Rajmata Jijau Shikshan Prasarak Mandal
Arts, Commerce and Science College
Landewadi, Bhosari, Pune-39,





RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

Arts, Commerce & Science College

Opp. Amphenol Company, Near DattaMandir,

Landewadi, Bhosari, Pune-39.

Phone : (020) 27124910, 27124338, Fax: 27126695

E-mail: rajmata_college@yahoo.co.in web: www.rjspm.org

CERTIFICATE

This is to certify that the project report titled
"APPLICATION OF ACTIVITY BASED COSTING"

REDIANCE POLYMERS is prepared by
MS.MEERA BALIRAM MORE student of Master of Commerce, has successfully
& satisfactorily carried out the project work.

The project is submitted in partial fulfillment of BBA in the academic year
2022-23 as per the rules of the **SAVITRIBAI PHULE PUNE UNIVERSITY**.

(Prof. Sunil Dandekar)

Project guide

(Dr. Ashok Patil)

Principal

INTERNAL EXAMINER



EXTERNAL EXAMINER

Place :- Bhosari, Pune

Date :- 29/05/2023



YEAR 2022-2023

RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

ARTS, COMMERCE & SCIENCE COLLEGE

BHOSARI, PUNE-411039

(Affiliated to Savitribai Phule Pune University)

CERTIFICATE

This is to certify that MISS **PRATIKSHA PRALHAD KADAM**, a student of master commerce has satisfactory completed the project titled "A STUDY OF PRO-CEES COATING" as per the syllabus laid down by the savitribai phule pune university during the academic year 2022-2023 and entered up her projects here for currently and correctly.

Exam Seat No:

Pardekar

Project Guide

Bemani

Head of Dept

Amey

Principal

[Signature]

External Examiner

[Signature]

Internal Examiner





RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ARTS, COMMERCE & SCIENCE COLLEGE
BHOSARI, PUNE – 411039
{Affiliated to SavitribaiPhule Pune University }

CERTIFICATE

This is to certify that PALVE PRITI NANDKISHOR a student of Mater of Commerce has satisfactory completed the project titled "BUDETARY CONTROL SYSTEM" as per the syllabus laid down by the SavitribaiPhulePune University during the academic year 2022 – 2023 and entered up her project here for currently and correctly.

Exam Seat No :- _____

Project Guide

Head of Dept

Principal

Internal Examiner

External Examiner





Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Degree Program in Biotechnology

(Faculty of Science & Technology)

Revised Syllabi for

M.Sc. (Biotechnology) Part-I

(For Colleges Affiliated to Savitribai Phule Pune University)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020



Semester III

Course code	Course Title	Credits
Core Compulsory Theory Papers (CCTP)		
MBT- 301	Animal & Stem Cell technology	4 Credits
MBT- 302	Bioprocess engineering	4 Credits
MBT- 303	Bioinformatics & Biostatistics	4 Credits
Core Compulsory Practical Course : CCP-1		
MBT - 304	Laboratory Course IV- Animal Biotechnology, Bioprocess engineering & Bioinformatics & Biostatistics	4 Credits
Choice Based Optional Papers: CBOP (any One)		
MBT - 305	Nano Biotechnology	4Credits (2T + 2P)
MBT - 306	Agricultural Biotechnology	4 Credits (2T + 2P)
Total		20 Credits

Semester IV

Course code	Course Title	Credits
Core Compulsory Theory Papers (CCTP)		
MBT- 401	Genomics and Proteomics	4 Credits
MBT- 402	Advanced Bio analytical Techniques	4 Credits
Core Compulsory Practical Paper : CCP-1		
MBT- 403	Research Project	4 Credits
Choice Based Optional Papers: CBOP (any Two)		
MBT - 404	Bio entrepreneurship & Start up Designing	4Credits
MBT - 405	Pharmaceutical Biotechnology & Drug Designing	4 Credits
MBT - 406	Research Methodology & Scientific Communication	4 Credits
MBT - 407	Quality Control, Bio safety & Bioethics	4 Credits
Total		20 Credits



Savitribai Phule Pune University
M. Sc. II Biotechnology (CBCS Semester Pattern) Semester IV
Revised syllabus wef. June 2020

Subject Code: MBT- 403

Subject : Research Projects
(4 Credit Course)

Project work , Thesis Submission & presentation

- Project work / Thesis / Dissertation shall be carried out under the supervision of a qualified teacher in the concerned Department./Research Institute/Industry
- Project work / Thesis / Dissertation shall be pursued for a minimum of 12 weeks during the final semester, following the preliminary plan of work carried out in during the previous semester.
- The Project Report/Thesis / Dissertation report is to be prepared as per standard scientific research methodology and duly signed by the supervisor(s) and the Head of the Department shall be submitted to the concerned department.
- The assessment (Internal and external) of the project work will be as per SPPU guidelines.



Savitribai Phule Pune University

Faculty: Science & Technology M.Sc.Biotechnology (SEM IV)
(2019 Pattern)
BBt: 608 Project

Time: 3Hrs

Total Marks: 70

1. Knowledge of underlying principles (10M)
2. Literature Review (10M)
3. Objective & Significance (10M)
4. Level of proficiency acquired in the respective skill:
(Each of the following point carries 10 points)
 - a. Operational skills related to instruments (10M)
 - b. Procedural skills (10M)
 - c. Precision (accuracy) (10M)
 - d. Quality of work accomplished (10M)



Semester VI

Course code	Course Title	Credits	Number of Lectures	Marks
BBt-601	Enzyme and Enzyme Technology	2 Credits	30	50 (35 External +15 Internal)
BBt-602	Agriculture Biotechnology	2 Credits	30	50 (35 External +15 Internal)
BBt-603	Applied Biotechnology II	2 Credits	30	50 (35 External +15 Internal)
BBt-604	Food and Pharmaceutical Biotechnology	2 Credits	30	50 (35 External +15 Internal)
BBt-605	Bioinformatics	2 Credits	30	50 (35 External +15 Internal)
BBt-606	Bio safety and Bioethics and IPR	2 Credits	30	50 (35 External +15 Internal)
BBt-607 & 608	SEC – III & SEC – IV : Project	4 Credit	60	100 (70 External +30 Internal)

PRACTICAL

BBt-609	Practical in Enzyme Technology	2 Credits	15 P	50 (35 External +15 Internal)
BBt-610	Practical in Agriculture Biotechnology and Bioinformatics	2 Credits	15 P	50 (35 External +15 Internal)
BBt-611	Practical in Food and Pharmaceutical Biotechnology	2 Credits	15 P	50 (35 External +15 Internal)
Total Credit (Theory + Practical)		22 Credit		



Savitribai Phule Pune University

Faculty: Science and Technology T. Y. BSc Biotechnology (Sem - V)

**BBt: 508 Project Formulation and Presentation
(Practical Exam Nov 2023) (2019 Pattern)**

Time: 3 Hours

Max Marks 35

Q1

[25M]

- a) Topic selected [05M]
- b) Aims & objective and Significance [05M]
- c) Literature review [05M]
- d) Plan of work [10M]

Q5. Viva-voce

[10M]



**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce and Science College, Bhosari, Pune-39
Department of Biotechnology**

Date: 02/02/2023

NOTICE

This is to notify that all M.Sc. II (SEM IV) students are required to submit the title of project & detailed project work plan to their respective guide.



**Head
Dept. of Biotechnology**



**Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce and Science College, Bhosari, Pune-39
Department of Biotechnology**

Date: 18/04/2022

NOTICE

This is to notify that all T.Y.B.Sc. (SEM-VI) students are required to submit the title of project & detailed project work plan to their respective guide.



Head,

Dept. of Biotechnology



RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

ARTS, COMMERCE AND SCIENCE COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

M.Sc. II Biotechnology Academic 2022-23

Sr.No.	Student Name	Project Title	Place of work
1	Aghav Haripriya Kundlik	Extraction of bromelin enzyme from pine apple and banana, to hydrolyse protein fraction isolated from milk and its anti-bacterial activity	RJSPM's ACS college, Bhosari.39
2	Bade Ganesh Laxman	effect of modafinil drug on chick embryo development	annasaheb awate college, manchar, pune 410504
3	Bhor Aniket Shankar	preparation and characterisation of biodegradable plastic from corn starch	annasaheb awate college, manchar, pune 410504
4	Bilewar Vaishanvi Santosh	isolation, purification and characterisation of alpha amylase from Bacillus subtilis	RJSPM's ACS college, Bhosari.39
5	Dhumal Snehal Subhash	comparative studies on different forms of haritaki employing invitro antioxidant and phytochemical screening .	RJSPM's ACS college, Bhosari.39
6	Dukare Akshay Dattatray	comparative study of nutrient value of vermicompost and ordinary compost for same proportion of waste	RJSPM's ACS college, Bhosari.39
7	Gopi Chelasani	isolation of endophytic bacteria from Jasminum species, doing preliminary and biochemical characterization on isolates	RJSPM's ACS college, Bhosari.39
8	Govindwad Pritee Prakash	isolation, characterization and identification of microorganisms from spoilt fruit and vegetable	RJSPM's ACS college, Bhosari.39
9	Jagtap Yuvraj Limbraj	phytochemical analysis and antimicrobial activity of Guava leaves extract and green synthesis of silver nanoparticles	RJSPM's ACS college, Bhosari.39
10	Joshi Mugdha Anil	comparative antimicrobial study of Sariva: roots of Hemidesmus indicus and Decalepis hamiltonii by synthesizing copper nanoparticles.	RJSPM's ACS college, Bhosari.39
11	Kade Aniket Devendra	phytochemical analysis and antifungal activity of Moringa oleifera	RJSPM's ACS college, Bhosari.39
12	Kokane Ruchika Sanjay	Effect of fermentation by various microorganisms on fruit juice of Limmonia acidissima and comparative analysis.	RJSPM's ACS college, Bhosari.39
13	Koli Harshada Ashok	of PSB and N2 fixing bacteria from soil & Quantitative analysis of plant growth	RJSPM's ACS college, Bhosari.39

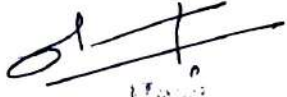


[Signature]
Head

Department of Biotechnology
RJSPM'S College of ACS
Bhosari, Pune-39.

14	Kudtarkar Sujata K Santosh	Comparative study on antimicrobial activity and phytochemical properties of C. roseus and N. oleander	RJSPM's ACS college, Bhosari.39
15	Lali Babudhan Mehta	Green synthesis of silver nanoparticles.	RJSPM's ACS college, Bhosari.39
16	More Asmita Vilas	spectrophotometric evaluation of a marker enzymes from textile effluent treated fresh water fish Xenentodon cancila	RJSPM's ACS college, Bhosari.39
17	Naik Shubhangi Ajay	Production and purification of xylanase enzyme from wheat bran by an bacillus subtilis species	RJSPM's ACS college, Bhosari.39
18	Nilkhan Amol Dnyaneshwar	Antimicrobial activity of plant extract and its phytochemical analysis.	RJSPM's ACS college, Bhosari.39
19	Pawar Harshada Suryakant	Isolation and characterisation of PSM from rhizosphere soil and their effect on plant growth	RJSPM's ACS college, Bhosari.39
20	Pawar Shivani Prashant	Extraction, purification and characterization of keratin from chicken feathers	RJSPM's ACS college, Bhosari.39
21	Ranher Pooja Vishnu	Phytochemical Analysis and determination of Bioactive components from leaves, fruit, seed of Aegle Marmelos.	RJSPM's ACS college, Bhosari.39
22	Sakhare Swapnali Vaishishtha	Assesment of angiogenic potential of mesenchymal stem cell secretome obtained from human exfoliated deciduous teeth in chick yolk sac membrane model	RJSPM's ACS college, Bhosari.39
23	Savalwade Siddhant Anil	Phytochemical analysis of carica papaya (leaf) & its antifungal and antimicrobial screening	RJSPM's ACS college, Bhosari.39
24	Shinde Anita Gajendra	Isolation and purification of soyabean peroxidase and its application in waste water treatment.	RJSPM's ACS college, Bhosari.39




 Department of Biotechnology
 RJSPM'S College of ACS
 Bhosari, Pune-39.

RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

ARTS, COMMERCE AND SCIENCE COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

T.Y.B.Sc. Biotechnology Academic 2022-23


Sr	Student name	Project title	In Campus
1	Anant Shinde	Quantitative analysis of secondary metabolites of <i>Withania somnifera</i> .	RJSPM's ACS college, Bhosari.39
2	Subhana Chaudhari	Effect of salinity on plant growth.	RJSPM's ACS college, Bhosari.39
3	Sanskriti Daphal	Production of bioplastic.	RJSPM's ACS college, Bhosari.39
4	Dipak Kawale	Cultivation of spirulina culture for preparation of biofertilizer.	RJSPM's ACS college, Bhosari.39
5	Varun Gaikwad	Isolation of microorganisms from soil sample.	RJSPM's ACS college, Bhosari.39
6	Ravita Hatmode	Isolation of PSB (Phosphate solubilizing bacteria) from soil.	RJSPM's ACS college, Bhosari.39
7	Supriya Khirsagar	Phytochemical analysis and flavonoid test	RJSPM's ACS college, Bhosari.39
8	Sraddha Kulkarni	Secondary metabolites from <i>Tinospora cordifolia</i> .	RJSPM's ACS college, Bhosari.39
9	Rashmita Nayak	Microbial consumed activity from vegetable peels.	RJSPM's ACS college, Bhosari.39
10	Akansha Phuge	Effect of caffeine on Plant growth.	RJSPM's ACS college, Bhosari.39
11	Kiran Salve	Production biofuel from green algae.	RJSPM's ACS college, Bhosari.39
12	Avinash Shivsharan	Biological oxygen demand.	RJSPM's ACS college, Bhosari.39
13	Pooja Waghmare	Antibiotic resistance of E.coli isolated from goat meat.	RJSPM's ACS college, Bhosari.39
14	Sneha Bhosale	Isolation of GST & GR enzyme from liver of fresher water fish <i>X.cancila</i> treated with textile industrial effulent.	RJSPM's ACS college, Bhosari.39
15	Kirti Mundhe	Phytochemical analysis & antimicrobial activity of <i>Typha latifolia</i> .	RJSPM's ACS college, Bhosari.39



Department of Biotechnology
RJSPM'S College of ACS
Bhosari, Pune-39.

16	Sarthak Landge	Phytochemical analysis of <i>Annova squamosa</i> .	RJSPM's ACS college, Bhosari.39
17	Jyoti Dabhade	Phytochemical detection test and antimicrobial activity of Adulsa extract.	RJSPM's ACS college, Bhosari.39
18	Pratiksha Bhidave	Isolation,detection and identification of <i>lactobacillus plantarum</i> from cucumber sample.	RJSPM's ACS college, Bhosari.39
19	Shruti Karn	Identification of biomarkers associated with Ovarian cancer.	RJSPM's ACS college, Bhosari.39
20	Vineet Kadam	Isolation of probiotic bacteria from curd sample.	RJSPM's ACS college, Bhosari.39




 Head
 Department of Biotechnology
 RJSPM'S College of ACS
 Bhosari, Pune-39.

RajmataJijauShikshanPrasarakMandal'sArts,
Commerce & Science Collage,

Landewadi,Bhosari,Pune

DepartmentofBiotechnology

Rajmata Jijau shikshan prasarak Mandal's

Arts,commerece & Science college,

Landewadi,Bhosari,pune.

CERTIFICATE

purification and characterization of α amylase form Bacillus subtilis'' for the year 2022-2023.this project is done under my guidance and supervision with the best knowledge: this project is done under my guidance for degree M .Sc Biotechnolog

Ms.Vaishnavi Santosh Bilewar

Exam no:

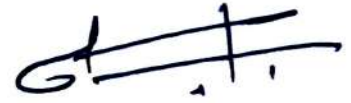
Place – Landewadi,bhosari,pune.

Date:



Project guide

Ms sarita Hupare



Head of department

Prof. sachin chavan



External Examiner

Department Of Biotechnology

CERTIFICATE

This is to certify that ,the following student has submitted this entitled” *Extraction of bromelain enzyme from pineapple and banana fruit and comparative analysis of hydrolysis of buffalo milk by extracted enzyme with its antibacterial activity* for the year 2022 – 2023 . This project is done under my guidance and supervision with the best knowledge; this is original work and submitted for degree M.Sc. Biotechnology in.

Name -Haripriya Aghav

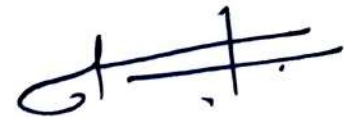
Exam no. –

Place – Landewadi,Bhosari

Date –

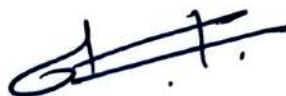
Under Guidelines

Prof. Sheetal Chaudhary



Head of Department

Prof. Sachin Chavan



External Examiner

Rajmata Jijau Shikshan Prasarak Mandal's

Arts, Commerce & Science Collage,

Landewadi, Bhosari, Pune.

Department of Biotechnology

CERTIFICATE

This is to certify that, the following student has submitted this project entitled "Phytochemical Analysis of *Carica papaya* (Leaf) and Its Antibacterial and Antifungal Screening" for the year 2022-2023. This project is done under my guidance and supervision with the best knowledge; this is original work and submitted for degree M.Sc. Biotechnology in

Mr. Siddhant Anil Savalwade

Exam no:-

Place- Landewadi, Bhosari, Pune.

Date:-



Project guide

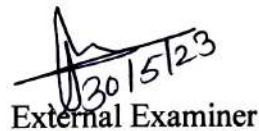
Asst Prof. Mrs. Komal Umbare



Head of Department

Prof. Sachin Chavan




30/5/23
External Examiner

Rajmata Jijau Shikshan Prasarak Mandals
Arts, Commerce & Science College,
Landewadi, Bhosari,pune.

DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certify that Mr.Aniket Shankar Bhor has successfully completed the project entitled "**Preparation and Characterization of Biodegradable Plastic from Corn Starch** " as a part of Masters in Biotechnology curriculum under the guidance of Mr. Dyaneshwar Ingole at Annasaheb Awate College Arts,Commerce & Science Manchar as laid down by the Savitribai Phule Pune University for the academic year 2022-23.


Project Guide

prof.Mrs. Komal Umbare



External Examiner



Head of Department

Prof.Sachin Chawan

RAYAT SHIKSHAN SANTHA'S
ANNASAHEB AWATE ARTS COMMERCE
&SCIENCE COLLEGE MANCHAR
TAL. AMBEGAON DIST. PUNE



CERTIFICATE

DEPARTMENT OF BIOTECHNOLOGY

**This is to certify that Mr. ANIKET SHANKAR BHOR has
successfully completed the project entitled
“Preparation and Characterization of
Biodegradable Plastic from Corn Starch” for Msc
Biotechnology under the guidance of Mr. Dyneshwar
Ingole, for the academic year 2022-23.**


Head of department

HOD
Department of Biotechnology
Anasaheb Awate College, Manchar


Guide Teacher

Rajmata Jijau Shikshan Prasarak Mandals
Arts, Commerce & Science College,
Landewadi, Bhosari,pune.

DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certify that Mr.Ganesh Laxman Bade. has successfully completed the project entitled “**Effect of Modafinil Drug on Chick Embryo Development** ” as a part of Masters in Biotechnology curriculum under the guidance of Mr. Dyaneshwar Ingole at Annasaheb Awate College Arts,Commerce & Science Manchar as laid down by the Savitribai Phule Pune University for the academic year 2022-23.



Project Guide

Mrs.Sarita Hupare



Head of Department

Prof.Sachin Chavan



External Examiner

RAYAT SHIKSHAN SANTHA'S
ANNASAHEB AWATE ARTS COMMERCE
&SCIENCE COLLEGE MANCHAR
TAL. AMBEGAON DIST. PUNE



CERTIFICATE

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that Mr. Ganesh Laxman Bade has successfully completed the project entitled “Effect of Modafinil Drug on Chick Embryo Development” for Msc Biotechnology under the guidance of Mr. Dyneshwar Ingole, for the academic year 2022-23.


Head of department

HOD
Department of Biotechnology
Annasaheb Awate College, Manchar


Guide Teacher

Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science Collage,
Landewadi, Bhosari, Pune.

Department of Biotechnology

CERTIFICATE

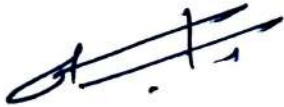
This is to certify that, the following student has submitted this project entitled "Compaitive Study of Nutrient Value of Ordinary Compost and Vermicompost for Same Propertion of Waste" for the year 2022-2023. This project is done under my guidance and supervision with the best knowledge; this is original work and submitted for degree M.Sc. Biotechnology in

Mr. Akshay Dattatray Dukare

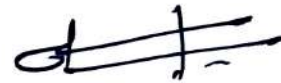
Exam no:

Place- Landewadi, Bhosari, Pune.

Date:



Project guide
Prof. Sachin Chavan



Head of Department
Prof. Sachin Chavan



External Examiner

RJSPM's
College of Arts, Science & Commerce,
Pune.

CERTIFICATE

This is to certify that MISS. SANSKRUTI RAJU DAPHAL is a bonafide student of our college pursuing her Bachelors degree in Biotechnolog during the academic year 2022-2023. She has carried out her Project under the guidance of Dr. Rutika Jagtap towards the completion of the Project entitled-

**BIOPLASTIC PRODUCTION FROM VEGETABLE (POTATO)
STARCH & INVESTIGATION OF ITS BIODEGRADABILITY.**

During the tenure of six months, she has carried out field, laboratory Analysis pertaining to the above mentioned topic.

Date: 30 June 2023

Seat No. :- 941

Place: Pune


Project Guide


Head Of Department

Department of Biotechnology
2022-2023

RJSPM's
College of Arts, Commerce and Science
Pune.

CERTIFICATE

This is to certify that **Mr. Gopi Chelasani** is a bonafide student of our college pursuing his Masters in Biotechnology during the academic year 2022-2023. He has carried out his project under the guidance of Prof. Sachin Chavan towards the completion of the project entitled: -

ISOLATION OF BACTERIAL ENDOPHYTES FROM PLANTS OF JASMINUM SPECIES, DOING PRELIMINARY CHARACTERIZATION AND BIOCHEMICAL TESTING ON ISOLATES.

During the tenure of four months, he has carried out field, laboratory analysis pertaining to the above mention topic.

Date: 29th May 2023

Place: Pune



Examiner

(External)



Project Guide



Head of Department

Department of Biotechnology
2022-2023

RJSPM's
College Of Arts Commerce & Science,
Pune

CERTIFICATE

This is to certify to that Miss. PRATIKSHA ANAND BHIDAVE. seat no. is a bonafide student of our college pursuing her Bachelors of Biotechnology during the academic year 2022-2023. She has carried out her project under the guidance of prof. Sheetal Mhaske towards the completion of the project entitled-

Isolation, Detection And Identification Of Lactobacillus Plantarum Bacteria from cucumber fermented sample.

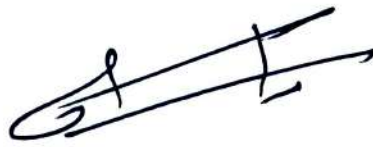
During the tenture of six months, she has carried out field , laboratory, Analysis pertaining to the above mentioned topic.

Date: 30/06/2023

seat no - 952

Place: Pune


Project Guide


Head Of Department

Department Of Biotechnology

2022-2023

Certificate

That is to certify that ,the following student has submitted this project entitled **“Isolation, characterization and identification of microorganisms from spoiled fruit and vegetable.”** for the year 2022-2023.This project is done under my guidance and supervision with the best knowledge; this is original work and submitted for degree Submitted by:

Name :- Pritee Govindwad

Exam No.:-

Place:-Landewadi, Bhosari, Pune.

Date:



Project guide

Prof. Komal Umbare.



Head of Department

Prof. Sachin Chavan



External Examiner



राजमाता जिजाऊ शिक्षण प्रसारक मंडळाचे,
कला, वाणिज्य व विज्ञान महाविद्यालय,
लांडेवाडी, भोसरी, पुणे - ३९

दि. - 11/04/2023

- सूचना -

तृतीय वर्ष कला इतिहास स्पेशल विषयाच्या सर्व विद्यार्थ्यांना सुचित करण्यात येते की, इतिहास स्पेशल पेपर तीन (S3) उपयोजित इतिहास या विषयासाठी 30 मार्कांचा प्रकल्प अभ्यास (प्रोजेक्ट) तयार करण्याविषयी सर्वांना सूचना दिलेली आहे. त्यानुसार आपला रफ प्रोजेक्ट तयार करून गुरुवार दिनांक 20 एप्रिल 2023 रोजी डॉ. श्रेया दाणी यांच्याकडून चेक करून घ्यावा. यानंतर आलेल्या प्रोजेक्टचा विचार केला जाणार नाही. याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.


Subject Teacher


HOD


Principal
Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce and Science College
Landewadi, Bhosari, Pune-39.





SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

T.Y.B.A. Economics Syllabus

(Choice Based Credit System and Semester System)

**Revised Syllabus will be implemented with effect from the
academic year 2021-2022**

T.Y.B.A. Economics

(Sem V & VI)

Semester	Paper Name	Subject Code	Title of the Paper
V	Economics General - III		Indian Economic Development- I
	Economics Special - III		International Economics-I
	Economics Special - IV		Public Finance- I
	Skill Enhancement Course (SEC-3A)		Business Management- I
VI	Economics General - III		Indian Economic Development- II
	Economics Special - III		International Economics- II
	Economics Special - IV		Public Finance- II
	Skill Enhancement Course (SEC-3A)		Business Management- II (Project Report)



Savitribai Phule Pune University, Pune

Faculty of Humanities

T.Y.B.A. in History

Choice Based Credit System Syllabus

To be implemented from the Academic Year 2021-2022

Savitribai Phule Pune University, Pune.

Faculty of Humanities

Structure of Choice Based Credit System for Undergraduate Program to be Implemented from Academic Year 2021-2022

Subject: - T.Y.B.A. History Structure Academic Year 2021-2022

Semester	Core Courses (CC)	Skill Enhancement Course (SEC)	Discipline Specific Elective Courses (DSE)
V	CC- 3(3) Indian National Movement (1885-1947) <hr/> History of Civilization – World Civilization Part I	SEC 2 C (2) 9.South Indian Art and Architecture 10.Research Paper Writing 11.Museology	DSE-3 C (3) +1 7.Introduction to Historiography
			DSE-4 D (3)+1 8.Maharashtra in the 19 th Century
			OR 9.Constitutional Developments in India 1773 to 1853
VI	CC- 4(3) India After Independence- (1947-1991) <hr/> History of Civilization –World Civilization Part II	SEC 2 D (2) 12. Heritage management 13.Archaeology 14.Numismatics	DSE-3 C (3)+1 10 Applied History
			DSE-4 D (3)+1 11 Maharashtra in the 20 th Century OR Constitutional Developments in India 1858 to 1950

Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C) -(3 + 1 Credit)
Semester -VI, Course Title: Applied History

Course objectives:

- 1) To Introduce students to information and importance of Applied History.
- 2) To help students understand the usefulness of history in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.
- 3) To inform the students about the historical significance of Archaeology and Archives and the opportunities in the field of Archaeology and Archives through this course.
- 4) To inform the students about the opportunities in the field of Media, Museums through this Course.

Course Outcomes:

1. Students will be introduced to the information and importance of applied history.
2. Student will learn about the Historical significance of Archaeology and Archives and opportunities in the field of Archaeology and Archives.
3. Through this course, students will be informed about the opportunities in the field of Media, Museums.
4. Students will learn about the usefulness of history in the 21st Century, its changing Perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I. Applied History

- a. Applied History: Concept and Application
- b. Application of History in Various Subjects
- c. Co-relationship between Past and Present
- d. Contemporary History: Meaning and Nature

14



Unit-II. Archaeology and Archives

15

- a) Archaeology and Archives: Definition and Development in India
- b) Archival Sources: Ancient, Medieval and Modern- A brief survey
- c) Heritage Sites: Types, Preservation and Conservation
- d) Historical Importance of Heritage Sites and Museums

Unit-III. Mass Media and Applied History

16

- a) Mass Media: Meaning and Types
- b) Print media:
 - i). Establishment and growth of printing press in India
 - ii). Newspaper: Definition, Rise, Newspaper in India - A brief survey
- c) Electronic media: Radio, Television, E-media.

Unit-IV: Project Work /Study Tour Report/Historical Places Visit Rreport

Project work and Evaluation scheme

1. Candidate shall submit Project report of minimum 2000 words i.e.10 to12 pages (Should be DTP) to the department by end of the Semester.
2. A viva-voce should be conducted before theory examination and the results should be sent to the University as immediately
3. The Distribution of Marks – For Report Writing 20 Marks and for Vice-Voce 10 Marks

Reference Books

English

- 1) Bajaj Satish K, Research Methodology in History, Amol Pub Pvt.Ltd, New Delhi.
- 2) Bobade Bhajang R., Manuscriptology from Indian Sources, Pacific Publication, Delhi.
- 3) Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
- 4) Chitnis K.N., Research Methodology in History, Navi Path, Pune1979.
- 5) Collingwood R.G., The Idea of History, Oxford university,1961.
- 6) Datta.K.B., Mass Media in India, Akansha Publishing House, New Delhi,2005.
- 7) Director General, Archaeological Remains, Monuments and Museums Part1&2, Archaeological Survey of India, New Delhi, 1964.
- 8) Gaur.M. M., Electronic Media, Omega Publication, Delhi, 2006.

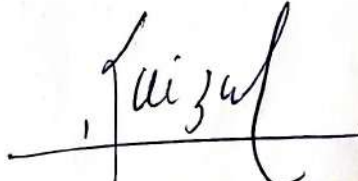


T.Y.B.A. History Project List (Applied History -36171)

Academic Year -2022-23

Sr.No	Name of the Student	Name of the Project
1	Munde Abhijit Manohar	Shivneri Fort
2	Bansod Aniket Gajanan	Shanivar Wada
3	Chandorikar Snadesh Sudhakar	Savitribai Phule Pune University
4	Dabhade Sangram Wageshwar	Ratangad Fort
5	Dere Prachi Anil	Agakhan Palace
6	Depali Soni Siddappa	LalaKilla
7	Gopale Akshay Sandeep	Ajinkyatara Killa
8	Ingale Abhijit Bhagwan	Ajinkyatara Killa
9	Jadhav Pranav Ankush	Kilhe Shivneri
10	Jadhav Shiddhesh Vishnu	Kilhe Pratapgad
11	Kadam Dhanshree Ganesh	Kilhe Purandar
12	Kalje Saurbha Shubhas	Kilhe Harishchandra Gad
13	Khote Kishan Raosaheb	Kilhe Singhgad
14	Mahajan Mukesh Sanjay	Kilhe Singhgad
15	Marne Maithili Yogesh	Keshhriwada
16	Mugeeb Yunus Gole	Kilhe Shivneri
17	Mane Swati Ramchanra	Agakhan Palace
18	Tapkir Sahil Vijay	Kilhe Shivneri
19	Takhur Darshan Sayaji	Krantitirth Chafekar Wada Smarak


(Dr. Dani Shreeya)


HOD.



M. A. Economics Project List (EC-4003 Research Methodology)

Academic Year -2022-23

Sr.No	Name of the Student	Name of the Project
1	Bhor Ujwala Vikas	Comparative Study of Housing Loan Schemes of Banks and Financial Institutions
2	Patil Priti Prabhakar	The Economical and Social Life of Migrated Labours in Chakan MIDC
3	Sharma Jyotibala Kimtilal	Implementation and Impact of Agriculture contingency Plan, District Latur
4	Shingote Sachin Vitthal	A Study of Changes in Indian Economy and Its Impact
5	Ingale Shryes Mahesh	The Estimation and Anyalysis of Volatility of Nifty 50 Returns Post COVID



T.Y.B.A. Economics Project List (Research Methodology -36154)

Academic Year -2022-23

Business Management- II (Project Report)

Sr.No	Name of the Student	Name of the Project
1	Sheetal Chandrant Bhavari	Skill Enchantment Course
3	Vaishnavi Mahadev Dunadhav	Skill Enchantment Course
4	Ashwini Dattatray Indore	Skill Enchantment Course
5	Pawan Pandhari Sarode	Cotton Production
6	Ruchika Nandkishor Nikumbha	Skill Enchantment Course
7	Pallavi Sanjay Varpe	Skill Enchantment Course
8	Neha Saudagar Aware	Skill Enchantment Course
9	Shweta Samadhan Ghavane	Skill Enchantment Course
10	Gaurav Rajendra Ghavande	Tech Mahindra skill
11	Yash Sambhaji Shirsath	Human Resource Development Methods
12	Pragati Rajendra Auti	Wheat Production
13	Aaisha Mehaboob Hingani	Milk Production
14	Sakshi Babaji Ghenand	Factors Affecting production
15	Sanskruti Pappu Sathe	Problems and Remedial schemes in Sugar Industry
16	Savita Balu Pawar	Agriculture Productivity Market committee
17	Sandip Sunil Kamble	Amazon Company



Saijal
HOD

Prof. Mandhara Minakshi

18	Shraddha Manohar Dharmadhikari	Bajaj Finance Loan Information
19	Sakshi Omkar Gupta	Product Marketing Management
20	Archana Baban pawar	Skill Enchantment Course
21	Rahul Shankar Rathod	Skill Enchantment Course
22	Ajay Shivaji Lokhande	Textile Production
23	Harshal Sanjay Patil	Schemes to be provided to prevent Accidents during production operations in the organization
24	Aditi Sakharam Kale	Spice Industry

Jaiyul
HOD

Reinakscei
Prof. Mandhare minakshi





Rajmata Jijau Shikshan Prasarak Mandal
ARTS, COMMERCE AND SCIENCE COLLEGE
LANDEWADI BHOSARI, PUNE - 411 039.

CERTIFICATE

THIS IS TO CERTIFY THE PROJECT ENTITLED IS SUCCESSFULLY DONE BY SACHIN VITTHAL SHINGOTE DURING M.A. SECOND YEAR FOURTH SEMESTER FROM RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ARTS, COMMERCE AND SCIENCE COLLEGE, LANDEWADI, BHOSARI PUNE-411 039.

COORDINATOR

PROJECT GUIDE

PRINCIPAL

INTERNAL EXAMINER

EXTERNAL EXAMINER



Date:

Place:

मार्गदर्शकाचे प्रमाणपत्र



प्रमाणित करण्यात येते की, कु. दर्शन सयाजी ठाकुर या विद्यार्थ्याने आमच्या महाविद्यालयात तृतीय वर्ष कला इतिहास स्पेशल पेपर-३ या विषयासाठी माझ्या मार्गदर्शनाखाली संशोधन पूर्ण केले असून प्रत्यक्ष माहितीच्या जवळ जाण्याचा प्रयत्न केला आहे. या संशोधनासाठी वापरलेले संदर्भग्रंथ, साहित्याचा निर्देश अहवालात आहे. प्रस्तुत संशोधन कार्य समाधानकारक आहे.

डॉ. श्रेया दाणी मॅडम
मार्गदर्शक



बहिस्थ परीक्षक

10/5/2023

प्राचार्य



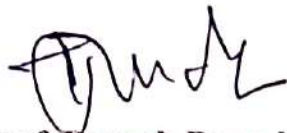



CERTIFICATE

Rajmata Jijau Shikshan Prasarak Mandal's
Arts, commerce & science college
Landewadi, Bhosari, Pune-411039
Savitribai Phule Pune University, India

This is to certify that **Shreyas Mahesh Ingale** has carried out this research work embodied in the present dissertation entitled “**The Estimation and Analysis of Volatility of Nifty 50 Returns Post Covid**” in partial fulfillment of the requirements for the award of Master in Economics degree. This dissertation is original and independent work and does not constitute part of any material submitted for any research degree here or elsewhere.




(Prof. Deepak Pawade)
Research Guide


12/08/2023

Savitribai Phule Pune University
T.Y.B.Sc. (Computer Science) - Sem - VI
Course Type: SECC - IV Course Code: CS - 3611
Course Title : Project

Teaching Scheme 03 Lect/ week/Batch Batch Size : 20	No. of Credits 2	Examination Scheme IE : 15 marks UE: 35 marks
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Project Guidelines:

- Students should work in a team of minimum 3 and maximum 4 students.
- Students can choose a project topic and implement the same using any language/technology covered in the curriculum so far. The operating environment must be linux.
- The student group will work independently throughout the project work including: problem identification, information searching, literature study, design and analysis, implementation, testing, and the final reporting.
- Project guide must conduct project presentations (minimum 2) to monitor the progress of the project groups.
- At the end of the project, the group should prepare a report which should conform to international academic standards. The report should follow the style in academic journals and books, with clear elements 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.
- The final project presentation with demonstration (UE) will be evaluated by the project guide (appointed by the college) and one external examiner (appointed by the University).

Recommended Documentation contents:

Abstract

Introduction

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

System analysis

- 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: Using OOSE
- Data Model
- User interfaces

Implementation details

- Software/hardware specifications

Outputs and 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

Project Related Assignments

Guidelines:

- The project assignments are a compulsory part of the project course and should be carried out by each project group.
- Project assignments are to be given by the guide for continuous internal evaluation.
- The project assignments are to be allotted to each group separately by the project guide on the basis of the implementation technology. A suggested list of assignments is given below.
 1. Project Time management: plan (schedule table), Gantt chart, Roles and responsibilities, data collection, Implementation
 2. Simple assignments to evaluate choice of technology
 3. Assignments on UI elements in chosen technology
 4. Assignments on User interfaces in the project
 5. Assignments on event handling in chosen technology
 6. Assignments on Data handling in chosen technology
 7. Online and offline connectivity
 8. Report generation
 9. Deployment considerations
 10. Test cases
- Each student within the group must work actively and contribute to the assignments, project work and report writing.

Evaluation guidelines:

IA (15 marks)			UE (35 marks)		
First presentation	Second presentation	Assignments	Project Logic/ Presentation	Assignments and Project Documentation	Viva
05	05	05	20	10	05

**RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ACS COLLEGE,
LANDEWADI, BHOSARI
DEPARTMENT OF COMPUTER SCIENCE**

**CLASS: T.Y.B.Sc(CS)
SUB:- CS-3611 (PROJECT)**

ROLL NO	NAME OF STUDENT	PROJECT NAME	FRONT END	BACK END
1	AHER SACHIN DHONDIBHAU	FOOD ORDER SYSTEM	PHP	PGSQL
2	BANGARI AJAY BHIMASU	ART GALLERY MANAGEMENT SYSTEM	JAVA	PGSQL
3	BASWAR OMKAR BAJIRAO	ONLINE ELECTRONIC SERVICES MANAGEMENT SYSTEM	PHP	PGSQL
4	BHALEKAR PRANALI SHRIDHAR	PHONEBOOK MANAGEMENT SYSTEM	JAVA	PGSQL
5	BHALERAO SAHIL SANJAY	EVENT MANAGEMENT SYSTEM	PHP	PGSQL
6	BHENKI PRAGATI SANJAY	RETAIL BILLING SYSTEM	JAVA	PGSQL
7	BHOR PRASAD SANTOSH	ONLINE EXAMINATION SYSTEM	PHP	PGSQL
8	BORHADE PRATIK SAMBHAJI	ONLINE EXAMINATION SYSTEM	PHP	PGSQL
9	BORHADE SNEHAL BALASAHEB	ONLINE EXAMINATION SYSTEM	PHP	PGSQL
10	CHAUDHARI SHIVAM NITIN	FOOD ORDER SYSTEM	PHP	PGSQL
11	DALVI DIVYA KISHOR	ONLINE ELECTRONIC SERVICES MANAGEMENT SYSTEM	PHP	PGSQL
12	DANAWALE MANTHAN MAHENDRA	EVENT MANAGEMENT SYSTEM	PHP	PGSQL
13	DANI SAI SANJEEV	ONLINE SHOPPING SYSTEM	JAVA	PGSQL
14	DAUNDKAR SAMRUDDHI SHAMRAO	HOTEL MANAGEMENT SYSTEM	PHP	PGSQL
15	DEOKAR SHIVAM GANESH	CAR WASHING MANAGEMENT SYSTEM	PHP	PGSQL
16	DESAI NIKITA PRAVIN	LIBRARY MANAGEMENT SYSTEM	JAVA	PGSQL
17	DETE AKSHAY KARBHARI	ONLINE ELECTRONIC SERVICES MANAGEMENT SYSTEM	PHP	PGSQL
18	DEVKAR VAIBHAV MARUTI	ONLINE EXAMINATION SYSTEM	PHP	PGSQL
19	DEWARE VAIBHAVI DADARAO	HOTEL MANAGEMENT SYSTEM	PHP	PGSQL
20	DHAKANE ISHWARI DADASAHEB	RETAIL BILLING SYSTEM	JAVA	PGSQL
21	EKSHINGE ADITYA VIKAS	WATER SUPPLY MANAGEMENT SYSTEM	PHP	PGSQL
22	GAIKWAD SANJANA VINOD	ONLINE SHOPPING SYSTEM	JAVA	PGSQL
23	GHANWAT GAURAV BALASAHEB	TOURS AND TRAVELS MANAGEMENT SYSTEM	PHP	PGSQL

**RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ACS COLLEGE,
LANDEWADI, BHOSARI
DEPARTMENT OF COMPUTER SCIENCE**

**CLASS: T.Y.B.Sc(CS)
SUB:- CS-3611 (PROJECT)**

ROLL NO	NAME OF STUDENT	PROJECT NAME	FRONT END	BACK END
24	GHODKE AAPURWA SUNILRAO	GYM MANAGEMENT SYSTEM	PHP	PGSQL
25	HALAMUNI PULKESH MANOJ	WATER SUPPLY MANAGEMENT SYSTEM	PHP	PGSQL
26	HILLI SHUBHAM BASAVRAJ	SMART CITY WEB PROBLEM SOLVING	JAVA	PGSQL
27	JADHAV SNEHA BALASO	LIBRARY MANAGEMENT SYSTEM	JAVA	PGSQL
28	JAGDALE SNEHA SHIVAJI	HOTEL MANAGEMENT SYSTEM	PHP	PGSQL
29	JAGDALE YASH DNYANESHWAR	WATER SUPPLY MANAGEMENT SYSTEM	PHP	PGSQL
30	JAISWAL SAURAV AKHILES	SMART CITY WEB PROBLEM SOLVING	JAVA	PGSQL
31	KADAM PRASAD PRAKASH	FOOD ORDER SYSTEM	PHP	PGSQL
32	KADAM SHUBHAM SAHEBRAO	WATER SUPPLY MANAGEMENT SYSTEM	PHP	PGSQL
33	KADAM VAIBHAVI ANKUSH	PHONEBOOK MANAGEMENT SYSTEM	JAVA	PGSQL
34	KAMBLE ASHOK SUBHASH	ECOMMERCE WEBSITE	JAVA	PGSQL
35	KASHID SHUBHAM NARAYAN	AIRLINE BOOKING SYSTEM	JAVA	PGSQL
36	KHANDESHI DEEPANSHU SATISH	EVENT MANAGEMENT SYSTEM	PHP	PGSQL
37	KHOSE ANNA BALASAHEB	RETAIL BILLING SYSTEM	JAVA	PGSQL
38	LAMKHADE SANIKA GENBHAU	RETAIL BILLING SYSTEM	JAVA	PGSQL
39	LIMBHORE ASMITA DNYANESHWAR	HOTEL MANAGEMENT SYSTEM	PHP	PGSQL
40	LOHGAVE GANGAPRASAD SAMBHAJI	LIBRARY MANAGEMENT SYSTEM	JAVA	PGSQL
41	LOKHANDE DIPALI NANDKISHOR	PHONEBOOK MANAGEMENT SYSTEM	JAVA	PGSQL
42	LOKHANDE NIKITA NITIN	ONILNE SHOPPING SYSTEM	JAVA	PGSQL
43	MANDAL NISHANT VISHNU	CAR WASHING MANAGEMENT SYSTEM	PHP	PGSQL
44	MANJARE ARYAN SUSHIL	TOURS AND TRAVELS MANAGEMENT SYSTEM	PHP	PGSQL
45	MORE RITVIK DILIP	ONLINE ELECTRONIC SERVICES MANAGEMENT SYSTEM	PHP	PGSQL
46	MORE VAIBHAV SUBHASH	LUXIARY WATHCHES SYSTEM	JAVA	PGSQL

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LANDEWADI, BHOSARI
DEPARTMENT OF COMPUTER SCIENCE

CLASS: T.Y.B.Sc(CS)
SUB:- CS-3611 (PROJECT)

ROLL NO	NAME OF STUDENT	PROJECT NAME	FRONT END	BACK END
47	MORE YASH DNYANESHWAR	LUXIARY WATHCHES SYSTEM	JAVA	PGSQL
48	NARUTE TANUSHREE SHANKAR	EVENT MANAGEMENT SYSTEM	PHP	PGSQL
49	PILLAY RUPI SHAM	PHONEBOOK MANAGEMENT SYSTEM	JAVA	PGSQL
50	PISAL PRAJVAL SAYAJI	FOOD ORDER SYSTEM	PHP	PGSQL
51	POL PRANAY NANA	CAR WASHING MANAGEMENT SYSTEM	PHP	PGSQL
52	SABLE SUJIT SANJAY	ECOMMERCE WEBSITE	JAVA	PGSQL
53	SAMGIR PRASAD SANJAY	AIRLINE BOOKING SYSTEM	JAVA	PGSQL
54	SAWANT SUYOG SAKHARAM	SMART CITY WEB PROBLEM SOLVING	JAVA	PGSQL
55	SAYYED SHAHEMAM NAUSHAD	SMART CITY WEB PROBLEM SOLVING	JAVA	PGSQL
56	SHEJWAL RUSHABH RAMESH	ART GALLERY MANAGEMENT SYSTEM	JAVA	PGSQL
57	SHINDE PRATIKSHA RAJU	ONILNE SHOPPING SYSTEM	JAVA	PGSQL
58	SHINDE SURAJ SHIVAJI	LUXIARY WATHCHES SYSTEM	JAVA	PGSQL
59	TAMSE KETAN KRISHNANAND	ART GALLERY MANAGEMENT SYSTEM	JAVA	PGSQL
60	TIKOTE MAHESHWARI HANUMANT	ART GALLERY MANAGEMENT SYSTEM	JAVA	PGSQL
61	VISHWAKARMA HEMANT S	ECOMMERCE WEBSITE	JAVA	PGSQL
62	WADEKAR PRANAY TULSHIDAS	ECOMMERCE WEBSITE	JAVA	PGSQL
63	WAGHMARE DIVYA DEVA	GYM MANAGEMENT SYSTEM	PHP	PGSQL
64	YADAV AKASH SUNIL	AIRLINE BOOKING SYSTEM	JAVA	PGSQL
65	YADAV NEHA SANJAY	LIBRARY MANAGEMENT SYSTEM	JAVA	PGSQL



Kush
HOD-CS



**Rajmata Jijau Shikshan Prasarak Mandal's
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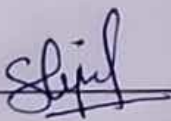
(Affiliated to Savitribai Phule Pune University & Approved by Government of
Maharashtra)

Department of Computer Science

Certificate

This is to certify that, Shivam G. Deokar, a student
of *B.Sc (Computer Science) – Sem-VI* has satisfactorily
completed the Project Online Car Washing Appointment, as per
the syllabus laid down by the *Savitribai Phule Pune University*
during the academic year *2022-2023*.

Exam Seat No: -

  _____

Project Guide Head Of Department Principal

 _____

Internal Examiner



External Examiner





Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,

Landewadi, Bhosari, Pune – 411039.


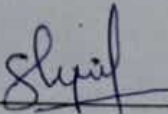
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Department of Computer Science

Certificate

This is to certify that, Pranay .N. Pol, a student
of *B.Sc (Computer Science) – Sem-VI* has satisfactorily
completed the Project Online Car washing appointment, as per
the syllabus laid down by the *Savitribai Phule Pune University*
during the academic year *2022-2023*.


Exam Seat No: -

Project Guide Head Of Department Principal



Internal Examiner


External Examiner



SAVITRIBAI PHULE PUNE UNIVERSITY
Ganeshkhind, Pune 411007

Faculty of Commerce & Management

Manual of
Internship Programme for
Third Year B. Com. Students
(Semester V & VI)
Under
Choice Based Credit System

June 2021



Preamble: -

India is recognized as one of the youngest nations in the world with over 50% of the population under 30 years. It is estimated that by about 2025, India will have the 25% of the total global workforce (World Competitiveness Yearbook, 2012).

Hence, there is a need to further develop and empower the human capital to ensure the nation's global competitiveness. As far the economic progress of our country is concerned, India is still lagging behind due to various problems like poverty, unemployment, illiteracy, medical infrastructure etc.

Youth plays a crucial role in achieving economic prosperity of the country. In the present scenario, it is found that most of the youth being educated are facing severe unemployment problem due to lack of skills and technical knowledge. Most of them are unaware of the developments taking place in the modern world.

National Skill Development Initiative will empower all individuals through improved skills, knowledge, nationally and internationally recognized qualifications to gain access to employment and ensure India's competitiveness in the global market.

The National Education Policy 2020 also emphasize Practical Assignments and Skill Development to the students across institutes of higher learning in various streams.

In view of this, Savitribai Phule Pune University has come up with a concept to provide 'Internship' to all students studying in semester V & VI across faculty of commerce.

The internship programme will provide valuable work experience to the students, help them explore a career path and develop and refine skills that will eventually give themselves an edge in the job market

The University has established a pool of business establishments who are willing to provide practical exposure to the students for sixty hours in their respective organisations. The certificate awarded by these establishments will add a value to the academic credentials of participating students.



1. Eligibility for Internship Programme

The students who have sought admission to the semester V & VI of T.Y.B.Com. under Choice Based Credit System need to undergo 'Internship Programme'. The internship programme is compulsory.

2. Nature of Internship Programme

A student has to undergo sixty hours of practical training in business establishments. The list of these establishments will be provided by the university. In case, a student is unable to join the enlisted establishment, he/she can choose an establishment in consultation with the concerned teacher.

3. Salient features of Internship Programme

The fundamental framework of internship is as below:

- a. The internship is of four credits and eighty marks.
- b. The internship will replace the practicals and practical examination of special paper II and paper III of semester V & VI.
- c. Internship will be of sixty clock hours.
- d. A student has to complete internship in the special subject that he / she has opted in S.Y.B.Com.
- e. The Internship Programme is based on the contents of the syllabus prescribed for paper II and Paper III of semester V & VI.
- f. The Internship Programme has to be completed in the vacation between semester V and VI.
- g. In case of backlog, he/ she can complete the internship prior to appearing for the semester VI examination.
- h. Successful completion of the Internship Programme is mandatory, in case a student could not complete the internship as per prescribed standards, he/ she has to undergo the Internship Programme again in different establishment.
- i. A student is entitled to a 'Completion Certificate' after successful completion of the Internship Programme.
- j. The internship provider establishment may select the apprentice student for regular employment depending on the skill set and nature of performance exhibited by the student.
- k. A student is solely responsible for his behaviour in the business establishment during the Internship Programme



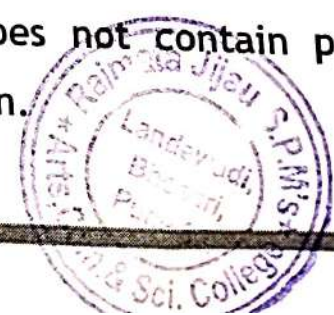
4. Subjects available for Internship Programme

A student has to undergo Internship Programme in the Discipline Specific Special Subject which he / has chosen in S.Y.B.Com. (Semester III & IV). List of the Discipline Specific Special Subject given below:

1. Business Administration Paper II & III
2. Banking and Finance Paper II & III
3. Business Law and practices Paper II & III
4. Cooperation and Rural Development Paper II & III
5. Cost and Works Accounting Paper II & III
6. Business Statistics Paper II & III
7. Business Entrepreneurship Paper II & III
8. Marketing Management Paper II & III
9. Agricultural and Industrial Economics Paper II & III
10. Defence Budgeting, Finance and Management Paper II & III
11. Insurance, Transport and Tourism Paper II & III
12. Computer Programming and Application Paper II & III

5. Framework of the for Internship Programme :

- a. The area in which a student has to undergo Internship Programme (Contents of the Internship Programme) will be finalized by the concerned subject teacher in consultation with the Internship Programme providing organisation.
- b. It is essential to ensure that all key contents of the syllabus of paper II and III are incorporated in the framework of the Internship Programme.
- c. This will help a student to have hands - on experience of the important aspects of the Discipline Specific Special Subject chosen by him / her.
- d. The contents of the Internship Programme should be adequate and a students should be able to understand various concepts and put it into practice within a time frame of sixty hours.
- e. Internship Programme is of sixty hours net. It does not contain pre-Internship Programme training and or / and evaluation.



Guidelines for Teachers

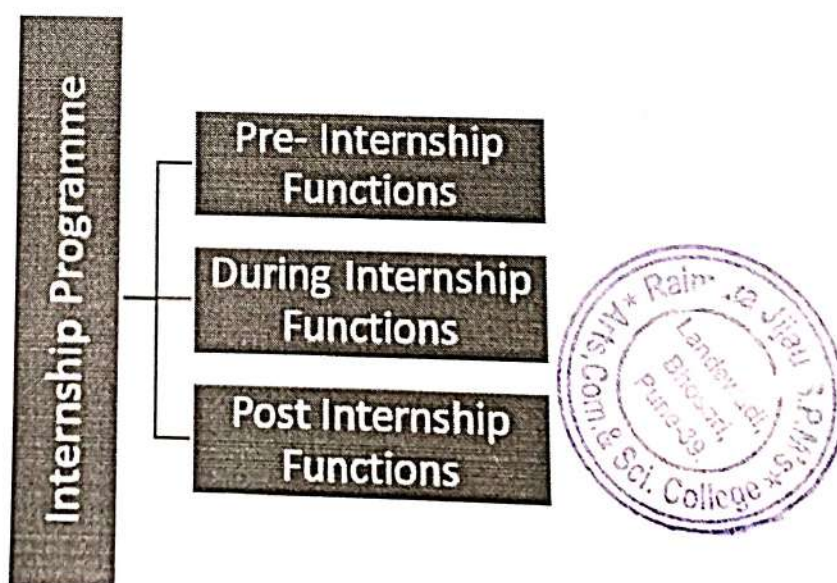
Teachers' contribution in planning and implementation of Internship Programme is very crucial and pivotal. Teachers need to play the role of a guide and philosopher to make the Internship Programme a flagship initiative and also making it a success.

Meaningful execution of the Internship Programme will add a significant value not only to the skillset of students but will enhance institutional image to a significant extent.

The National Assessment and Accreditation Council also emphasizes Internship Programme as a part of effective curriculum delivery. The number of students undergoing Internship Programme will certainly aid colleges to secure better grades during evaluation.

For effective implementation of the Internship Programme, it is advised that the concerned department institutes an 'Internship Programme Execution Cell'. The cell will plan and implement the Internship Programme according to the guidelines issued by the university. The cell is also expected to monitor and review the progress and outcomes of the programme with regular intervals and make necessary changes.

Role of teachers in execution of the Internship Programme is divided into three sections:



Guidelines for Teachers

Pre- Internship Functions

Teachers are expected to carry out following Pre-Internship functions:

1. Internship Programme Execution Cell:

The concerned department needs to institute 'Internship Programme Execution Cell'. The composition of the cell will be as below:

- | | |
|--|--------------------|
| ○ Principal of the college | : Chairman |
| ○ Vice -Principal / HoD | : Member Secretary |
| ○ Convener, Soft Skills Development Cell | : Member |
| ○ Subject Teachers | : Member |
| ○ Industry Expert /s | : Member |
| ○ Student representative | : Member |

Following are the functions of the cell:

- Preparation of exhaustive outline of the Internship Programme.
- Communication of the outline to the concerned students well in advance.
- Contacting concerned companies/ establishments and organisation of meetings to finalize the programme.
- Preparation of subject wise 'Hands- on training contents list' (Internship contents).
- Getting the contents approved by the Internship providing companies / establishments.
- Preparation of sixty hours' duration Internship Programme for each Discipline Specific Special Subject ensuring that the hands-on training contents fit in properly.
- Establishment of query/ grievances/ difficulties redressal mechanism to solve students' issues related to Internship Programme.
- Establishment of 'Feedback Mechanism' for both students and Internship providing companies.
- Preparation of 'Progress Card' to record the progress of students' during the Internship Programme.



2. 'Soft Skill Development Programme'

The concerned department needs to organize sessions on 'soft skills development' in association with the 'Soft Skills Development Cell' of the college. This programme will help students to accommodate themselves in the professional environment at a faster pace. Contents of the programme may be finalized in association with the industry experts.

3. Clusters

Few colleges located in geographical vicinity may think of coming together and formation of 'Cluster' to implement Internship Programme jointly. This will ease the process of contacting the Internship providing companies and execute all related activities. The colleges will save on funds, manpower and time if the programme is implemented through clusters.

4. Evaluation and credits

The Internship Programme has replaced existing practicals and practical examination of Discipline Specific Special Subjects - Paper II & III for semester V & VI. However, the same number of credits allotted to practical and practical examination have been transferred to 'Internship Programme'.

The process of evaluation has been restructured as below:

Process of Evaluation- Semester V

Semester V		
Discipline Specific Special Subject, Paper II	Discipline Specific Special Subject, Paper III	Total Marks
Maximum Marks - 20	Maximum Marks - 20	40

Methodology for Evaluation:

This evaluation is to be done prior to joining the Internship Programme.

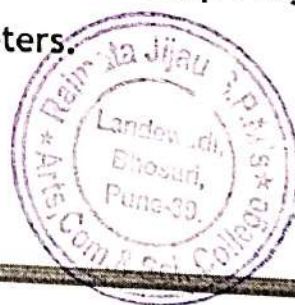
The student will prepare a plan for proposed internship programme. The plan may contain following aspects: -



- Format of Slide wise presentation of proposed plan of Internship programme to be prepared and submitted by the student is given below:
- The student is required to keep necessary documents ready, if any, at the time of assessment of the proposal.

Slide No.	Contents
1.	Name of the organisation where the internship is proposed to be carried out.
2.	Details of the organisation, i.e. nature of business, turnover, branches, market share etc.
3.	The areas in which he/ she is planning to undergo internship.
4.	Details of the various subject specific concepts learnt by the student before joining the internship.
5.	Allocation of 60 hours of Internship Programme.
6.	List of the skills that he/she is planning to acquire during internship programme.
7.	A brief note on how the internship program may benefit him/her to develop better skills in his / her subject.
8.	A note on the preparation done by the student before joining the internship programme. This note may include the following: <ol style="list-style-type: none"> a. Completion of soft skills program, b. completion of a certificate / diploma in related area, c. Previous job experience in related area.
9.	Details of the primary discussion that the student had with any officer/ authority of the internship providing organisation about the proposed work.
10.	Proposed outcome of the internship programme

- Students may add more slides providing additional information about the proposed Internship Programme.
- The evaluation of the proposed Internship Programme is to be done on the basis of above parameters.



- Teachers may provide suggestions to make the proposed Internship more meaningful for the student. Such suggestions must be communicated to the students in writing.

Evaluation of the Proposal

- a. The student is supposed to prepare a PowerPoint Presentation covering the above aspects.
- b. The evaluation is to be done on the basis of the potentials, quality, utility and outcome of the proposed work.
- c. The evaluation panel will consist of one internal and one external examiner. Industry experts may be invited to evaluate the proposal and make suggestion, if any.
- d. Total evaluation of the proposal will be of 40 marks and it carries 2 credits.
- e. Further, out of 40 marks, 20 marks are allotted to paper II and paper III each.

Guidelines for Teachers

During - Internship Functions

1. Teachers need to contact the internship providing organisations at regular intervals during the internship programme to review following matters: -
 - a. Regularity / punctuality of student
 - b. Behaviour / soft skills
 - c. Inclination to learn new things
 - d. Ability to put theory into practice
 - e. Ability to take initiative for problem solving
 - f. Commitment to the assigned task
 - g. Overall progress and performance (Whether satisfactory or not)



Guidelines for Teachers

Post - Internship Functions

- After the students have successfully completed the Internship Programme, teachers are required to convene a batch wise meeting of students to know their experience and overall opinion about the utility and effectiveness of the programme.
- Teachers should also try to compare the feedback received from the students regarding the industry requirements with the prevailing curriculum and try to bridge the gap by organizing guest lectures, assigning projects to the student, organisation of industrial visits etc.
- These endeavors will help students to undergo the Internship Programme in a more confident manner.

Process of Evaluation- Semester VI

Semester VI		
Discipline Specific Special Subject, Paper II	Discipline Specific Special Subject, Paper III	Total Marks
Maximum Marks - 20	Maximum Marks - 20	40

Methodology for Evaluation:

1. This evaluation is to be done after the student has successfully completed the Internship Programme.
2. The student will prepare a presentation based on the work performed by him/ her during the internship programme.
3. The parameters for evaluation are as below:-
 - Hard Skills learnt by the student
 - Soft skills / communication skills developed by the student
 - Outcome of the Internship Programme
 - Feedback received from the Internship Providing organisation
 - Value addition in the overall knowledge of the student
 - Quality and contents of the presentation
 - Contribution of the student towards the organisation



- Format of Slide wise presentation of work performed by the student during the Internship programme is given below.

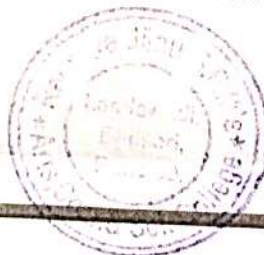
Slide No.	Contents
1.	Name of the organisation where the internship was proposed to be carried out.
2.	Contents proposed to be learnt during the Internship Programme.
3.	Allocation of 60 hours of Internship Programme
4.	List of the officers and the staff members of the Internship Providing organisation with designations.
5.	Name and designation of the officer under whom the internship was completed.
6.	Work profile assigned during the Internship Programme
7.	Actual work performed during the Internship Programme
8.	Skills learnt during the Internship Programme
9.	Problems faced while performing the assigned task
10.	How the problems were addressed to
11.	Contribution made towards better functioning the organisation, i.e. any techniques invented to save time, manpower or money, improvised documentation process, development of a model for better customer service etc. (Optional)
12.	List of the skills required to perform the assigned task, not included in the syllabus.
13.	Opinion of the student about the following - <ol style="list-style-type: none"> 1. Utility of the Internship Programme 2. Adequacy of the time allotted for programme 3. Suggestions for improvement in the syllabus 4. Will the programme improve employability? 5. Suggestions to make the internship programme more meaningful and effective 6. Overall feedback about the internship experience 7. Any other information

➤ Students need to submit following documents at the time of final evaluation of the work performed during the Internship Programme:-

1. Internship Completion Certificate (Format Enclosed)
2. Duly signed and completed Log Sheet stating hour wise work done. (Format Enclosed)
3. Feedback form duly signed and stamped by the internship provider organisation. (Format Enclosed)
4. Student Feedback form (Format Enclosed)

Evaluation of the Proposal :

- a. The student is supposed to prepare a PowerPoint Presentation covering the above aspects.
- b. The evaluation is to be done on the basis of the
 - a. Regularity and punctuality
 - b. Actual work performed,
 - c. Feedback by the internship providing organisation
 - d. Nature of contribution made
 - e. Skills learnt
 - f. Problem solving initiative taken
 - g. Learning attitude.
- c. The evaluation panel will consist of one internal and one external examiner. Industry experts may be invited to evaluate the proposal and make suggestion, if any.
- d. Total evaluation of the proposal will be of 40 marks and it carries 2 credits.
- e. Further, out of 40 marks, 20 marks are allotted to paper II and paper III each.



Institutional Arrangements for Internship

Savitribai Phule Pune University has made internship arrangements in association with the following institutions by signing Memorandum of Understandings. These institutions will help colleges to provide internship opportunities to the students.

1. Institute of Chartered Accountants of India (ICAI)
2. Institute of Company Secretaries of India (ICSI)
3. Institute of Cost and Management Accountants (ICMA)



RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ART'S, COMMERCE & SCIENCE COLLEGE, LANDEWADI, BHOSARI, PUNE - 411 039
COSTING II & III INTERNSHIP STUDENTS LIST
YEAR 2022-2023

Sr No	Student Name	NAME OF COMPANY
1	ADITYA AVINASH HINGE	HARI SHARMA SELLS & SERVICES
2	AHERKAR VAISHNAVI BALU	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
3	BADALE PRITESH RAMPRABHU	VIKAS ENGINEERS
4	BAGAL HRISHIKESH RAJENDRA	M/S D.U.DHAWADE
5	BANGARI ARTI BABU	TATA MOTERS
6	BANGARI RAJU RAMESH	NITTIN D. FUNDE & CO.
7	BARETH GAYATRI RAMLAL	AMOL DOLAS & CO.
8	BHAGAT DEEPAK NANDLAL	TATA MOTERS
9	BHALERAO PRIYANKA SANTOSH	M/S D.U.DHAWADE
10	BHOSALE SANGRAM PREMDAS	HARI SHARMA SELLS & SERVICES
11	BIRAJDAR PAVAN MALLIKARJUN	NITTIN D. FUNDE & CO.
12	BIRDAWADE TEJAS SHANKAR	VIKAS ENGINEERS
13	BOBADE ADITYA PRADEEP	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
14	BORATE MANASI VASANT	AMOL DOLAS & CO.
15	BORUDE SAURABH RAJU	NITTIN D. FUNDE & CO.
16	CHAUHAN SHUBHAM SATYENDRA	SUNSVG & ASSOCIATES
17	CHAVAN ADITYA NANA	AMOL DOLAS & CO.
18	CHITTALKAR ALISHA VITTHAL	SANJAY THOPTE & ASSOCIATES
19	CHOUGULE TANMAY VIVEKANAND	SUNSVG & ASSOCIATES
20	DALAVI PRAJAKTA PADMAKAR	TATA MOTERS
21	DAUNDKAR AVANTIKA SUNIL	HARI SHARMA SELLS & SERVICES
22	ERANDE KUNAL ANIL	M/S D.U.DHAWADE
23	GADE SUPRIYA SURESH	SANJAY THOPTE & ASSOCIATES
24	GAIKWAD ASHWINI BABASAHEB	SUNSVG & ASSOCIATES
25	GAVHANE ROHIT BHIMA	AMOL DOLAS & CO.
26	GAYATRI RAMLAL BARETH	SANJAY THOPTE & ASSOCIATES
27	GHANEKAR KUNAL KASHIRAM	NITTIN D. FUNDE & CO.
28	GHANEKAR NEHA ANAJI	SANJAY THOPTE & ASSOCIATES
29	GHEVDEKAR VISHAKHA VIKAS	TATA MOTERS
30	GORDE SURAJ SANTOSH	VIKAS ENGINEERS
31	GORE SAVITA SANTOSH	M/S D.U.DHAWADE
32	HANCHNAL MRUNALI MALLIKARJUN	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY



Sr No	Student Name	NAME OF COMPANY
33	HINGE ADITYA AVINASH	HARI SHARMA SELLS & SERVICES
34	JADHAV SHREYA SANDEEP	AMOL DOLAS & CO.
35	JADHAV YASH KRISHNA	SANJAY THOPTE & ASSOCIATES
36	JOGDAND ROHIT LIMBRAJ	NITTIN D. FUNDE & CO.
37	KADAM ABHISHEK BALASAHEB	SANJAY THOPTE & ASSOCIATES
38	KADAM ABHISHEK BALU	TATA MOTERS
39	KADLAG YOGITA SHIVPRASAD	SUNSVG & ASSOCIATES
40	KALE VAISHNAVI SURESH	M/S D.U.DHAWADE
41	KALJE RUSHIKESH GOVIND	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
42	KALJE SANSKRUTI ANNA	SANJAY THOPTE & ASSOCIATES
43	KAMBLE ANAND CHANDRAKANT	AMOL DOLAS & CO.
44	KAMBLE NAKUL PRAMOD	VIKAS ENGINEERS
45	KHAIRE UTKARSHA VIJAY	YES BANK
46	LANDE RAJSHREE DINKAR	M/S D.U.DHAWADE
47	LANDGE PRADNYA BAJIRAO	NITTIN D. FUNDE & CO.
48	LANDGE RUSHIKESH SANJAY	HARI SHARMA SELLS & SERVICES
49	LONKAR RUCHIKA GAJENDRA	SUNSVG & ASSOCIATES
50	LONKAR VAISHNAVI GAJENDRA	TATA MOTERS
51	MAL MAHESH ARUNKUMAR	SANJAY THOPTE & ASSOCIATES
52	MARE SHRADDHA SURESH	AMOL DOLAS & CO.
53	MATE ADITYA VILAS	NITTIN D. FUNDE & CO.
54	MUJAWAR ARBAJ JAHANGIR	VIKAS ENGINEERS
55	NAVGIRE GAURI LAV	M/S D.U.DHAWADE
56	NAIK PRIYANKA PRAKASH	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
57	OVHAL ADITYA SUNIL	ADITYA CONTROLS
58	PATEL AMRIN ALTAF	YES BANK
59	PATIL PRAMOD CHHABIDAS	TATA MOTERS
60	PAWALE NIKITA SAMPAT	AMOL DOLAS & CO.
61	PAWAR ADITI SANJAY	HARI SHARMA SELLS & SERVICES
62	PAWAR SEJAL SHAM	ADITYA CONTROLS
63	PHUGE ATHARVA GANPAT	NITTIN D. FUNDE & CO.
64	PRITESH RAMPRABHU BADALE	SUNSVG & ASSOCIATES
65	ROZY SHAHEED KHAN	ADITYA CONTROLS
66	SALVE VIVEK DAMU	AMOL DOLAS & CO.
67	SAMIKSHA SUNIL SHEVKAR	M/S D.U.DHAWADE
68	SAWANT KAUSTUBH SANJAY	TATA MOTERS
69	SAWANT RUTIKA SATISH	SUNSVG & ASSOCIATES

Sr No	Student Name	NAME OF COMPANY
70	SAYYAD AIYESHA AZIZ	YES BANK
71	SHAH NEHA ATUL	NITTIN D. FUNDE & CO.
72	SHAHIR AVINASH BALASAHEB	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
73	SHAIKH ASMA RUSTUM	VIKAS ENGINEERS
74	SHARMA MANISHA AYODHYA	M/S D.U.DHAWADE
75	SHARMA POOJA SUNIL	ADITYA CONTROLS
76	SHENDE ANIKET RAJENDRA	TATA MOTERS
77	SHINDE PRATIKSHA BABASAHEB	SANJAY THOPTE & ASSOCIATES
78	SHINDE RUSHIKESH MOHAN	SANJAY THOPTE & ASSOCIATES
79	SHINDE TEJAS SUDAM	AMOL DOLAS & CO.
80	SINGH RAMANDIP DALJIT	YES BANK
81	SINGH ROSHNI ARVIND	SUNSVG & ASSOCIATES
82	TAMATTA MADAN DILIP	TATA MOTERS
83	TAMBORE GAURI KIRAN	NITTIN D. FUNDE & CO.
84	TEHARE TEJAL ANIL	YES BANK
85	THORAVE VAISHNAVI RAJARAM	ADITYA CONTROLS
86	TUPE RUTVIK DNYANESHWAR	AMOL DOLAS & CO.
87	UDAMALE AISHWARYA SAYAJI	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
88	VEDPATHAK MONESH RAMCHANDRA	HARI SHARMA SELLS & SERVICES
89	WADEKAR SAURABH KISHOR	TATA MOTERS
90	WAGHMARE POOJA NARSING	VIKAS ENGINEERS
91	WALEKAR OMKAR DATTA	M/S D.U.DHAWADE
92	YEDAGE SUMIT BABU	GRASS ROOT SOFTWARE INNOVATION TECHNOLOGY
93	ZAMBRE DEVYANI MOHAN	HARI SHARMA SELLS & SERVICES

Sunita

Jayashree Aramani



RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ART'S, COMMERCE & SCIENCE COLLEGE, LANDEWADI, BHOSARI, PUNE - 411 039

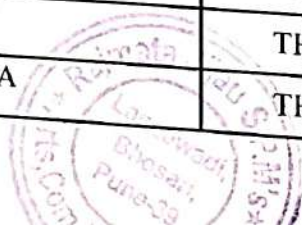
BANKING II & III

Sr No	Student Name	NAME OF BANK
1	ABHISHEK SHREEHARI LANDE	THANE JANATA SAHAKARI BANK
2	ADAK SANKET JAYSING	THANE JANATA SAHAKARI BANK
3	ADITYA ABHINATHI BORHADE	THANE JANATA SAHAKARI BANK
4	ADITYA PUNDALIK DIDIMANI	THANE JANATA SAHAKARI BANK
5	AGHAV SHILPA RAVINDRA	THANE JANATA SAHAKARI BANK
6	AJIT BALU WAGHAMARE	THANE JANATA SAHAKARI BANK
7	ANSARI TABREJ TAHIR ISLAM	THANE JANATA SAHAKARI BANK
8	ARATI MOHAN SADUWALE	THANE JANATA SAHAKARI BANK
9	ASOLE VEDANT RAMKRUSHNA	THANE JANATA SAHAKARI BANK
10	ATHARV MAHENDRA DANAWALE	THANE JANATA SAHAKARI BANK
11	BADHALE YUVRAJ LAXMAN	THANE JANATA SAHAKARI BANK
12	BAGAL SURAJ SHIVAJI	THANE JANATA SAHAKARI BANK
13	BAGATE KRUNAL NATHU	THANE JANATA SAHAKARI BANK
14	BAGUL ASHWINI SUKHDEV	THANE JANATA SAHAKARI BANK
15	BANKAR PRASAD GULAB	THANE JANATA SAHAKARI BANK
16	BARNE RUSHIKESH SANJAY	THANE JANATA SAHAKARI BANK
17	BAVALE ADITYA RAMESH	THANE JANATA SAHAKARI BANK
18	BHALERAO HARSHADA RAJESH	THANE JANATA SAHAKARI BANK
19	BHANGARE YOGESH RAMDAS	THANE JANATA SAHAKARI BANK
20	BHOIR ROHAN KUMAR	THANE JANATA SAHAKARI BANK
21	BHOIR ROSHNI BALKRUSHNA	THANE JANATA SAHAKARI BANK
22	BHOSALE BAJRANG SANTOSH	THANE JANATA SAHAKARI BANK
23	BHOSALE SAURABH RAJU	THANE JANATA SAHAKARI BANK
24	BICHARE ASHWIN GAJANAN	THANE JANATA SAHAKARI BANK
25	BIRADAR MAHESH NARSING	THANE JANATA SAHAKARI BANK
26	BORHADE KUNAL DINKAR	THANE JANATA SAHAKARI BANK
27	BORSE HARSHAL SURESH	THANE JANATA SAHAKARI BANK
28	BOTRE ASHWINI YUVRAJ	THANE JANATA SAHAKARI BANK
29	BURDE RUTUJA DATTATRYA	THANE JANATA SAHAKARI BANK
30	CHANDAN PRATIKSHA ANIL	THANE JANATA SAHAKARI BANK
31	CHAVAN GAYATRI GANPAT	THANE JANATA SAHAKARI BANK
32	CHAVAN NIKITA SUBHASH	THANE JANATA SAHAKARI BANK

Sr No	Student Name	NAME OF BANK
33	CHAVAN RAHUL VASANT	THANE JANATA SAHAKARI BANK
34	CHOUDHARY REKHA BHAWANATH	THANE JANATA SAHAKARI BANK
35	DESAI KISHORI KRISHNA	THANE JANATA SAHAKARI BANK
36	DESHKHAIRE PRATIK SUNIL	THANE JANATA SAHAKARI BANK
37	DESHMUKH SHIVANI GOPAL	THANE JANATA SAHAKARI BANK
38	DHAGE SNEHAL NAMDEO	THANE JANATA SAHAKARI BANK
39	DHAMAL SHUBHAM SUNIL	THANE JANATA SAHAKARI BANK
40	DOKE PRATIBHA KRUSHNA	THANE JANATA SAHAKARI BANK
41	DONGARE VAISHALI SANJAY	THANE JANATA SAHAKARI BANK
42	DUNGHAV DNYANESHWAR PRALHAD	THANE JANATA SAHAKARI BANK
43	ERANDE SUYASHA DEVIDAS	THANE JANATA SAHAKARI BANK
44	FALKE YOGITA DAGDU	THANE JANATA SAHAKARI BANK
45	FARAD PRITAM NAVNATH	THANE JANATA SAHAKARI BANK
46	FISKE KOMAL SUDHAKAR	THANE JANATA SAHAKARI BANK
47	GADE AVDHOT AVINASH	THANE JANATA SAHAKARI BANK
48	GADHAVE RUSHIKESH VILAS	THANE JANATA SAHAKARI BANK
49	GAIKWAD ASHWINI BABASAHEB	THANE JANATA SAHAKARI BANK
50	GAIKWAD ASHWINI VAIJNATH	THANE JANATA SAHAKARI BANK
51	GAIKWAD MAHESH KISAN	THANE JANATA SAHAKARI BANK
52	GANGANE RUSHIKESH DNYANOBA	THANE JANATA SAHAKARI BANK
53	GANJELI AKASH RAM	THANE JANATA SAHAKARI BANK
54	GAURAV AKHILESH JAISWAL	THANE JANATA SAHAKARI BANK
55	GAVHANE ADITYA ANIL	THANE JANATA SAHAKARI BANK
56	GAVHANE DNYANESHWARI ANIL	THANE JANATA SAHAKARI BANK
57	GAWADE ADITYA NATHU	THANE JANATA SAHAKARI BANK
58	GAWADE AKASH BHAUSAHEB	THANE JANATA SAHAKARI BANK
59	GAWADE SANKET MANIK	THANE JANATA SAHAKARI BANK
60	GAWALI MANALI MACHINDRA	THANE JANATA SAHAKARI BANK
61	GAYATRI RAMLAL BARETH	THANE JANATA SAHAKARI BANK
62	GHEVDEKAR PRANAY SATISH	THANE JANATA SAHAKARI BANK
63	GHUTE SONALI CHANDRASEN	THANE JANATA SAHAKARI BANK
64	GUJAR SAKSHI SURESH	THANE JANATA SAHAKARI BANK
65	GUJAR SHRAVANI SANDEEP	THANE JANATA SAHAKARI BANK
66	HAGE TEJASHREE RAMDAS	THANE JANATA SAHAKARI BANK
67	HAKE ANIKET SUDHAKAR	THANE JANATA SAHAKARI BANK
68	HANCHNAL MRUNALI MALLIKARJUN	THANE JANATA SAHAKARI BANK

Sr No	Student Name	NAME OF BANK
69	HUKKIRE SWAPNIL NANDKUMAR	THANE JANATA SAHAKARI BANK
70	HUSAGE AKASH SOMALING	THANE JANATA SAHAKARI BANK
71	INGAWALE RUSHIKESH RAJESH	THANE JANATA SAHAKARI BANK
72	INGLE RAHUL HIRAMAN	THANE JANATA SAHAKARI BANK
73	JADHAV ATISH ANIL	THANE JANATA SAHAKARI BANK
74	JADHAV NAKUL YUVRAJ	THANE JANATA SAHAKARI BANK
75	JADHAV PRATHMESH SHRIKRUSHNA	THANE JANATA SAHAKARI BANK
76	JADHAV SANDESH BAPU	THANE JANATA SAHAKARI BANK
77	JADHAV SHREYA SANDEEP	THANE JANATA SAHAKARI BANK
78	JADHAV YOGITA MAHADEV	THANE JANATA SAHAKARI BANK
79	JAPTAP TEJAS VIVEK	THANE JANATA SAHAKARI BANK
80	JARHAD NITIN GORAKH	THANE JANATA SAHAKARI BANK
81	KADAM TEJSHREE SUNIL	THANE JANATA SAHAKARI BANK
82	KADLAG YOGITA SHIVPRASAD	THANE JANATA SAHAKARI BANK
83	KAMBLE PAYAL CHANDRAKANT	THANE JANATA SAHAKARI BANK
84	KARVANDE SNEHAL ARJUN	THANE JANATA SAHAKARI BANK
85	KATKE DIPAK BHARAT	THANE JANATA SAHAKARI BANK
86	KHANDAGALE PRADNYA ASHOK	THANE JANATA SAHAKARI BANK
87	KHARAT NIKHIL RAM	THANE JANATA SAHAKARI BANK
88	KHARAT SHIVAJI KISAN	THANE JANATA SAHAKARI BANK
89	KHATKE RUTUJA DATTATRAY	THANE JANATA SAHAKARI BANK
90	KHILARI PRAVIN BHASKAR	THANE JANATA SAHAKARI BANK
91	KOSHTI PORNIMA DATTATRAY	THANE JANATA SAHAKARI BANK
92	KUDALE SHRUTI ANIL	THANE JANATA SAHAKARI BANK
93	KULKARNI SAKSHI SHIVARAJ	THANE JANATA SAHAKARI BANK
94	KUTE PRAJWAL RAJESH	THANE JANATA SAHAKARI BANK
95	LAHANE PRATIKSHA HANUMANT	THANE JANATA SAHAKARI BANK
96	LALIT NARESH MARATHE	THANE JANATA SAHAKARI BANK
97	LANDAGE VAISHNAVI BHARAT	THANE JANATA SAHAKARI BANK
98	LANDE RAJSHREE DINKAR	THANE JANATA SAHAKARI BANK
99	LANDGE RUSHIKESH SANJAY	THANE JANATA SAHAKARI BANK
100	LANDGE SIDDHESH SANTOSH	THANE JANATA SAHAKARI BANK
101	LANDGE VAISHNAVI YOGESH	THANE JANATA SAHAKARI BANK
102	LOHAR ANURADHA SHIVDATTA	THANE JANATA SAHAKARI BANK
103	LOKHANDE RITESH SUNIL	THANE JANATA SAHAKARI BANK
104	MAHADIK SANIKA BAJRANG	THANE JANATA SAHAKARI BANK

Sr No	Student Name	NAME OF BANK
105	MAHADIK UTKARSHA BALKRISHNA	THANE JANATA SAHAKARI BANK
106	MAL MAHESH ARUNKUMAR	THANE JANATA SAHAKARI BANK
107	MASKE SWAPNIL ABASAHEB	THANE JANATA SAHAKARI BANK
108	MEDANKAR OM SUNIL	THANE JANATA SAHAKARI BANK
109	MHASKE AADNYA MAHESH	THANE JANATA SAHAKARI BANK
110	MOGRE JIDNYASA SANDEEP	THANE JANATA SAHAKARI BANK
111	MORE CHAITRALI DINESH	THANE JANATA SAHAKARI BANK
112	MORE RAKESH SANJAY	THANE JANATA SAHAKARI BANK
113	MULLA AMAN NABILAL	THANE JANATA SAHAKARI BANK
114	NANAWARE ADITYA VILAS	THANE JANATA SAHAKARI BANK
115	NAVALE AARTI BAJIRAV	THANE JANATA SAHAKARI BANK
116	NAVGIRE GAURI LAV	THANE JANATA SAHAKARI BANK
117	NAWALE SAURABH SHIVAJI	THANE JANATA SAHAKARI BANK
118	OMKAR DATTATRAY SHEDANE	THANE JANATA SAHAKARI BANK
119	OVHAL SUSHANT SHANTARAM	THANE JANATA SAHAKARI BANK
120	PACHPUTE SAURABH SAMBHAJI	THANE JANATA SAHAKARI BANK
121	PAGAR HARSHAL VASANT	THANE JANATA SAHAKARI BANK
122	PAL MONIKA RAMNARAD	THANE JANATA SAHAKARI BANK
123	PANCHAL OM SANTOSH	THANE JANATA SAHAKARI BANK
124	PANDEY KAMNA RAJESH	THANE JANATA SAHAKARI BANK
125	PANSARE CHETAN KANTARAM	THANE JANATA SAHAKARI BANK
126	PARANDE YASH SUNIL	THANE JANATA SAHAKARI BANK
127	PARAYE TUSHAR DIGAMBAR	THANE JANATA SAHAKARI BANK
128	PASWAN AJIT PARMANAND	THANE JANATA SAHAKARI BANK
129	PATHARE PRATHMESH SOMNATH	THANE JANATA SAHAKARI BANK
130	PATIL DIPANSHU PRAKASH	THANE JANATA SAHAKARI BANK
131	PATIL HARSHADA SANJAY	THANE JANATA SAHAKARI BANK
132	PATIL SANIKA PRAMOD	THANE JANATA SAHAKARI BANK
133	PATWEKAR MAHAMADTAHER TAYYA	THANE JANATA SAHAKARI BANK
134	PAWALE NIKITA SAMPAT	THANE JANATA SAHAKARI BANK
135	PAWAR SAKSHI LALCHAND	THANE JANATA SAHAKARI BANK
136	PAWAR SHUBHAM BHAGWAT	THANE JANATA SAHAKARI BANK
137	PAYGHAN PAYAL VIJAY	THANE JANATA SAHAKARI BANK
138	PHUGE KARTIK SAMBHAJI	THANE JANATA SAHAKARI BANK
139	PILLAI GANESH MOHAN	THANE JANATA SAHAKARI BANK
140	PISAL KUMAR RAJENDRA	THANE JANATA SAHAKARI BANK



Sr No	Student Name	NAME OF BANK
141	POL AISHWARYA VIJAY	THANE JANATA SAHAKARI BANK
142	POOJA APPARAO SURYAVANSHI	THANE JANATA SAHAKARI BANK
143	PRABHU MADHURI RAVINDRA	THANE JANATA SAHAKARI BANK
144	PRAJAPATI MANISH SHYAMSUNDER	THANE JANATA SAHAKARI BANK
145	PRAJAPATI SHUBHAM SITARAM	THANE JANATA SAHAKARI BANK
146	PRANJAL SANJAY LANDE	THANE JANATA SAHAKARI BANK
147	PRASAD SHIVPRATAP RAJENDRA	THANE JANATA SAHAKARI BANK
148	PRATIKSHA ASHOK KHANDAGALE	THANE JANATA SAHAKARI BANK
149	PREETI PRAKASH MANE	THANE JANATA SAHAKARI BANK
150	PRITESH RAMPRABHU BADALE	THANE JANATA SAHAKARI BANK
151	PUTGE KUNAL LAXMAN	THANE JANATA SAHAKARI BANK
152	RAJPUT DHIRAJ SINGH ISHWARSINGH	THANE JANATA SAHAKARI BANK
153	RANDHAVE SANDESH VISHNU	THANE JANATA SAHAKARI BANK
154	RANDHAWA RAJ VIJAY	THANE JANATA SAHAKARI BANK
155	RANJANE DRON PRAVIN	THANE JANATA SAHAKARI BANK
156	RATHOD ROHAN BALIRAM	THANE JANATA SAHAKARI BANK
157	RODE GAURAV ANIL	THANE JANATA SAHAKARI BANK
158	ROZY SHAHEED KHAN	THANE JANATA SAHAKARI BANK
159	RUSHIKESH VISHNU WADEKAR	THANE JANATA SAHAKARI BANK
160	RUTUJA SURYAKANT SHINDE	THANE JANATA SAHAKARI BANK
161	SABLE TEJAS PRATAP	THANE JANATA SAHAKARI BANK
162	SADAR KUNAL SANTOSH	THANE JANATA SAHAKARI BANK
163	SAGAT PRASHANT KRISHNATH	THANE JANATA SAHAKARI BANK
164	SAKSHI CHANDRAKANT BHOSALE	THANE JANATA SAHAKARI BANK
165	SAKSHI SANDEEP HAGAVANE	THANE JANATA SAHAKARI BANK
166	SAKSHI SUNIL RENUSE	THANE JANATA SAHAKARI BANK
167	SALUNKE PRATIK TANAJI	THANE JANATA SAHAKARI BANK
168	SAMIKSHA SUNIL SHEVKAR	THANE JANATA SAHAKARI BANK
169	SASTE SHUBHAM SUNIL	THANE JANATA SAHAKARI BANK
170	SATPUTE VINAYA DILIP	THANE JANATA SAHAKARI BANK
171	SAWANE SHRIKANT GOVIND	THANE JANATA SAHAKARI BANK
172	SAWANT RUTIKA SATISH	THANE JANATA SAHAKARI BANK
173	SAYALI SATISH THORAVE	THANE JANATA SAHAKARI BANK
174	SAYYAD AIYESHA AZIZ	THANE JANATA SAHAKARI BANK
175	SHAH SANDEEP SANJAY	THANE JANATA SAHAKARI BANK
176	SHAIKH ARBAJ SIKANDAR	THANE JANATA SAHAKARI BANK

Sr No	Student Name	NAME OF BANK
177	SHAIKH MOIN JALIL	THANE JANATA SAHAKARI BANK
178	SHAIKH SHAHNAZ ABDUL RASHID	THANE JANATA SAHAKARI BANK
179	SHAIKH SULEMAN RAMZAN	THANE JANATA SAHAKARI BANK
180	SHINDE PRATIKSHA BALASAHEB	THANE JANATA SAHAKARI BANK
181	SHINDE TANMAY BALASAHEB	THANE JANATA SAHAKARI BANK
182	SHINDE TEJAS SUDAM	THANE JANATA SAHAKARI BANK
183	SHRAVANI RAJARAM MAGAR	THANE JANATA SAHAKARI BANK
184	SHUBHAM GOVIND MADAKE	THANE JANATA SAHAKARI BANK
185	SONAWANE ATHARV DATTATRAY	THANE JANATA SAHAKARI BANK
186	SONKAMBLE SURAJ ANIRUDDHA	THANE JANATA SAHAKARI BANK
187	SURAJ SANJAY GAWAS	THANE JANATA SAHAKARI BANK
188	SUTAR RUSHIKESH ASHOK	THANE JANATA SAHAKARI BANK
189	SWAMI BHUVANESHWARI MURUGAN	THANE JANATA SAHAKARI BANK
190	TAPARE PRACHI SUDHAKAR	THANE JANATA SAHAKARI BANK
191	TAPKIR DNYANESHWARI BALU	THANE JANATA SAHAKARI BANK
192	TAPKIR NATASHA DINESH	THANE JANATA SAHAKARI BANK
193	TAPKIR SAKSHI NANDU	THANE JANATA SAHAKARI BANK
194	THAKUR PRAJAKTA BABU	THANE JANATA SAHAKARI BANK
195	THOMBARE SWAPNIL SHRIMANT	THANE JANATA SAHAKARI BANK
196	THORVE NAVNATH SHIVAJI	THANE JANATA SAHAKARI BANK
197	TIKUDAVE PREM GANPAT	THANE JANATA SAHAKARI BANK
198	TINGARE RAHUL PRAKASH	THANE JANATA SAHAKARI BANK
199	TULEKAR ABHISHEK SANTOSH	THANE JANATA SAHAKARI BANK
200	TUPE NAVNATH SAMBHAJI	THANE JANATA SAHAKARI BANK
201	TUPE RUTVIK DNYANESHWAR	THANE JANATA SAHAKARI BANK
202	UGALE AARTI ROHIDAS	THANE JANATA SAHAKARI BANK
203	UKIRDE BHAVANA SANTOSH	THANE JANATA SAHAKARI BANK
204	UMAP ATHARVA VIKAS	THANE JANATA SAHAKARI BANK
205	VAIBHAV DATTA WAGHMARE	THANE JANATA SAHAKARI BANK
206	VAIBHAV SATYAWAN WALKE	THANE JANATA SAHAKARI BANK
207	VEER PRATHAMESH VIKAS	THANE JANATA SAHAKARI BANK
208	VENKATESH ATUL JAGDALE	THANE JANATA SAHAKARI BANK
209	VETAL AISHWARYA SAYAJI	THANE JANATA SAHAKARI BANK
210	VISHWAKARMA PRATIKSHA PRAKASH	THANE JANATA SAHAKARI BANK
211	VRUSHALI AVINASH PANDIT	THANE JANATA SAHAKARI BANK
212	WAGHAMARE VISHAL BALU	THANE JANATA SAHAKARI BANK

Sr No	Student Name	NAME OF BANK
213	WAGHMARE AJAY SANJAY	THANE JANATA SAHAKARI BANK
214	WAGHMARE POOJA NARSING	THANE JANATA SAHAKARI BANK
215	WALAKE KOMAL SANTOSH	THANE JANATA SAHAKARI BANK
216	WANI SHARDDHA BABUSHA	THANE JANATA SAHAKARI BANK
217	WANJARE CHETAN DADABHAU	THANE JANATA SAHAKARI BANK
218	WAWRE SANJANA KASHINATH	THANE JANATA SAHAKARI BANK
219	YEWALE SUMIT MARUTI	THANE JANATA SAHAKARI BANK
220	KETANA SURESH SONAWANE	THANE JANATA SAHAKARI BANK

Sumit

Jayashree Aramani



RAIMATA JIJAUSHIKSHANPRASARAK MANDAL'S
Arts, Commerce & Science College, Landewadi, Bhosari, Pune-39

Affiliated to Savitribai Phule Pune University

ISO 9001:2015, ISO 14001:2015, NAAC Accredited with 'B' Grade DEP

DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that, Mr./Miss. Avantika Sunil Dandekar

of T.Y.B.Com. Roll No. --- has satisfactorily completed Pre-Internship Work
in the Subject Cost & Work Accounting II &
III Semester V as laid down by the Savitribai Phule Pune University for the academic
year 2022-2023.

Sunita
Subject Teacher

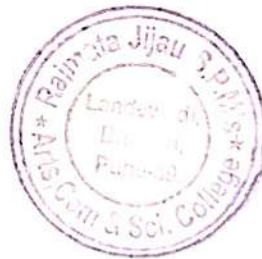
Head of the Dept. Ramesh

[Signature]
Principal

PRACTICAL EXAMINATION

Exam Seat No.

Date: 8/5/2023



[Signature]
External Examiner

Sunita
Internal Examiner

RAJMATA JIJAUSHIKSHANPRASARAK MANDAL'S
Arts, Commerce & Science College, Landewadi, Bhosari, Pune-39

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DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that, Mr./Miss. Sanzabha Borunde
of T.Y.B.Com. Roll No. 37 has satisfactorily completed Pre-Internship Work
in the Subject Cost & Work Accounting II &
III Semester V as laid down by the Savitribai Phule Pune University for the academic
year 2022-2023.

Sunita
Subject Teacher

Head of the Dept. B. Ramer

Principal

PRACTICAL EXAMINATION

Exam Seat No. 76863

Date:

Sub
External Examiner



Sunita
Internal Examiner

Savitribai Phule Pune University
TY BBA Semester V (CBCS) Pattern 2019

Project Guidelines For TYBBA

606(A) Marketing Management (MM)

606(B) Financial Management (FM)

606© Human Resource Management (HRM)

Savitribai Phule Pune University
TY BBA –Semester VI (CBCS) Pattern 2019
Course: Cases in Marketing Management + Project
Course Code- DSE A 606 MM
Credit - 2+4 = 6

Depth of the Course- Functional Working Knowledge

Course Objectives: To understand the application of theory into practice.

Note: 1. The case study examination paper will be for 2 credits and the Internship and project report along with viva voce will be for 4 credits.

Evaluation:

Project Report Evaluation	External Evaluation
Students must undergo for internship - Refer Internship manual For external evaluation, there will be a viva voce. Such viva-voce shall be conducted by a referee appointed by the University along with an internal referee.	Case study based The external evaluation will be done based on an examination paper comprising of Case studies to solve for a maximum of 50 marks 15*3 cases 5*1 short note
Having gone through all the topics, students have to be given cases to solve and are asked to submit a soft copy in PDF and PPT to college.	

Project Report- 30 marks & Viva Voce - 20 marks = Total Marks 50

50 Marks



Savitribai Phule Pune University
T.Y. BBA Semester VI (CBCS) Pattern 2019
Course Title – Cases in Finance +Project
Course Code- DSE B 606 FM
Credit- 2+4=6

Depth of the Course: Application-based Knowledge of core areas of finance.

Course Objectives:

1. To Study & understand the core areas of finance.
2. To study the practical applications of finance.
3. To prepare project reports based on the internship & understanding of core areas of finance.

	Project Report	Project-based on core areas of finance/ based on internship. (Refer to the suggested topics given below) Internship guidelines are attached separately	<ul style="list-style-type: none"> • To study & understand implications of selected core areas of finance under study. • To give insights based on data collection & data analysis to the students. • To inculcate research culture among students through conducting research in finance.
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Evaluation

Internship	External Evaluation
30 Marks for Projects + 20 Marks for viva = 50 Marks	Problems and Case studies = 50 Marks

Suggested Topics for Project: -

1. Projected financial statements to be submitted to the bank for a loan proposal.
2. Analysis & interpretations of financial statement with the help of Techniques like
3. Ratio analysis, Fund flow Analysis, Cash flow Analysis.
4. Project-related Insurance sector.
5. Working Capital Management.
6. Any other topic related to core areas of finance based on internship by students.



Savitribai Phule Pune University
TY BBA Semester VI (CBCS) Pattern 2019
Recent Trends & HR Accounting + Project
Course Code DSE C 606 HRM
Credit 2+4 = 6

Depth of the Course- Comprehensive Knowledge

Course Objectives

1. To make students understand the theoretical and practical fundamental knowledge of Recent Trends in HRM and HR Accounting.
2. To describe various Employee Engagement Strategies to enhance Employee Engagement.
3. To discuss the uses of Human Resource Information Systems in organizations.
4. To explain the different methods used to calculate the value of human Resources.
5. To define Human Resource Audit and outline its scope.
6. To study the methods of Human Resource Valuation.



Project	<ul style="list-style-type: none"> Project-based on internship – referee separate guidelines 	1 Learning By doing
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Evaluation

Unit Number	Internal Evaluation		External Evaluation
	Evaluation of students based on	Marks	
Project Report	Project Report preparation, submission and VIVA.	50	25% MCQ 35% short notes 40% long answers
Total –		50	50

Savitribai Phule Pune University
Question paper Pattern 2019 for TY BBA
University Examination Sub: Recent Trends & HR Accounting + Project
Course code C 606
Credit 6

Q. No.	Nature of Question Project – SPPU external 50 marks	Total Marks - 50 marks Objectives - Compulsory Question Solve any 3 out of 5 Solve any 4 out of 6
	50 marks – Project Viva	50 SPPU



STUDENTS PROJECT LIST

Sr.No.	Student's Name	Specialisatio	Title of the Project
1	BHOPE ABHISHEK SACHIN	HR	Training & Executive Development
2	BATAV PRAVIN CHINTAMAN	Finance	Assessing growth dividend establishing a linkage
3	BOLBHAT RUSHIKESH SUBHASH	HR	Training & Development Practices undertaken by IT
4	CHINTAN ANIL KUMAR SHARMA	HR	Effect of manpower training & Development
5	CHITALKAR YUVRAJ GANESH	Finance	Assessing growth dividend establishing a linkage
6	DHAJJE VIJAY SAMADHAN	Finance	Role of stock exchange in economic development
7	DUPARE SONU RAMU	HR	Training and development
8	GAIKWAD ABHIJEET SANJAY	HR	
9	GHENAND RUTUJA BABAJI	Finance	Ratio Analysis for a Whirlpool Industries
10	GORE ANUJA VASANT	HR	Effectiveness of training
11	GURUDAS NANASAHEB GHUNDA	Finance	A study on Indian stock market :NSE and BSE
12	JADHAV AMRUTA SUDHAKAR	HR	Effectiveness of Training
13	JADHAV ANIKET RAJENDRA	HR	Training & Executive Development
14	JAGTAP VISHAL ARUN	HR	training and development of employees
15	KAKADE HARSHAL KHUSHAL	Marketing	Legal Aspects of Marketing
16	KAMBLE ROHIT RAVINDRA	HR	Environmental Awareness
17	KAPARE SAKSHI SANTOSH	HR	Labour welfare practices
18	KARANDE TEJASHRI ANAND	HR	Mahindra and Mahindra
19	KARLE OMKAR DEVIDAS	HR	Training & Executive Development
20	LOKHANDE SHREEYA PRASAD	HR	Workers participation in Mangament
21	LUNGARE PUJA SANJAY	HR	Recruitment and Selection
22	MAYURI ANNAPPA TENGALE	Finance	Assessing growth dividend establishing a linkage
23	NEHERE PRANAV VASUDEV	Marketing	Legal Aspects of Marketing
24	NIMBOLKAR JAYSHRI SANTOSH	HR	Performance Appraisal
25	PHALAKE MAHESH SHANKAR	Marketing	Legal Aspects of Marketing
26	PRASAD KHOLLAM	Marketing	Legal Aspects of Marketing
27	RANGANI DHRUVI KIRTIBHAI	HR	Recruitment and Selection
28	RASKAR ATHARV ANIL	Finance	Comparative study of Axis Bank
29	RESHMA KONDIBA HINGE	Marketing	Legal Aspects of Marketing
30	SAKSHI ASHOK DHORMALE	Finance	Role of stock exchange in economic development
31	SAWASE KAJAL KALYAN	HR	Recruitment and Selection
32	SHARMA VIPUL NARAYAN	Marketing	Legal Aspects of Marketing
33	SHELKE NIKITA SHARAD	HR	Recruitment and Selection
34	SHINDE SURAJ ROHIDAS	HR	Training & Development Practices
35	SONAWANE ROHIT KALURAM	Finance	GST
36	SONTAKKE GAYATRI SANTOSH	HR	HRM in hotel industry and Catering services
37	TALWAR VISHWANATH CHIMRAJ	HR	Analytical Study of GST
38	TAMHANE GAURAV BALASAHEB	HR	Recruitment and Selection
39	TUPE SANDESH SANJAY	HR	Training & Executive Development
40	WARE TEJAS SHANKAR	Finance	GST Concept and status
41	YADAV AMIT YOGENDRA	HR	Recruitment and Selection
42	POTDAR BHAGYASHRI BALAJI	Finance	Role of stock exchange in economic development
43	HARSHALLONDHE	Marketing	Brand developemnt of Maruti Suzuki





RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

Art's, Commerce & Science College

(Id.-PU/PN/ACS/161/2001)

(Jr.Index No.-J.11.16.026)

(Affiliated to University of Pune and approved by S.E., H.E., Govt. of Maharashtra)

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Web: www.rjspm.org

Hon. Mr. Vilasrao Lande (M.L.A.)
President

Mr. Sudhir Mungase
Secretary

Mr. Ajitbhai Gavhane
Treasurer

CERTIFICATE

This is to certify that the project report titled is to **assessing growth dividend establishing a linkage between the GDP growth and indirect tax** prepared by - **Yuvraj Ganesh Chitalkar**-student of Bachelor of Business Administration has successfully anatisfactory carried out project work.

The project is submitted in partial fulfillment of BBA in the academic year - 2022 -2023 as per rules of the Savitribai Phule Pune University.

Project Guide
PROF. Sarika jagtap

HOD

Principal
Principal

Rajmata Jijau Shikshan Prasarak Mandal
Arts, Commerce and Science College
Landewadi, Bhosari, Pune-39.



Place – Pune

Date –