



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 :

- 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.
- To develop independent logical thinking and facilitate personality development.
- To equip the students to seek suitable careers in management and entrepreneurship.
- To acquaint students with significance of research in business.
- To impart skills regarding methods of data collection and their interpretations.
- 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



Credit Scheme

Semester	Core Course			Elective Course			Special Credit			Total Credits
	No.of Papers	Credits	Total Credits	No.of Papers	Credits	Total Credits	No.of Papers	Credits	Total Credits	
I	6	4	24	-	-	-	-	-	-	24
II	6	4	24	-	-	-	1	1	2	26
III	3	4	12	3	4	12	-	-	-	24
IV	3	4	12	3	4	12	1	1	2	26
										100

- For each core and elective course, there will be 4 lectures hours of teaching per week.
- Course will also include presentations, Quizzes, Role-Plays and Case-Study.
- Every paper will carry 100 marks which will consists of continuous and comprehensive evaluation (internal evaluation) of 50 marks followed by Final End Semester Exam of 50 marks each
- Special credits the Total marks will be out of 50.
- The instruction of the Paper will be in English.
- Exams will be conducted according to the University rules
- Attendance of 75% is compulsory as per University rules.

Semester 4

Subject Code	Title of the Subject	Core / Electives	Credits
DC 4.1	Legal Environment of Business	Core	4
DC 4.2	Business Skills for Excellence	Core	4
DC 4.3	International Business	Core	4
Electives / Specialization			
I) Corporate Accounting and Financial Management (CA)			
Subject Code	Title of the Subject		
DC (CA) 4.4	New Trends in Accounting	Elective	4
DC (CA) 4.5	International Financial Reporting Standards	Elective	4
DC (CA) 4.6	Financial Risk Management/Project	Elective	4
II) Banking and Finance (BF)			
DC (BF) 4.4	E-Banking and Financial Services	Elective	4
DC (BF) 4.5	Micro Finance	Elective	4
DC (BF) 4.6	International Banking/Project	Elective	4
III) Digital Marketing & E-Commerce (DM)			
DC (DM) 4.4	E-Banking and Financial Services	Elective	4
DC (DM) 4.5	Digital Marketing	Elective	4
DC (DM) 4.6	Internet and Web Designing/Project	Elective	4
IV) Business Processes (BP)			
DC (BP) 4.4	Marketing Research	Elective	4
DC (BP) 4.5	Customer Relationship Management	Elective	4
DC (BP) 4.6	Rural Business Operations/Project	Elective	4
Total Credits			24

Semester IV

Semester	Subject Type	Course Code	Title of the Paper	Hrs/Week	Credit	Exam. Hours	Maximum Marks			
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, 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 H (Advanced Marketing)									
	417	Recent Advances in Marketing	04	04	03	40	60	100		
	418	Project Work/Case Studies	04	04	03	40	60	100		



Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce and Science College Landewadi Bhosari

Department of Commerce

Project Report 2021-22

M.COM-II, SUB:-Advanced Cost Accounting & Cost system

Sr No	Students Name	Project Report
1	Shivraj Bapusaheb Kolhapure	Quality cost on Escapade outdoors
2	Savita Anand Ghavate	Budgetary Control System of Phuge associates
3	Nikhil Mahesh Padol	Cost audit for Leoni cable solutions India ltd
4	Pallavi Bhausaheb Mule	Application of activity based costing for Akash enterprises
5	Nisha Suresh Mule	The study of cost control and cost reduction
6	Gaurav Dattatray patil	The study of budget and budgetary control
7	Mayuri Suresh Padwal	Study of costing in service industry for staffing service India Ltd
8	Nikita Vijay Ingale	Budgetary control system of Manasi enterprises
9	Vaidehi Madhav Janvekar	Cost reduction program and its imple
10	Vinit Pramod Kandale	Study of working capital management for Anand enterprises
11	Priti Nandkishor Palve	Budgetary Control System of Shree swami samrth
12	Jignesh Amrutlal Chautaliya	Study of working capital management for Anand enterprises
13	Maheshwari Balasaheb Devkar	Study of Budgetary control system
14	Kalyani Kamlakar Tambore	Application of activity based costing
15	Ashwini Kumar	Application of activity based costing for Deepmaya Enginneering
16	Rutuja Anil Daphal	Cost audit for Western India Pvt Ltd
17	Sneha Umesh Shinde	The study of application of budgetary control technique
18	Rutuja Vikas Borate	Costing of transport services V-trans India Ltd, M.I.D.C. Bhosari
19	Akshay Vitthal Kale	Budgetary control system of D.R.Gavhane landmarks LLP
20	Aniket Pralhad Yadav	Budgetary control system of Excellent handling system pvt Ltd
21	Rushikesh Madhukar Kulvardhan	A study of cost audit report
22	Shivraj Venkatrao Pawar	Study of working capital management for Anand enterprises
23	Mahesh Amasidha Layane	Cost control and cost reduction for sankalp technologies
24	Heena Yashwant Waghela	Budgetary control system for Swami samarth Anodizers
25	Telange Twinkal Diliprao	Process costing for toolcon system

Dandekar
Subject Teacher



HOD *Aramani*

Asst. prof. Sunil Dandekar

Tayashree Aramani

34	MANE RUTIK MARUTI				
35	MULAY NISHA SURESH				
36	MULE PALLAVI BHAUSAHEB				
37	NALKANDE PRASHANT RAMRAO				
38	NAMAWAR AKASH LAXMAN				
39	PADOL NIKHIL MANESH				
40	PADWAL MAYURI SURESH				
41	PALVE PRITI NANDKISHOR				
42	PATIL GAURAV DATTATRAY				
43	PATIL HARSHAL RAMKRISHNA				
44	PAWAR SHIVRAJ VENKATRAO				
45	PISAL PRATIKSHA SAYAJI				
46	SAWANT HARSHAD YASHWANT				
47	SAWANT VARSHA KUNDLIK				
48	SHENDE DINESH BANDU				
49	SHINDE SNEHA UMESH				
50	SHINGARE VISHAL VISHWANATH				
51	SONTAKKE BALAJI PANDURANG				
52	TAMBORE KALYANI KAMLAKAR				
53	TELANGHE TWINKAL DILIPRAO				
54	THOMRE MRUNAL RUTUPRNA				
55	VAIRAGAR RUTIK VISHNU				
56	WAGHELA HEENA YASHWANT				
57	YADAV ANIKET PRALHAD				
58	YEWALE ANIKET ANIL				

RAJMATI HAJAU SHIKSHAN PRASARK MANDALI'S
ARTS COMMERCE & SCIENCE COLLEGE
LANDEWADI, BHOSARI, PUNE - 411039
M.COM II (SEM-IV) 2021-22

BANKING AND FINANCE PROJECT

SR. NO	NAME OF THE STUDENT	TOPIC OF THE PROJECT
1	ANSARI ASGAR NABI	THE STUDY OF BANK BALANCE SHEET
2	ATHARE AVINASH DILIP	THE STUDY OF MUTUAL FUND
3	BEG HINA GANI	STUDY OF RECENT REFORMS IN CAPITAL MARKET
4	BHADKUMBE APARNA PRAKASH	STUDY OF BANKING DEVELOPMENTS PROBLEM
5	BHOSALE SHAILESH BALIRAM	STUDY OF FINANCIAL POSITION OF SEVA VIKAS COOPERATIVE BANK
6	CHANDANE DINESH SOPAN	STUDY OF SEBI
7	CHAVAN ANIKET SURESH	STUDY ON RETAIL BANKING W.R.T YES BANK
8	DINDE DIPAK DIGAMBAR	THE STUDY OF SELF HELP GROUPS IN MAHARASHTRA
9	GAIKWAD DNYANESH VIJAY	STUDY OF RESERVE BANK OF INDIA
10	INDORE AKANKSHA SURESH	STUDY OF STOCK EXCHANGE
11	KASHID ADITI VILAS	STUDY OF FORIGN DIRECT INVESTMENT
12	KULKARNI PRAJAKTA RAVINDRA	THE STUDY OF MUTUAL FUND
13	LAKADE SOURABH BALU	STUDY OF FORIGN BANK AT HSBC BANK LTD
14	LANDGE YUVRAJ SANTOSH	STUDY OF POTENTIAL CUSTOMER FOR FIXED DEPOSITS IN BAJAJ FINANCE
15	MALI VAISHALI ARUN	STUDY OF SYSTEMATIC INVESTMENT PLAN SIP
16	MANE RUTIK MARUTI	STUDY OF THANE JANTA COOPERATIVE BANK LTD
17	NALKANDE PRASHANT RAMRAO	STUDY OF NON PERFORMING ASSETS
18	NAMAWAR AKASH LAXMAN	THE STUDY OF HDFC BANK
19	PATIL HARSHAL RAMKRISHNA	STUDY ON RETAIL LOAN IN UNION BANK OF INDIA
20	SAWANT VARSHA KUNDLIK	STUDY OF STATE BANK OF INDIA
21	SHINGARE VISHAL VISHWANATH	STUDY OF SHARE MARKET
22	SONTAKKE BALAJI PANDURANG	STUDY OF UNION BANK OF INDIA
23	THOMRE MRUNAL RUTUPRNA	STUDY OF BANK PORTFOLIO
24	YEWALE ANIKET ANIL	A STUDY OF WHOLESALE BANKING OPERATIONS
25	INGALE SHITAL	STUDY OF NONPERFORMING ASSETS IN BANK OF BARODA
26	BURGHATE GAJANAN N	WHOLE SALE BANKING OPERATIONS IN AXIS BANK
27	SAWANT HARSHAD Y	THE STUDY OF FORIGN BANK OF HSBC



Dr.

**RAJMATA JAU SHIKSHAN PRASARK MANDAL'S
ARTS COMMERCE & SCIENCE COLLEGE
LANDEWADI, BHOSARI, PUNE - 411039
M.COM II (SEM-IV) 2021-22**

BANKING AND FINANCE PROJECT

SIR. NO	NAME OF THE STUDENT	TOPIC OF THE PROJECT
1	ANSARI ASGAR NAHI	THE STUDY OF BANK BALANCE SHEET
2	AHARI AVINASH DELIP	THE STUDY OF MUTUAL FUND
3	REGHINA GANI	STUDY OF RECENT REFORMS IN CAPITAL MARKET
4	BHADKUMBE APARNA PRAKASH	STUDY OF BANKING DEVELOPMENTS PROBLEM
5	BHOSALE SHAILESH BALIRAM	STUDY OF FINANCIAL POSITION OF SEVA VIKAS COOPERATIVE BANK
6	CHANDANE DINESH SOPAN	STUDY OF SEBI
7	CHAVAN ANIKET SURESH	STUDY ON RETAIL BANKING W.R.T YES BANK
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12	KULKARNI PRAJAKTA RAVINDRA	THE STUDY OF MUTUAL FUND
13	LAKADE SOURABH BALU	STUDY OF FOREIGN BANK AT HSBC BANK LTD
14	LANDGE YUVRAJ SANTOSH	STUDY OF POTENTIAL CUSTOMER FOR FIXED DEPOSITS IN BAJAJ FINANCE
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26	BURGHATE GAJANAN N	WHOLE SALE BANKING OPERATIONS IN AXIS BANK
27	SAWANT HARSHAD Y	THE STUDY OF FOREIGN BANK OF HSBC




Dr. P. R. G

CERTIFICATE

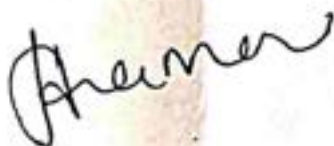
This is certified that LAKADE SAURABH BALU is a student of RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S ARTS COMMERCE & SCIENCE COLLEGE this college .she is successfully completed the project on "THE STUDY OF FOREIGN BANK AT HSBC BANK" As partial fulfillment of the M.com part (II). Affiliated to Savitribai Phule, Pune university of Pune degree for the academic year 2021-2022.

Date : 26-05-2022

Seat No:


DR. GORE PRAGATI
(Project Guidance)




DR. ASHOK PATIL
(Principal)


INTERNAL EXAMINER


EXTERNAL EXAMINER

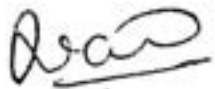


CERTIFICATE

This is certified that Aditi Kashid is a student of this college. She is successfully completed the project on "Foreign Direct Investment" as partial fulfillment of the M.Com part (II). Affiliated to Savitribai Phule Pune university of Pune degree for the academic year 2021-2022.

Date: 26-05-2022

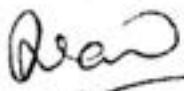
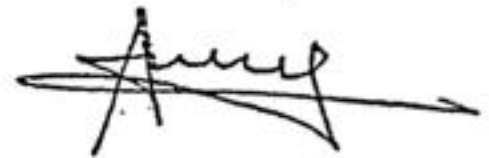
Seat No: 25



DR. GORE PRAGATI
(Project Guidance)



DR. ASHOK PATIL
(Principal)



INTERNAL EXAMINER



EXTERNAL EXAMINER

प्रमाणपत्र

दिनेश सोपान चांदणे हा राजमाता जिजाऊ शिक्षण प्रसारक मंडळ

कला, वाणिज्य आणि विज्ञान महाविद्यालय लांडेवाडी भोसरी पुणे. ४११०३९

येथे एम.कॉम द्वितीय वर्ष बँकिंग रोल नंबर विद्यापीठ आसन

क्र..... हा असून याने शेअर बाजार विषयीचा प्रकल्प अहवाल

२०२१-२०२२ या परीक्षेसाठी परीक्षकांकडून मूल्यमापनासाठी देण्याची

शिफारस करत आहे.

दिनांक:-

स्थळ :-



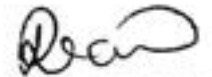
प्राचार्य

प्रा.डॉ.अशोक पाटील



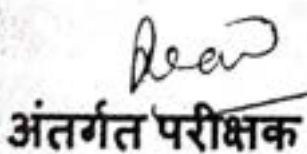
विभाग प्रमुख

प्रा.जयश्री आरमानी



मार्गदर्शक

प्रा.डॉ.प्रगती गोरे



अंतर्गत परीक्षक



बाह्य परीक्षक



CERTIFICATE

This is to certify that JANVEKAR VAIDEHI MADHAV, a student of Mater of Commerce has satisfactorily completed the project titled "COST REDUCTION PROGRAM AND ITS IMPLEMENTATION" as per the syllabus laid down by the Savitribai Phule Pune University during the academic year 2021 - 2022 and entered up her project here for currently and correctly.

Exam Seat No:- _____

Project Guide

Head of Dept

Principal

Internal Examiner

External 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 WAGHELA HEENA YASHWANT 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 2021 – 2022 and entered up her project here for currently and correctly.

Exam Seat No :- _____

Project Guide

Head of Dept

Principal

Internal Examiner

External Examiner



YEAR 2021- 2022

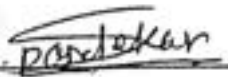


RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ARTS, COMMERCE & SCIENCE COLLEGE
BHOSARI, PUNE – 411039
{Affiliated to Savitribai Phule Pune University}

CERTIFICATE

This is to certify that PAWAR SHIVRAJ VENKATRAO
a student of Mater of Commerce has satisfactory completed the
project titled "A STUDY OF WORKING CAPITAL
MANAGEMENT" as per the syllabus laid down by the
Savitribai Phule Pune University during the academic year
2021-2022 and entered up her project here for currently and
correctly.

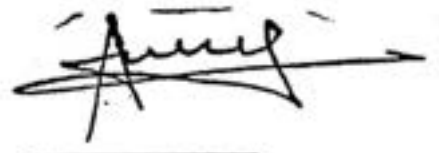
Exam Seat No :- 44



Project Guide



Head of Dept



Principal



Internal Examiner



External Examiner





RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
OF ARTS, COMMERCE & SCIENCE

COLLEGE, LANDEWADI, BHOSARI, PUNE-411039

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

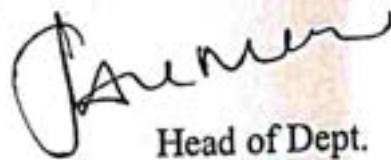
Department Of Commerce

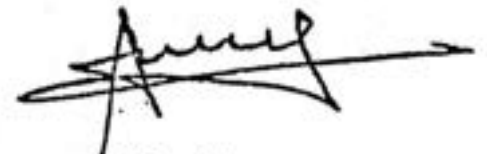
CERTIFICATE

This is to certify that **MR. SAGAR BHAGWAT GAIKWAD** a student of Master of Commerce has satisfactorily completed the project titled "**PRICING DECISION OF QUALITY ENGINEERING & FELTING SERVICES**" as per the syllabus laid down by the Savitribai Phule Pune University during the academic year 2021-2022 and entered up her project here for currently and correctly.

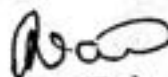
Exam seat no:- 031


Project Guide


Head of Dept.


Principle


Internal Examiner


External 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 INGALE NIKITA VIJAY a student of Mater of Commerce has satisfactory completed the project titled "BUDGETARY CONTROL SYSTEAM" as per the syllabus laid down by the SavitribaiPhulePune University during the academic year 2021 – 2022 and entered up her project here for currently and correctly.

Exam Seat No :- _____

Project Guide

Head of Dept.

Principal

Internal Examiner

External Examiner



ACKNOWLEDGEMENT

YEAR 2021- 2022



RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S

ARTS, COMMERCE & SCIENCE COLLEGE

BHOSARI, PUNE – 411039

{Affiliated to Savitribai Phule Pune University}

CERTIFICATE

This is to certify that CHAUTLIYA JIGNESH AMRUTLAL a student of Mater of Commerce has satisfactory completed the project titled "A STUDY OF WORKING CAPITAL MANAGEMENT" as per the syllabus laid down by the Savitribai Phule Pune University during the academic year 2021–2022 and entered up her project here for currently and correctly.

Exam Seat No :-11

Project Guide

Head of Dept

Principal

Internal Examiner

External Examiner



M. Sc. (I)

Biotechnology



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



Title of the course: M.Sc. (Biotechnology)

Preamble:

Biotechnology has grown, extensively in last couple of decades. This advanced 'interdisciplinary' life science branch encompasses areas viz. molecular biology, genetics, biochemistry, microbiology, immunology, virology, plant and animal tissue culture, chemistry and engineering. It is a fast emerging "cutting edge" science with distinctive advantages as it finds applications in practically all aspects of life. The subject offers exciting opportunities in various fields from basic research to industry oriented career. Global and local focus has slowly shifted to using knowledge of life Science for innovative technology development that is being used for betterment of human life. Many fundamental research fields from cell biology to molecular biology, from biochemistry to biophysics, from genetic engineering to stem cell research, from bioinformatics to genomics-proteomics, from environmental biology and to biodiversity, from microbiology to bioprocess engineering, from bioremediation to *In silico* drug discovery etc. comes under the umbrella of Biotechnology.

The proposed choice based credit curriculum and grading system will cater to the existing interdisciplinary nature of biotechnology can also offer many courses to the other branches of life science. The generative power of biological data is effectively harnessed by biotechnology like no other field. Economic and social renaissance is staged on biotechnology especially, since it's biomedical and cutting edge technological applications are tremendously powerful in shaping this century and exciting biofuture. Keeping in view the expanse and applications of Biotechnology in every field, there is going to be a perpetual demand for resource personnel with Biotechnology specialization. The post graduate program is aimed to cater to this ever increasing demand and to groom the students to excel in their future career. Education and research sectors require such interdisciplinary trained workforce to develop future generations of science leaders.

Introduction:

Master's in Biotechnology course syllabus is revised to cater to the needs of credit based semester and grading system. The changing scenario of higher education in India and abroad is taken into consideration while restructuring this syllabus and more oriented towards current need of modern research and industrial sectors. The syllabus encompasses the fundamental academics at one end and latest technologies in life science at the other. Theory courses will help students develop their knowledge sets on various topics of biotechnology, to which, they are introduced at the undergraduate

level. Extensive practical courses are designed to supplement the theory courses with hands on experimentation in wet-lab and on fields. Empowerment of students to face research and industrial outlets is at the centre of this syllabus. Students having to select their own courses will develop the depth in specialization and also make them ready to face the upcoming scientific advances in the world without any further training. M.Sc. syllabus has been prepared keeping in vision the undergraduate curriculum. At the undergraduate level, students were introduced to many fundamental topics in life sciences such as molecular biology, developmental biology, fermentation technology, biodiversity, bioinformatics and tissue culture etc. At the post graduate level they will be also be acquainted with the thrust/new areas of biotechnology like bioinformatics, clinical research, data base management, IPR, Food Technology etc. to give the students the advantage of not only learning these subjects but also give them the edge over others in their employability. A research project/ industrial training modules are incorporated to provide a buffer zone for budding biotechnologists eager to enter the life science sector.

Objectives to be achieved:

- To help the students to build interdisciplinary approach
- To empower students to excel in various research fields of Life Sciences
- To inculcate sense of scientific responsibilities for social and environment awareness.
- To acquaint the students with thrust areas of biotechnology
- To adapt the internationally acknowledged Choice Based Credit System (CBCS) that offers opportunities to learn core subjects and to explore additional avenues of learning beyond the core subjects for complete development of an individual.

Course Structure:**Semester I**

Course code	Course Title	Credits
Core Compulsory Theory Papers (CCTP)		
MBT- 101	Advanced Biological Chemistry	4
MBT- 102	Cell & Molecular Biology	4
MBT- 103	Genetics & Immunology	4
Core Compulsory Practical Paper: CCP-1		
MBT- 104	Laboratory Course I - Advanced Biological Chemistry, Cell & Molecular Biology, Immunology	4
Choice Based Optional Papers: CBOP (any One)		
MBT -105	Environmental Biotechnology	4 (2T + 2P)
MBT -106	Food Biotechnology	4 (T)
Total		20 Credits

Semester II

CourseCode	Course Title	Credits
Core Compulsory Theory Papers (CCTP)		
MBT- 201	Genetic Engineering	4 Credits
MBT- 202	Bacteriology and Virology	4 Credits
MBT- 203	Plant Biotechnology	4 Credits
Core Compulsory Practical Paper : CCP-1		
MBT- 204	Laboratory Course II - Genetic Engineering, Bacteriology and Virology, Plant Biotechnology	4 Credits
Choice Based Optional Papers: CBOP (any One)		
MBT -205	Clinical Research, Data Base management, & IPR	4 Credits
MBT -206	Medical Biotechnology	4 Credits
Total		20 Credits

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

**RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ARTS, COMMERCE AND SCIENCE COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
M.Sc. Biotechnology (Sem-IV) Academic 2021-22**

PROJECT LIST OF STUDENTS

Sr no.	Student name	Project title	In Campus	off Campus
1	Aware Rutika Vitthal	<i>Cynodon dactylon</i> : antimicrobial potential of crude extract as valuable medicinal plant and antioxidant activity.	RJSPM's ACS college, Bhosari.39	-
2	Avinash Ram Gaikwad	Production & purification of monoclonal antibodies using fed batch & continuous chromatography.	RJSPM's ACS college, Bhosari.39	-
3	Barsagade Kaushik Navnath	Production of ethanol from sawdust (cellulose).	RJSPM's ACS college, Bhosari.39	-
4	Bundhe Ajay Akrur	Evaluation of bioactive compounds from <i>Jasminum sambac</i> & its medicinal properties.	RJSPM's ACS college, Bhosari.39	-
5	Damle Pooja Sanjay	Phytochemical analysis of <i>Lantana camera</i> for antioxidant & antimicrobial activity.	RJSPM's ACS college, Bhosari.39	-
6	Dhenge Sanjay Arun	Synthesis & characterization of silver nanoparticles from <i>Semecarpus anacardium</i> seeds.	RJSPM's ACS college, Bhosari.39	-
7	Gadge Sonali Popat	Selective bio herbicide on water hyacinth.	RJSPM's ACS college, Bhosari.39	-
8	Gupta Kanchan Sushilkumar	Green synthesis of nanoparticles by using Ashok plant leaf & its application.	RJSPM's ACS college, Bhosari	-
9	Kadam Vaibhav Achutrao	Screening and quantification of marine actinomycetes producing industrial enzymes amylase, protease and lipase from marine drive Mumbai.	RJSPM's ACS college, Bhosari	-
10	Kade Rishikesh Abhiman	Phylogenetic analysis of SARS-CoV-2 virus strains by using mega and baysian interference (India, China,USA,Israel,Korea)	RJSPM's ACS college, Bhosari	-
11	Kaldate Anjali Vilas	Molecular characterization of novel organism's potential.	-	NCCS,Pune

12	Kshirsagar Yogesh Vishnu	Antimicrobial activity of plant extracts and it's phytochemical analysis.	RJSPM's ACS college, Bhosari	
13	Ranjane Kalyani Gendeo	Differences in antioxidant activity, total phenolic and flavonoid contents of commercial and homemade tomato paste.	RJSPM's ACS college, Bhosari	
14	Saurav Madhav Sakunde	Optimization of medium by various suppliments for getting higher titre of pDNA using <i>E.coli</i> .	-	Enzene Bioscience Ltd.Pune.
15	Shendage Pramod Shivshankar	Isolation of zinc solubilizing bacteria.	RJSPM's ACS college, Bhosari	
16	Shinde Shivani Sunil	Synthesis of nanopesticides by using green synthesis method.	RJSPM's ACS college, Bhosari	
17	Shraddha Shivaji Yewale	Evaluation and extraction of phytochemical, antioxidant, antimicrobial and anti-inflammatory activity of <i>Limonia acidissima</i> .	RJSPM's ACS college, Bhosari	
18	Suryawanshi Sarika Tanaji	Morphological,Physiological & Biochemical response to NaCl induced salt stressed.	RJSPM's ACS college, Bhosari	
19	Yewale Priyanka	Preliminary phytochemistry, in vitro propagation & antimicrobial activities of <i>Dalbergia melanoxyylon</i> .	RJSPM's ACS college, Bhosari	



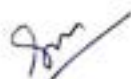
Handwritten signature
 Head of Department
 RJSPM's College of Arts & Com.
 Bhosari, Pune-39.

CERTIFICATE

This is to certify that the research project entitled, "Phylogenetic analysis of SARS-CoV-2 virus strains by using mega and baysian interference (India, China, USA, Israel, Korea)" submitted by Mr. Kade Rishikesh Abhiman for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Preliminary phytochemistry, in vitro propagation & antimicrobial activities of Dalbergia melanoxylon." submitted by Ms. Yewale Priyanka for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Synthesis & characterization of silver nanoparticles from Semecarpus anacardium seeds." submitted by Mr. Dhengle Sanjay Arun for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22


Project Guide



Head, Department of Biotechnology

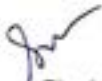


CERTIFICATE

This is to certify that the research project entitled, "Evaluation and extraction of phytochemical, antioxidant, antimicrobial and anti-inflammatory activity of *Limonia acidissima*." submitted by Ms. Shraddha Shivaji Yewale for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Synthesis of nanopesticides by using green synthesis method." submitted by Ms. Shinde Shivani Sunil for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22


Project Guide


Head, Department of Biotechnology

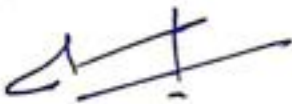


CERTIFICATE

This is to certify that the research project entitled, "Isolation of zinc solubilizing bacteria." submitted by Mr. Shendage Pramod Shivshankar for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "**Optimization of medium by various supplements for getting higher titre of pDNA using E.coli.**" submitted by **Mr. Saurav Madhav Sakunde** for the partial fulfillment of award of degree of **Master of Science in Biotechnology**, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Molecular characterization of novel organism's potentials submitted by Ms.Kaldate Anjali Vilas partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22

Sandeep

Project Guide

[Signature]

Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Selective bio herbicide on water hyacinth." submitted by Ms. Gadge Sonali Popat for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Morphological, Physiological & Biochemical response to NaCl induced salt stressed." submitted by Ms. Suryawanshi Sarika Tanaji for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22

Sarika

Project Guide

[Signature]

Head, Department of Biotechnology





CERTIFICATE

This is to certify that the research project entitled, "Evaluation of bioactive compounds from *Jasminum sambac*." submitted by Mr. Ajay Akrur Bundhe for the partial fulfillment of award of degree of Master of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 10/06/22


Project Guide


Head, Department of Biotechnology





Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Degree Program in Computer Science

(Faculty of Science & Technology)

Revised Syllabi for

M.Sc. (Computer Science) Part-I

(For Colleges Affiliated to Savitribai Phule Pune University)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020

Kum
HOD-CS



Title of the Course: M.Sc. (Computer Science)**Preamble:**

This syllabus is the extension of the existing syllabus which is currently being taught to M.Sc. (Computer Science) of Savitribai Phule Pune University for the last few years, but modified to be placed within the credit based system to be implemented from the academic year 2019-2020. However, there are few changes incorporated in the existing syllabus. It is believed that the proposed changes as part of the credit based system will bring a qualitative change in the way M.Sc. (Computer Science) is taught, which will offer a more enriched learning experience. It aims to provide technology-oriented students with the knowledge and ability to develop creative solutions, and better understand the effects of future developments of computer systems and technology on people and society. The syllabus is about developing skills to learn new technology, grasping the concepts and issues behind its use and the use of computers.

Course Structure:

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-I	Core Compulsory Theory Paper	CSUT111	Paradigm of Programming Language	4	30	70	100
		CSUT112	Design and Analysis of Algorithms	4	30	70	100
		CSUT113	Database Technologies	4	30	70	100
	Choice Based Optional Paper	CSDT114A	Cloud computing	2	15	35	50
		CSDP114A	Cloud Computing Practical	2	15	35	50
		OR					
		CSDT114B	Artificial Intelligence	2	15	35	50
		CSDP114B	Artificial Intelligence Practical	2	15	35	50
		OR					
		CSDT114C	Web Services	2	15	35	50
		CSDP114C	Web Services Practical	2	15	35	50
		OR					
Core Compulsory Practical Paper	CSUP115	PPL and Database Technologies Practical	4	30	70	100	

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-II	Core Compulsory Theory Paper	CSUT121	Advanced Operating System	4	30	70	100
		CSUT122	Mobile Technologies	4	30	70	100
		CSUT123	Software Project Management	4	30	70	100
	Choice Based Optional Paper	CSDT124A	Project	2	15	35	50
		CSDP124A	Project related Assignments	2	15	35	50
		OR					
		CSDT124B	Human Computer Interaction	2	15	35	50
		CSDP124B	Human Computer Interaction Practical	2	15	35	50
		OR					
		CSDT124C	Soft Computing	2	15	35	50
		CSDP124C	Soft Computing Practical	2	15	35	50
		OR					
Core Compulsory Practical Paper	CSUP125	Practical on Advanced OS & Mobile Technologies	4	30	70	100	



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 Pattern	4	30	70	100
		CSUT232	Machine Learning	4	30	70	100
		CSUT233	Evolutionary Algorithms	4	30	70	100
	Choice Based Optional Paper	CSDT234A	Big Data	2	15	35	50
		CSDP234A	Big Data 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 Software Architecture and Design Pattern and Machine Learning	4	30	70	100	

Year/ Sem	Subject	Paper	Title of Paper	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-IV	Core	CSUIT241	Industrial Training /Institutional project	20			

IA :- Internal Assessment, UE :- University Examination



Rajmata Jijau Shikshan Parasarak Mandal's Art's, Commerce and Science
College Landewadi ,Bhosari Pune -39

M.Sc(CS) -II SEM -IV

A.Y. 2021-22 (CSUIT 261 - IT Project Exam)

GR.NO	Roll No	NAME	PROJECT NAME	Company Name
1	1	BARMUKH SHRADDHA SANJAY	Royal Sports Club	Mavericks The complete IT Solutions
	16	SANDBHOR POOJA RAJENDRA	Royal Sports Club	Mavericks The complete IT Solutions
2	2	BEJGAMWAR SUPRIYA H	Rosewood Furniture	Mavericks The complete IT Solutions
3	3	BHARAMBE MINESH DNYANDEO	Fitness Club	OMVSAB IT Solution
4	4	BRAMHANDE SAGAR GOPAL	College Management System	StanceCode Technology
5	5	CHADDA PRASHANT GOPALSINGH	RayBlu	Queenzend Web Solution
6	6	CHENKOTE CHETAN DEVAPPA	Any search near me	SGMS INFOTECH LLP
	9	KADUSKAR ABHISHEK SANJAY	any search near me	SGMS INFOTECH LLP
7	7	GAIKWAD JAYANT KANTARAM	car sell management system	Benchmark IT Solution
8	8	GILBILE SHRUTIKA SANTOSH	Smart Education System	CapsMatt IT services & IT Consulting
9	10	KHANDAVE KUNAL KAILAS	Agriculture Marketing	QuickYes Infotech LTD
	11	KHANDVE PRATIK MADHUKAR	Agriculture Marketing	QuickYes Infotech LTD
10	12	LOHAR PRANALI BHIMA	Total Airport Management System	Jai Vaishnavi IT Solutions
	19	SHELAR VAISHNAVI ANIL	Total Airport Management System	Jai Vaishnavi IT Solutions
11	13	MORE ROHIT UMAKANT	Xsoft Field Service	VR Software Solution
	24	NANAWARE ABHISHEK	Xsoft Field Service	VR Software Solution
12	14	PAWAR ANIKET ANIL	Bulk Mail Sender	Pawar Infotech PVT LTD
13	15	RENUSE VAISHNAVI SUNIL	Frooti veg	Mavericks The complete IT Solutions
14	17	SHAIKH MUSKAN AHAMAD	Fashion Boutique	Mavericks The complete IT Solutions
	18	SHEDAGE HARSHADA RAJENDRA	Fashion Boutique	Mavericks The complete IT Solutions
15	20	TAMHANE PRASHANT SANJAY	SMART RESUME BUILDER	VR Software Solution
16	21	VISHWAKARMA MOHIT MANOJ	Hospital Management system	StanceCode Technology
17	22	YADAV HRISHIKESH HANMANT	Hospital Management system	StanceCode Technology
18	23	YADNESH ANIL KULKARNI	Event Management system	SGMS INFOTECH LLP



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HOD-CS



**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)

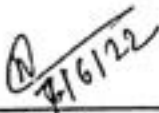
Department of Computer Science

CERTIFICATE

This is to certify that, BRAHMANDE SAGAR GOPAL, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project "COLLEGE-ELECTION SYSTEM"

, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022*.

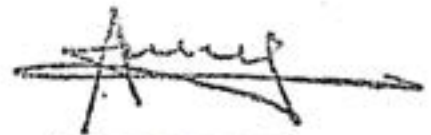
Exam Seat No: - 23573.


7/16/22

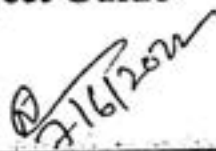
Project Guide



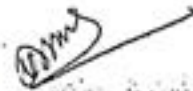
Head Of Dept.



Principal.


7/16/2022

Internal Examiner



External Examiner



Industry Expert

Date:-

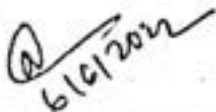


Rajmata Jijau Shikshan Prasarak Mandal's
Arts, Commerce & Science College,
Landewadi, Bhosari, Pune - 411039.
(Affiliated to Savitribai Phule Pune University & Approved by Government of Maharashtra)
Department of Computer Science

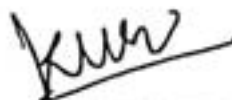
CERTIFICATE

This is to certify that, Jayant Kantaram Gaikwad, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project Car Sale Management System, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022*.

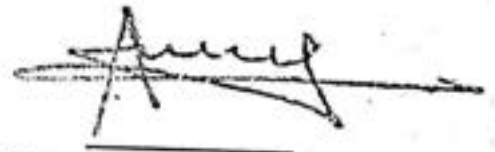
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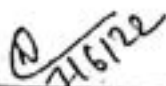
Project Guide



Head Of Dept



Principal


7/6/22

Internal Examiner



External Examiner



Industry Expert

Date:-



**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, Jayant Kantaram Gaikwad, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project Car Sale Management System, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year **2021-2022**.

Exam Seat No: -

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6/6/22

Project Guide

Kun

Head Of Dept

Arun

Principal

P
7/6/22

Internal Examiner

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External Examiner

Om

Industry Expert

Date:-



**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 ,Prashant GopalSingh Chadda, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project RayBlu, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022* .

Exam Seat No: -

A
6/06/2022

Project Guide

Kush

Head Of Dept

Anurag

Principal

Q
7/6/2022

Internal Examiner

Omms

External Examiner

[Signature]

Industry Expert

Date:-



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, Yadnesh Anil Kulkarni, a student of
M.Sc (Computer Science)-II Sem -IV has satisfactorily
completed the Project "Party Event Management System", as per the
syllabus laid down by the Savitribai Phule Pune University during
the academic year 2021-2022.

Exam Seat No: - 23581

Project Guide

Head Of Dept

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-



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, **Supriya Hanmantrao Bejgamwar**, a student of **M.Sc (Computer Science)-II Sem -IV** has satisfactorily completed the Project **Rosewood Furniture**, as per the syllabus laid down by the **Savitribai Phule Pune University** during the academic year **2021-2022** .

Exam Seat No: -

Project Guide

Head Of Dept

Principal

Internal Examiner

External Examiner

Industry Expert

Date:-



Rajmata Jijau Shikshan Prasarak Mandal's

Arts, Commerce & Science College,

Landewadi, Bhosari, Pune – 411039.

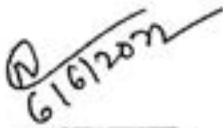
(Affiliated to Savitribai Phule Pune University & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that, Renuse Vaishnavi Sunil , a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project "Frooti Veg" , as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022* .

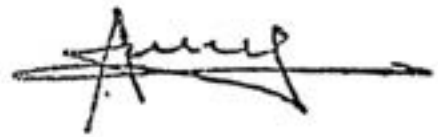
Exam Seat No: -


6/6/2022

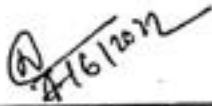
Project Guide



Head Of Dept



Principal


4/6/2022

Internal Examiner



External Examiner



Industry Expert

Date:-



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)

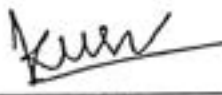
Department of Computer Science

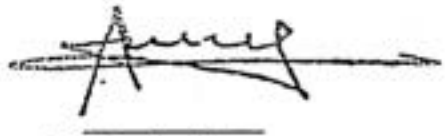
CERTIFICATE

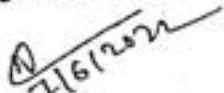
This is to certify that, **Supriya Hanmantrao Bejgamwar**, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project **Rosewood Furniture**, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022* .

Exam Seat No: -


6/6/2022
Project Guide


Head Of Dept


Principal


7/6/2022
Internal Examiner


External Examiner


Industry Expert

Date:-



**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)

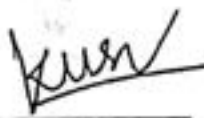
Department of Computer Science

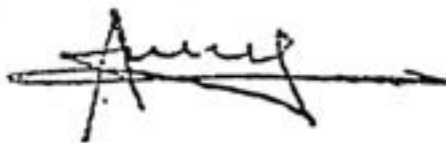
CERTIFICATE

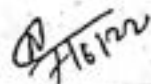
This is to certify that, *Shrutika Santosh Gilbilea* student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project Smart Education System, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022*.

Exam Seat No: -


Project Guide


Head Of Dept


Principal


Internal Examiner


External Examiner


Industry Expert

Date:-



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

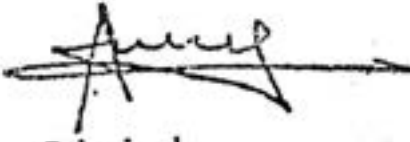
CERTIFICATE


This is to certify that ,BHARAMBE MINESH DNYANDEO ,a
Student of M.Sc. (Computer Science) Semester IV has satisfactorily
Completed the project FITNESS CLUB ,as per the syllabus laid down by the
Savitribai Phule Pune University during the academic year 2021-2022 and
entered up his/her Project here for currently and correctly.

Exam Seat No :-


Project Guide


Head of the Dept.


Principal


Internal Examiner


Industry Expert


External Examiner



**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, Shrutika Santosh Gilbilea student of
M.Sc (Computer Science)-II Sem -IV has satisfactorily
completed the Project Smart Education System, as per the
syllabus laid down by the *Savitribai Phule Pune University* during
the academic year *2021-2022*.

Exam Seat No: -

N 616/2022
Project Guide

Kun
Head Of Dept

Anurag
Principal

N 716/2022
Internal Examiner

Om
External Examiner

Ar
Industry Expert

Date:-



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

Landewadi, Bhosari, Pune - 411039.

(Affiliation To Savitribai Phule Pune University & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that, Yadav Hrishikesh Hanmant & Vishwakarma Mohit Manoj, a students of *M.Sc. (Computer Science) Semester IV* has satisfactorily completed the Project "HOSPITAL MANAGEMENT SYSTEM", as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022* and entered up his/her Project there for currently and correctly.

Exam Seat No:

Project Guide

Head of The Dept

Principle

External Examiner

Industry Expert

External Examiner

Date:



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

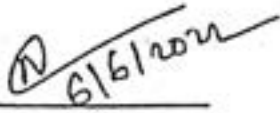
CERTIFICATE

This is to certify that 1)Mr.Chetan Devappa Chenkote

2)Mr.Abhishek sanjay kaduskar a

student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project 'Any Search near Me' as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year 2021-2022 .

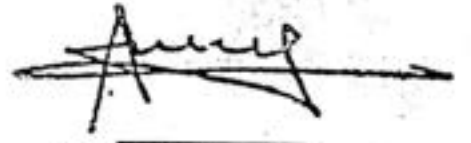
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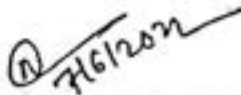
Project Guide



Head Of Dept



Principal



Internal Examiner



External Examiner



Industry Expert

Date:-



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

Landewadi, Bhosari, Pune – 411039.

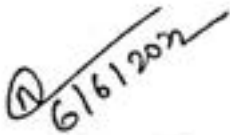
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Department of Computer Science

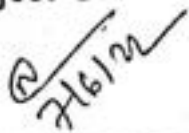
CERTIFICATE

This is to certify that, Barmukh Shraddha & Sandbhor Pooja, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project Royal Sports Club, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year *2021-2022*.

Exam Seat No: -


6/6/2022

Project Guide


7/6/22

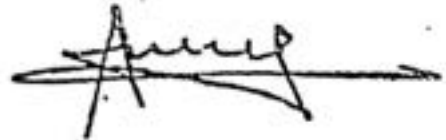
Internal Examiner



Head Of Dept



External Examiner



Principal



Industry Expert

Date:-



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

Landewadi, Bhosari, Pune – 411039.

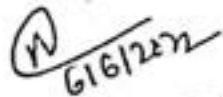
(Affiliated to Savitribai Phule Pune University & Approved by Government of Maharashtra)

Department of Computer Science

CERTIFICATE

This is to certify that, Abhishek Sunil Nanaware, a student of *M.Sc (Computer Science)-II Sem -IV* has satisfactorily completed the Project “Xsoft Field Service” , as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year 2021-2022 .

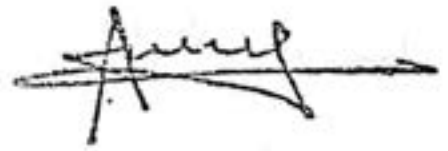
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6/6/22

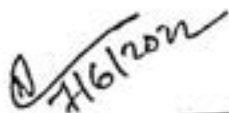
Project Guide



Head Of Dept



Principal


7/6/22

Internal Examiner



External Examiner



Industry Expert

Date:-



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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, **Aniket Anil Pawar**, a student of *M.Sc. (Computer Science)-II Sem -IV* has satisfactorily completed the Project Bulk Mail sender, as per the syllabus laid down by the *Savitribai Phule Pune University* during the academic year **2021-2022** .

Exam Seat No: -

216122

Project Guide

216122

Internal Examiner

Kush

Head of Dept

Om

External Examiner

Aniket

Principal

IV

Industry Expert

Date: -

SPPU, Pune
Revised Syllabi (2019 pattern) for three years B.Com. T.Y. B.Com.

Degree Course CBCS

Semester VI

Subject Name :- **Cost and Works Accounting, Special Paper II**

Course Code :- 365 – E

Subject Title :- Methods of Costing

Objectives:

1. To provide knowledge about the various methods of costing.
2. To understand the applications of different methods of costing in manufacturing and service industries.
3. To enable students to prepare cost statements under different types of manufacturing industries and Service Industries
4. To build the applicability of cost accounting standards in the method of costing.

Unit No.	Unit Title	Contents	Skills to be developed
1	Methods of Costing	1.1. Introduction to Methods of Costing. 1.2 Job Costing Meaning, Features, Advantages and Limitations (Simple problems Only) 1.3 Introduction of Batch costing- (theory Only)	a. Lerner will understand the various methods of costing b. Develop the ability to prepare a job cost sheet



**RAJMATA JIAJU SHIKSHAN PRASARK MANDAL'S
ACS COLLEGE, LANDEWADI, BHOSARI
T.Y.B.COM (2019 CBSC PATTERN) 2021-2022
BANKING (II & III) INTERNSHIP LIST**

Sr. No.	Name of the students	Internship company name
1	ADAK PRIYA MOHAN	TJSB BANK BHOSARI
2	ADHE LILADHAR HIMMATRAO	TJSB BANK BHOSARI
3	BADHE ROHIT RAJARAM	TJSB BANK BHOSARI
4	BANKAR MANTHAN SURESH	TJSB BANK BHOSARI
5	BHADKUMBE MOHINI PRAKASH	TJSB BANK BHOSARI
6	BHAMBERE PRAJAKTA SANTOSH	TJSB BANK BHOSARI
7	BHOR ANIKET NAMDEV	TJSB BANK BHOSARI
8	BHOSALE SAURABH RAJU	TJSB BANK BHOSARI
9	BHUSARE VAISHNAVI BALAJI	TJSB BANK BHOSARI
10	BIRAJDAR MAYUR DEVIDAS	TJSB BANK BHOSARI
11	BIRDAWADE NIKITA NITIN	TJSB BANK BHOSARI
12	BORHADE ONKAR NARAYAN	TJSB BANK BHOSARI
13	BURDE AKANKSHA ANKUSH	TJSB BANK BHOSARI
14	CHANDELE ABHISHEK RAJESH	TJSB BANK BHOSARI
15	CHOUDHARY SUFIYAN SULTAN	TJSB BANK BHOSARI
16	CHOUHAN PRADEEP SANTOSH	TJSB BANK BHOSARI
17	DESHMUKH SHRIKANT BALASAHEB	TJSB BANK BHOSARI
18	DEVIKAR PRATHAMESH SOMNATH	TJSB BANK BHOSARI
19	DHAKTODE SHITAL SANJAY	TJSB BANK BHOSARI
20	GADE RAKESH BALASAHEB	TJSB BANK BHOSARI
21	GAIKWAD PALLAVI BHASKAR	TJSB BANK BHOSARI
22	GAIKWAD PRATIK RAJENDRA	TJSB BANK BHOSARI
23	GAIKWAD RAHUL RAMCHANDRA	TJSB BANK BHOSARI
24	GAVALI ASHRUTA ARUN	TJSB BANK BHOSARI
25	GAVHANE PARAG DATTATRAY	TJSB BANK BHOSARI
26	GAVHANE PRANAYA SANJAY	TJSB BANK BHOSARI
27	GAWADE MEGHNA NANDU	TJSB BANK BHOSARI
28	GAWADE SURAJ SUNIL	TJSB BANK BHOSARI
29	GAWALI GAYATRI GANESH	TJSB BANK BHOSARI
30	GAWALI SHUBHAM SATISH	TJSB BANK BHOSARI
31	GAWALI SOURABH RAHUL	TJSB BANK BHOSARI
32	GAWARI NIKHIL SANJAY	TJSB BANK BHOSARI
33	GAWAS TRUPTI SURYAKANT	TJSB BANK BHOSARI
34	HAK AFTAB USMAN	TJSB BANK BHOSARI
35	JADHAV ASHISH SACHIN	TJSB BANK BHOSARI
36	JADHAV KUNAL YUVRAJ	TJSB BANK BHOSARI
37	JAGDALE NISHA NANDULAL	TJSB BANK BHOSARI
38	JAWARE PRADNYA BHARAT	TJSB BANK BHOSARI
39	JAYBHAYE POONAM NARAYAN	TJSB BANK BHOSARI
40	KADAM OMKAR SURESH	TJSB BANK BHOSARI
41	KAMBLE PRITESH RAJU	TJSB BANK BHOSARI

Barotekar



Aramani

Jayashree Aramani

42	KATE PRANITA ROHIDAS	TJSB BANK BHOSARI
43	KESARKAR RUTUJA GOPAL	TJSB BANK BHOSARI
44	KHAN HUSNA ALINAWAZ	TJSB BANK BHOSARI
45	KHANEKAR SHIRUTI ANKUSH	TJSB BANK BHOSARI
46	KHARE ANIKET FAKIRA	TJSB BANK BHOSARI
47	KUDALE SAURABH RAMESH	TJSB BANK BHOSARI
48	KUMBHAR ARCHANA SANTOSH	TJSB BANK BHOSARI
49	LOHAR PRATIK VASUDEV	TJSB BANK BHOSARI
50	LONDHE NIRANJAN ANIL	TJSB BANK BHOSARI
51	LONDHE SOHAM ANIL	TJSB BANK BHOSARI
52	MANE SOHAN SACHIN	TJSB BANK BHOSARI
53	MAURYA ARADHANA UMESH	TJSB BANK BHOSARI
54	MULANI SADDAM YUNUS	TJSB BANK BHOSARI
55	NAIR SREEJITH SREEDHARAN	TJSB BANK BHOSARI
56	PADALE GAURAV SANJAY	TJSB BANK BHOSARI
57	PANDIT ADITYA RAJENDRA	TJSB BANK BHOSARI
58	PATTEBAHADUR PANKAJ UTTAM	TJSB BANK BHOSARI
59	PAWAR TEJAS RAJENDRA	TJSB BANK BHOSARI
60	PHALLE KULDEEP SHRIKRISHNA	TJSB BANK BHOSARI
61	RASKAR ABHISHEK SATISH	TJSB BANK BHOSARI
62	SAH VISHALRAJ MANOJKUMAR	TJSB BANK BHOSARI
63	SANA KARIMUDDIN SHAIKH	TJSB BANK BHOSARI
64	SATAV PRASAD DATTATRAY	TJSB BANK BHOSARI
65	SAWALSURE MALHARI BHAGWAN	TJSB BANK BHOSARI
66	SAWANT NIKHIL KUNDLIK	TJSB BANK BHOSARI
67	SHAIKH MUSKAN ANIS	TJSB BANK BHOSARI
68	SHAIKH TAUSIF ISMAIL	TJSB BANK BHOSARI
69	SHARMA BITTU HARENDRA	TJSB BANK BHOSARI
70	SHINDE MANASI RATNAKAR	TJSB BANK BHOSARI
71	SHINDE MRUNALI KUNDAN	TJSB BANK BHOSARI
72	SHINDE NIRMALA SANJAY	TJSB BANK BHOSARI
73	SHINDE SANKET BALIRAM	TJSB BANK BHOSARI
74	SINGH VISHAL KAMALKISHOR	TJSB BANK BHOSARI
75	SONDKAR VISHAL BAJIRAO	TJSB BANK BHOSARI
76	SONURLE VIJAYA DILIPRAO	TJSB BANK BHOSARI
77	SULAKUNTI YASH DEEPAK	TJSB BANK BHOSARI
78	SURAJ GORE	TJSB BANK BHOSARI
79	SUTKAR BABASAHEB BALU	TJSB BANK BHOSARI
80	TAPKIR ABHIJEET ANIL	TJSB BANK BHOSARI
81	TATE KOMAL KAILAS	TJSB BANK BHOSARI
82	TOKE AKASH ARJUN	TJSB BANK BHOSARI
83	VANARSE DIPAK RAJENDRA	TJSB BANK BHOSARI
84	WALKOLI GAURI KESHAV	TJSB BANK BHOSARI
85	ZANZANE YOGIRAJ MARUTI	TJSB BANK BHOSARI
86	ZITE ASHWINI BALASAHEB	TJSB BANK BHOSARI
87	ALHAT DIPTI SHARAD	TJSB BANK BHOSARI
88	ALHAT SHRUSHTI ASHOK	TJSB BANK BHOSARI

Danekar



89	BARAVKAR SWAPNIL VITTHAL	TJSB BANK BHOSARI
90	BHOSALE MRUNMAYI VISHWANATH	TJSB BANK BHOSARI
91	BHOSALE RANIK ANIL	TJSB BANK BHOSARI
92	BHOSALE SAI VITTHAL	TJSB BANK BHOSARI
93	BHOSALE VAISHNAVI ANIL	TJSB BANK BHOSARI
94	BIRADAR SHUBHAM SOPANRAO	TJSB BANK BHOSARI
95	BIRADAR VAISHALI BABURAO	TJSB BANK BHOSARI
96	BURDE ADESH DATTATRAY	TJSB BANK BHOSARI
97	CHAUDHARI SAYALI SANJAY	TJSB BANK BHOSARI
98	CHAVAN DHANASHREE KISHOR	TJSB BANK BHOSARI
99	CHAVAN KOMAL UDDHAV	TJSB BANK BHOSARI
100	CHAVAN KRUTIKA VIDYADHAR	TJSB BANK BHOSARI
101	CHAVAN VAISHNAVI ARUN	TJSB BANK BHOSARI
102	CHAVHAN RAHUL SHANKAR	TJSB BANK BHOSARI
103	DAI VI VIPUL SANJAY	TJSB BANK BHOSARI
104	DEOKAR SHIVANI RAMESH	TJSB BANK BHOSARI
105	DESAI KIRAN KRISHNA	TJSB BANK BHOSARI
106	DHAWARE SNEHAL DADASAHEB	TJSB BANK BHOSARI
107	GADE YOGESH UTTAM	TJSB BANK BHOSARI
108	GAIKWAD AKANKSHA MILIND	TJSB BANK BHOSARI
109	GAWADE HEMLATA EKNATH	TJSB BANK BHOSARI
110	GAWAS ARPITA ANAND	TJSB BANK BHOSARI
111	GHANGURDE POOJA ASARAM	TJSB BANK BHOSARI
112	HARGUDE VAISHNAVI BABASAHEB	TJSB BANK BHOSARI
113	JADHAV OMKAR GORAKH	TJSB BANK BHOSARI
114	JAYBHAY PRATHAMESH BAPPA	TJSB BANK BHOSARI
115	KADAM DISHA DAULATRAO	TJSB BANK BHOSARI
116	KADAM LAXMI BALU	TJSB BANK BHOSARI
117	KADAM VAISHNAVI ANIL	TJSB BANK BHOSARI
118	KAMANDAR ARATI NARAYAN	TJSB BANK BHOSARI
119	KAMBLE DEVKUMAR DIGAMBAR	TJSB BANK BHOSARI
120	KAMBLE MOHINI SHIVAJI	TJSB BANK BHOSARI
121	KAMBLE PRAJWAL SATISH	TJSB BANK BHOSARI
122	KAMBLE SANDIP BHASKAR	TJSB BANK BHOSARI
123	KARALE SHUBHAM MACHINDRA	TJSB BANK BHOSARI
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125	KATORE ABHIJEET JAIRAM	TJSB BANK BHOSARI
126	KORISHETTI LAXMI RAJSHEKHAR	TJSB BANK BHOSARI
127	KUNJIR AKASH BALASAHEB	TJSB BANK BHOSARI
128	LANDE GAURI RAJENDRA	TJSB BANK BHOSARI
129	LANDGE SAKSHI SANTOSH	TJSB BANK BHOSARI
130	LENDE GAURAV DATTATRAYA	TJSB BANK BHOSARI
131	LOKHANDE HARSHADA SHIVAJI	TJSB BANK BHOSARI
132	LOKHANDE VAISHNAVI SURESH	TJSB BANK BHOSARI
133	LONKAR SUJIT SURYAKANT	TJSB BANK BHOSARI
134	MADJE AKASH RAMESH	TJSB BANK BHOSARI
135	MANE NISHAD ANIL	TJSB BANK BHOSARI
136	MANSURI ALTAMASH SHAIKH RAJU	TJSB BANK BHOSARI

Darebekar



137	MATANKAR VANDANA MURLIDHAR	TJSB BANK BHOSARI
138	MIDGULE PRANAY UTTAM	TJSB BANK BHOSARI
139	MUNGASE PRASAD DEVANAND	TJSB BANK BHOSARI
140	NAIKARE SHRADDHA RAJENDRA	TJSB BANK BHOSARI
141	PADGHAM VISHAL DASHRATH	TJSB BANK BHOSARI
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151	PAWAR SHRINATH ANIL	TJSB BANK BHOSARI
152	PHULE PRADNYA RAM	TJSB BANK BHOSARI
153	RATHOD AKASH ANKUSH	TJSB BANK BHOSARI
154	RATHOD SAURABH SHIVAJI	TJSB BANK BHOSARI
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157	SHAIKH FARIDA SAMAD	TJSB BANK BHOSARI
158	SHELKE VAISHNAVI DEVIDAS	TJSB BANK BHOSARI
159	SHEVKARI PRATHMESH LAXMAN	TJSB BANK BHOSARI
160	SHINDE AJAY SANJAY	TJSB BANK BHOSARI
161	SHINDE PRANALI BALASAHEB	TJSB BANK BHOSARI
162	SINGH ACHAL NAGENDRA	TJSB BANK BHOSARI
163	SONAWANE KETANA SURESH	TJSB BANK BHOSARI
164	SONTAKKE GANESH PANDURANG	TJSB BANK BHOSARI
165	SULKE DEEPAK DATTATRAY	TJSB BANK BHOSARI
166	SURYAWANSHI GAURI SANJAY	TJSB BANK BHOSARI
167	TAMHANE TEJAS SUNIL	TJSB BANK BHOSARI
168	TAPKIR RUTUJA RAMDAS	TJSB BANK BHOSARI
169	THORAT POOJA SANDEEP	TJSB BANK BHOSARI
170	TULEKAR ASHITOSH SANTOSH	TJSB BANK BHOSARI
171	TUPE ABHISHEK KISAN	TJSB BANK BHOSARI
172	UBALE AKANKSHA UDDHAV	TJSB BANK BHOSARI
173	WAGHMARE ROHIT SUNIL	TJSB BANK BHOSARI
174	WAKALE ASHWINI BALUBHAI	TJSB BANK BHOSARI
175	WALUNJKAR SAURABH BHAGAWAT	TJSB BANK BHOSARI

Darabekar



**RAJMATA JIAJU SHIKSHAN PRASARK MANDAL'S
ACS COLLEGE, LANDEWADI, BHOSARI
T.Y.B.COM (2019 CBSC PATTERN) 2021-2022
COSTING (II & III) INTERNSHIP LIST**

SR.NO.	NAME OF THE STUDENTS	INTERNSHIP COMPANY NAME
1	ADSUL PARAG TANAJI	OM INDUSTRIES, TALAWADE .PUNE
2	BARATE ANUSHKA VIJAY	SUPER INFOTECH SOLUTION PVT. LTD. KHED
3	BHAGAT SHUBHANGI MADHUKAR	SANGAM INSTRUMENT CHIKHALI
4	BHOITE NEHA NAVNATH	SHRI SIDHARTH ENTERPRISE BHOSARI
5	BHOSALE TEJASVI NITIN	OM INDUSTRIES, TALAWADE .PUNE
6	BIRADAR SUYOG ANKUSH	FIFO ENGINEERING BHOSARI
7	BIRADAR VAISHALI BABURAO	OM INDUSTRIES, TALAWADE .PUNE
8	BOLI SANKET HANUMAPPA	SHRI SIDHARTH ENTERPRISE BHOSARI
9	BORSE ATHARVA RAKESH	INDIAN STRUCTURE CLEANING DHIGHI
10	BORSE SAMRUDDHI VISHWANATH	PAWAR CONSTRUCTION BOPHAKE
11	CHAUHAN KRISHNA RAMANAND	RAHUL ENGINEERING BHOSARI
12	CHAVAN DHANASHREE KISHOR	OM INDUSTRIES, TALAWADE .PUNE
13	CHAVAN KOMAL UDDHAV	FIFO ENGINEERING BHOSARI
14	CHAVAN KRUTIKA VIDYADHAR	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
15	CHAVAN SANKET ANKUSH	HARMONY STEEL FURNITURE SHEL PIMPALGAON
16	DALVI VIPUL SANJAY	FIFO ENGINEERING BHOSARI
17	DESHMUKH AKSHAY RAMAKANT	RAHUL ENGINEERING BHOSARI
18	DHAGE DINESH SUNIL	VISA ENGINEERING BHOSARI
19	DHAWARE SNEHAL DADASAHEB	ACME TOOLS BHOSARI
20	DOLAS POOJA BABURAO	OM BHAGYA ENGINEERING MOSHI
21	DOMBALE MAYA BAPURAO	FIFO ENGINEERING BHOSARI
22	GADE KUNAL DIPAK	FIFO ENGINEERING BHOSARI
23	GAIKWAD POOJA SHANKAR	PAWAR CONSTRUCTION BOPHAKE
24	GAVHANE NIKITA PRAVIN	OM INDUSTRIES, TALAWADE .PUNE
25	GAWANDE MONIKA VITTHAL	SHRI SIDHARTH ENTERPRISE BHOSARI
26	GHULE AKANKSHA GOPINATH	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
27	GODSE DIVYA SANTOSH	OM INDUSTRIES, TALAWADE .PUNE
28	GORDE SUMIT SANTOSH	HARMONY STEEL FURNITURE SHEL PIMPALGAON
29	GORE AARTI VIKAS	SANGAM INSTRUMENT CHIKHALI
30	GUNDA JAYASHREE SIDDHAPPA	PAWAR CONSTRUCTION BOPHAKE
31	GUPTA AMARENDRA RAMRAKSHA	RAHUL ENGINEERING BHOSARI
32	HINGE NIKHIL VILAS	NIKHIL ENTERPRISES BHOSARI
33	HINGE RUTUJA DNYANESHWAR	FIFO ENGINEERING BHOSARI
34	IDHATE DEEPAK RAJU	RAHUL ENGINEERING BHOSARI
35	JADHAV AKSHATA GOVIND	PAWAR CONSTRUCTION BOPHAKE
36	JADHAV VRUSHALI KALYAN	PAWAR CONSTRUCTION BOPHAKE
37	JAGTAP TEJASHRI ARUN	RAHUL ENGINEERING BHOSARI
38	JAGTAP YASH VILAS	SHRI SIDHARTH ENTERPRISE BHOSARI
39	JAISWAL SANDIP SURESH	FIFO ENGINEERING BHOSARI
40	KALE JAYSHREE NAVANATH	CREATION MEDIA BHOSARI
41	KALE PRANAV RAVINDRA	OM INDUSTRIES, TALAWADE .PUNE
42	KALE RUTUJA DINESH	INTER TELLER ENGINEERING BHOSARI

Sunito
[Signature]



Aramani
Jayashree Aramani

43	KALE SHANTANU NARENDRA	VISA ENGINEERING BHOSARI
44	KALJE ABHIRAJ RAJENDRA	ABHI RESTO CHAROLI
45	KALJE GAYATRI DNYANESHWAR	HARMONY STEEL FURNITURE SHEL PIMPALGAON
46	KALJE SAKSHI DILIP	PAWAR CONSTRUCTION BOPHAKEL
47	KALJE SAYALI RAMDAS	DR. PRAVIN V. MOHITE BHOSARI
48	KAMBALE PRAGATI SANJAY	SHRI SIDHARTH ENTERPRISE BHOSARI
49	KHADKE ROHIT PRAKASH	SCREWTECH ENGINEERING PVT. LTD.
50	KHAIRE SAURABH SHIVAJI	SHIVAM ENTERPRISES BHOSARI
51	KOTWAL MUSKAN TAYYAB	OM INDUSTRIES, TALAWADE .PUNE
52	KSHETRI KAJAL KHEMSING	BRIHANS LABORATOY PVT. LTD. CHAKEN
53	KURHADE VIVEK MAHENDRA	PAWAR CONSTRUCTION BOPHAKEL
54	LAD ASHWINI ASHOK	FIFO ENGINEERING BHOSARI
55	LANDGE BHAGYASHREE SANJAY	FIFO ENGINEERING BHOSARI
56	LANDGE DNYANESHWARI SUNIL	PAWAR CONSTRUCTION BOPHAKEL
57	LOKHANDE RUTUJA RAJESH	RAHUL ENGINEERING BHOSARI
58	MALI VINAYAK HANMANT	FIFO ENGINEERING BHOSARI
59	MANCHEKAR HARSHALA DINESH	FIFO ENGINEERING BHOSARI
60	MANE SANKET SAMPAT	SHRI SIDHARTH ENTERPRISE BHOSARI
61	MAURYA ARADHANA UMESH	OM INDUSTRIES, TALAWADE .PUNE
62	MEHARA CHANDANSINGH GANGASINGH	SUPER INFOTCH SOLUTION PVT. LTD. KHED
63	MISHRA MONIKA SUMAN	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
64	MORE TANUJA PANDURANG	OM INDUSTRIES, TALAWADE .PUNE
65	MUGLE MINAL MADHUKAR	VISA ENGINEERING BHOSARI
66	MUNJAL MRUNALI RAJENDRA	SHAHA & CO. BHOSARI
67	NAIK ANAGHA PRADIP	RAHUL ENGINEERING BHOSARI
68	NALAWADE SNEHA RAMESH	SHRI SIDHARTH ENTERPRISE BHOSARI
69	NANDE ANURADHA LAXMAN	OM INDUSTRIES, TALAWADE .PUNE
70	NANDE PRATIK TANAJI	OM INDUSTRIES, TALAWADE .PUNE
71	NARAYANI MANISHA RAMNATH	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
72	NAWALE SAURABH SHIVAJI	FIFO ENGINEERING BHOSARI
73	NETKE SHUBHAM BAPU	FINE SERVICES BHOSARI
74	PACHARNE TEJAS MUKUND	SUPER INFOTCH SOLUTION PVT. LTD. KHED
75	PADAMAWAR SEJAL RAMCHANDRA	OM INDUSTRIES, TALAWADE .PUNE
76	PARANDE DIPESH SANDIP	OM INDUSTRIES, TALAWADE .PUNE
77	PARKAD ROHIT SHASHIKANT	FIFO ENGINEERING BHOSARI
78	PATANKAR SAHIL SHIVAJI	OM INDUSTRIES, TALAWADE .PUNE
79	PATRIMATH BASAMA MANATHIYA	SHRI SIDHARTH ENTERPRISE BHOSARI
80	PAWAR ANJALI RAJENDRA	PAWAR CONSTRUCTION BOPHAKEL
81	PAWAR PRANITA SUNIL	BRIHANS LABORATORY PVT. LTD. BHOSARI
82	PAWAR PRIYANKA SONESH	PAWAR CONSTRUCTION BOPHAKEL
83	PHUGE KAJAL ANIL	HARMONY STEEL FURNITURE SHEL PIMPALGAON
84	POL JIVAN HANUMANT	RUBY AILCARE SERVICES Y.C.M. PIMPRI
85	PRASAD SHRADDHA SURENDRA	PAWAR CONSTRUCTION BOPHAKEL
86	RAJPUT JAYBHANSINGH KARANSINGH	VISA ENGINEERING BHOSARI
87	RANJAVAN SHWETA DHARAMARAJ	FIFO ENGINEERING BHOSARI
88	RATHOD AKASH ANKUSH	SUPER INFOTCH SOLUTION PVT. LTD. KHED

Sunita



Aramani
Jayashree Aramani

89	RAWOOL SUCHITA KHEMA	PAWAR CONSTRUCTION BOPHAKEL
90	SABHAWAT MAYURI BALU	FIFO ENGINEERING BHOSARI
91	SADAKAL AKSHADA GABAJI	M/S. AVINASH LONDHE ASSOCIATION CHIKHALI
92	SAH VISHALRAJ MANOJKUMAR	OM INDUSTRIES, TALAWADE .PUNE
93	SAINI SHALU TEJPAL	SHRI SIDHARTH ENTERPRISE BHOSARI
94	SANDBHOR VINAYAK SANTOSH	SHRI SIDHARTH ENTERPRISE BHOSARI
95	SASANE DIVYA VIJAY	RAHUL ENGINEERING BHOSARI
96	SHAIKH SALIM BABLU	FIFO ENGINEERING BHOSARI
97	SHARMA NISHA UMASHANKAR	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
98	SHARMA RAJ VIJAYKUMAR	OM INDUSTRIES, TALAWADE .PUNE
99	SHINDE GAYATRI SANJAY	SUPER INFOTECH SOLUTION PVT. LTD. KHED
100	SHINDE SANKET BALIRAM	UMESH SHINDE & CO. TAX CONSULTANT BHOSARI
101	SINGH KAJAL ASHWINIPRASAD	RAHUL ENGINEERING BHOSARI
102	SINGH NIKITA RAMPRATAP	DOSHI ASSOCIATES PIMPRI
103	SINGH NIRAJKUMAR RAJARAM	FIFO ENGINEERING BHOSARI
104	SONAWANE ANIKET MARUTI	P.K.MAHAJAN & CO. TAX CONSULTANT BHOSARI
105	SONAWANE SAYALI SUDHIR	SANGAM INSTRUMENT CHIKHALI
106	TAMBE AFAN FAIYAZ	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
107	TAPHARE GAURI SURESH	OM INDUSTRIES, TALAWADE .PUNE
108	THAKUR DIVYA VIJAYSINGH	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
109	THITTE INDRAYANI SUNIL	MALIKARJUN S. BANKAPURE ENGINEERINGr ,MANJARI
110	THOKAL TEJAS VITTHAL	VISA ENGINEERING BHOSARI
111	THORPE MOASEF MAJID	FIFO ENGINEERING BHOSARI
112	TODKAR POOJA JITENDRA	C.M.PHUGE & CO. TAX CONSULTANT'S BHOSARI
113	TRIVEDI PRAGYA RAMNARESH	RAHUL ENGINEERING BHOSARI
114	TULEKAR ASHITOSH SANTOSH	BRIHANS LABORATOY PVT. LTD. CHAKEN
115	VASMATKAR ATHRAV MANOJRAO	OM INDUSTRIES, TALAWADE .PUNE
116	VISHWAKARMA VISHAL VINOD	SUPER INFOTECH SOLUTION PVT. LTD. KHED
117	WADAR SAKSHI SANJAY	RAHUL ENGINEERING BHOSARI
118	WAGHMODE NIKITA BHAUSAHEB	OM INDUSTRIES, TALAWADE .PUNE
119	YADAV PRADEEP JITENDRA	SHRI SIDHARTH ENTERPRISE BHOSARI
120	YADAV RAJESH BHOGENDR	SANGAM INSTRUMENT CHIKHALI
121	JADHAV ARCHANA BHIMASHANKER	OM INDUSTRIES, TALAWADE .PUNE
122	SULKUNTI YASH DEEPAK	SUPER INFOTECH SOLUTION PVT. LTD. KHED

Divya
[Signature]



Aramani
Jayashree Aramani

RAJMATA JIJAU SHIKSHAN PRASARAK 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

DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that,

Mr Miss Sonurle Vijaya Diliprao of
T.Y.B.Com Division A and Roll No. 258 has satisfactorily
completed Internship in the Special Subject Banking and Finance – II & III
(Semester V/VI) as laid down by the Savitribai Phule Pune University for the
academic year 2021-2022.

Dandekar
Subject Teacher

D. Aman
Head of the Dept.



Arun
Principal

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

EXAMINATION

Exam Seat No. 84415

Date: 17/05/2022

[Signature]

External Examiner

[Signature]

Internal Examiner

RAJMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
Arts, Commerce & Science College, Landewadi, Bhosari, Pune-39

Affiliated to Savitribai Phule Pune University

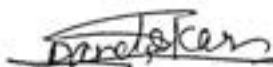
ISO 9001:2015, ISO 14001:2015, NAAC Accredited with 'B' Grade

DEPARTMENT OF COMMERCE

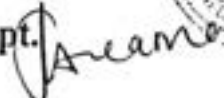
CERTIFICATE

This is to certify that,

*Mr. Miss Gaubane · Pranava · Ganjay · of
T.Y.B.Com Division A (eng) and Roll No. 67 has satisfactorily
completed Internship in the Special Subject Banking and Finance – II & III
(Semester V/VI) as laid down by the Savitribai Phule Pune University for the
academic year 2021-2022.*


Subject Teacher



Head of the Dept. 



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

EXAMINATION

Exam Seat No. 84336

Date: 17/05/2022


External Examiner


Internal Examiner

RAJMATA JIJAU SHIKSHAN PRASARAK 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

DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that,

Mr. Miss KADAM DISHA DAVLATARAO of
T.Y.B.Com Division B and Roll No. 103 has satisfactorily
completed Internship in the Special Subject Banking and Finance – II & III
(Semester V/VI) as laid down by the Savitribai Phule Pune University for the
academic year 2021-2022.

Shital

Subject Teacher

Anam

Head of the Dept.



Anam
Principal

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

EXAMINATION

Exam Seat No. 84351

Date: 16/05/2022

Ram

External Examiner

Darshakar

Internal Examiner

RAJMATA JIJAU SHIKSHAN PRASARAK 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

DEPARTMENT OF COMMERCE

CERTIFICATE

This is to certify that,

Mr Miss Santakke Ganesh Pandurang of
TY B.Com Division A and Roll No. 257 has satisfactorily
completed Internship in the Special Subject Banking and Finance - II & III
(Semester V & VI) as laid down by the Savitribai Phule Pune University for the
academic year 2021-2022.

Shital
Subject Teacher

Puman
Head of the Dept.



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

EXAMINATION

Exam Seat No. 84414

Date: 17/05/2022

Teenu
External Examiner

[Signature]
Internal Examiner

VISA ENGINEERS

ISO 9001: 2015 CERTIFY COMPANY

All types of Jig Fixture & Job works

W - 264 , 'S' Block , Indrayani Nagar., MIDC , Bhosari Pune - 26

Ref. No. :

Date: 12/02/2022

INTERNSHIP COMPLETION CERTIFICATE

To,
The Principal,
RISPM College,
Bhosari.

Subject: Internship Completion Certificate.....

Dear Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1	Dhage Dinesh sunil	49447	5406 2176 4798	Cost And Work Accounting - II & III
2	Kale Shantanu Narendra		9702 1121 6279	Cost And Work Accounting - II & III
3	Mugle Minal Madhukar		6987 5982 0035	Cost And Work Accounting - II & III
4	Thokal Tejas Vitthalrao		2230 9747 4735	Cost And Work Accounting - II & III


These student have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.

Sincerely,


Name & Signature
(Authorised Signatory)



INTERNSHIP COMPLETION CERTIFICATE

To,
The Principal,
Rajmata Jijau Shikshan Prasarak Mandal ,
Landewadi, Bhosari, Pune-411039

Subject: Internship Completion Certificate

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
I.	Thakur Divya Vijaysingh		859462300100	Cost & Works Accounting II & III

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

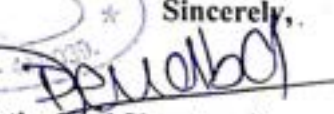
I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.



Sincerely,


Pundlik Balji Devaba (Authorised Signatory)



FINE SERVICES



- Sales & Services
- Material Testing machines
- Metallurgical & Accessories
- Spares & Accessories
- Servicing & Calibration

Add : Ramnagar Housing Complex,
"Swapnapurti" Building No.: - A-20/2,
Surve No.-682/1, Bhosari, Pune - 411039
Mobile No.:9623049376
E mail : fineservicespuna@gmail.com

INTERNSHIP COMPLETION CERTIFICATE

To,
The Principal,
RJSPM College,
Bhosari.

Subject: Internship Completion Certificate.....

Dear Madam/Sir,

I am happy to inform you that following students of your college have successfully Completed the 'Sixty Hours Internship Programmed' in this organization.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Shubham Babu Netke		429440082080	Cost and Work Accounting
2.				

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.


Sincerely,
Aakash Sawant

Aakash Sawant



Indian Structure Cleaning Co.

- INDUSTRIAL COBWEBS CLEANING
- FACADE CLEANING

INTERNSHIP COMPLETION CERTIFICATE

To,
The Principal,
RISPM College,
BUDSARI (Place)

Subject: Internship Completion Certificate

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	ATHARVA BORSE		2189 5060	Cost & Works
2.			4699	ACCOUNTING
3.				
4.				
5.				
6.				
7.				
8.				

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations. I wish them every success in future endeavors.

Thank you.

Sincerely,
LALIT MANDGE *Lalit S.*
Name & Signature (Authorised Signatory)





SUPR INFOTECH SOLUTION PRIVATE LIMITED
ISO 9001: 2015
CERTIFY COMPANY

Grocery/fnv packing and dispatch work
Khata no.53/1 bhujbal wearhouse, kuruli,taluka-khed,pune,maharashtra

To,
The Principal,
RJSPM College,
Bhosari Subject: Internship Completion Certificate

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of Student	Roll No.	Adhar No.	Special Subject
1	Yash Deepak Sulakunti	146	942481250627	Cost & Accounting II & III

These students have been provided with adequate exposure and necessary hands- on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.

Sincerely,
Name & Signature (Authorized Signatory)



INTERNSHIP COMPLETION CERTIFICATE

To,
The Principal,
Rajmata Jijau Shikshan Prasarak Mandal,
Landewadi, Bhosari, Pune-411039

Subject: Internship Completion Certificate

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
I.	Chavan Komal Uddhav		329989718691	Cost & Works Accounting II & III

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.



Pundlik Balaji Devaba
Sincerely,

Pundlik Balaji Devaba (Authorised Signatory)

INTERNSHIP COMPLETION CERTIFICATE

Letter Head of the Internship Provider Organization

To,

The Principal,

R.J.S.P.M. College,
Gandhinadi (Libesraji) (Place)

Subject : Internship Completion Certificate.....

Dear Madam / Sir,

I am happy to inform you that following students of your college have successfully completed the 'Fourty Eight Hours Internship Programme' in this organization.

Sr.No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1	Kajal K Hemant Lakshari	55	6258 7506 7361	costing
2				
3				

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.

Sincerely,



Name & Signatory
(Authorized Signatory)



East West Classic, Plot no 93, Sector No. 6 Sant Nagar, Moshi, Pune,
Maharashtra 412105

Ref.no.

Date: 10/02/2022

INTERSHIP COMPLETION CERTIFICATE

To,

The Principle OF RJSPM College, Bhosari.

SUBJECT: Internship Cmpletion Certificate..

Dear Sir,

I am happy to inform you that the student of your college have successfully completed the 'sixty hours intership programme' in this firm.

SR.NO	Name of student	Roll No	Aadhar No.	Special Subject
1.	Kale Jayshree Navnath	63		Cost and works accounting-1 and 2

These student have been provided with adequate exposure and necessary hands on traning pertaining to their special subject.

I am confident that the students will perform effectively in similar type of organisation.

Thank you.

Sincerely

Name and signature

REY CREATION MEDIA

Proprietor

INTERNSHIP COMPLETION CERTIFICATE

Letter Head of the Internship Provider Organization

To,

The Principal,

R. J. S. P. M. College,
Bhosari Kundark (Place)

Subject : Internship Completion Certificate.....

Dear Madam / Sir,

I am happy to inform you that following students of your college have successfully completed the ' Fourty Eight Hours Internship Programme' in this organization.

Sr.No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1	Pranita sunil Pawar		82 96916022 64	costing
2				
3				

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.

Sincerely,



[Signature]

Name & Signatory
(Authorized Signatory)



Savitribai Phule Pune University

(Formerly University of Pune)

Three Year B.Sc. Degree Program in Biotechnology

(Faculty of Science & Technology)

F.Y. B. Sc. (Biotechnology)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2019-2020



Preamble of the Syllabus:

Biotechnology has expanded and established as an advanced interdisciplinary applied science. The study of Life itself is at the core of it and the interdisciplinary networking potential of biotechnology has given it a separate status in fundamental research as well as in modern industrial enterprise. Global and local focus has slowly shifted to not only current "Century of Knowledge" but also on to technology development and application in life sciences. In the milieu of research and industrialization for economic development and social change, biotechnology is an ideal platform to work.

The interdisciplinary nature of biotechnology integrates living systems including animal, plant and microbes and their studies from molecular biology to cell biology, from biochemistry to biophysics, from genetic engineering to stem cell research, from bioinformatics to genomics-proteomics, from environmental biology to biodiversity, from microbiology to bioprocess engineering, from bioremediation to material transformation and so on. The relevance and application of these studies on living organisms and their bioprocesses is extensively covered in this field with the help of technology. Green revolution and white revolution was possible in India thanks to the deeper and intrinsic understanding of biotechnology.

Economic and social renaissance is staged on biotechnology especially, since it's biomedical and cutting edge technological applications are tremendously powerful in shaping this century and exciting future. Biotechnologists are always in demand as an efficient work force in fundamental research and industries. Education and research sectors require such interdisciplinary trained work force to develop future generations of science leaders. Career opportunities for graduate students are created and expanding at the biotechnology parks and in manufacturing industries, teaching, research institutes and IT industry.

The restructures syllabus is a choice based credit system with semester pattern. Biotechnology has grown extensively in last couple of decades. The syllabi till today had been sufficient to cater to the needs of students for building up their careers in industry and research. However, with the changing scenario at local and global level, we feel that the syllabus orientation should be altered to keep pace with developments in the education and industrial sector.

The need of the hour is to design appropriate syllabi that emphasize on teaching of technological as well as the economical aspects of modern biology. The proposed credit based curriculum ensures the requirement of academia and industry. Theory supplemented with extensive practical skill

sets will help a graduate student to avail the opportunities in the applied fields (research, industry or institutions) without any additional training. Thus, the university/college itself will be developing the trained and skilled man-power. Biotechnology being an interdisciplinary subject, this restructured syllabus will combine the principles of physical, chemical and biological sciences along with developing advanced technology.

Biotechnology curricula are operated at two levels viz. undergraduate and postgraduate. The undergraduate curricula are prepared to impart primarily basic knowledge of the respective subject from all possible angles while postgraduate syllabus emphasizes on more applied courses. In addition, students are to be trained to apply this knowledge particularly in day-to-day applications of biotechnology and to get a glimpse of research.

The basic aim of the revised course curriculum is to integrate various disciplines of life sciences which will cater the needs of human resources in academia and industry. The Overall objective of the Program is to promote education and research in biotechnology and provide academic and professional excellence for immediate productivity in academics, government organization, biomedical sectors, health and nutrition settings for ultimate benefit of society and sustainable development.

The objectives of the course curriculum are:

- To introduce the concepts in various allied subjects
- To enrich students' knowledge in basic and applied aspects of life sciences.
- To help the students to build interdisciplinary approach in teaching/ learning & in research.
- To inculcate the sense of scientific responsibilities and social awareness
- To help students build-up a progressive and successful career in academia and industry.

The present course curriculum will generate skilled human resource required in academia and industry. In general, as a result of this program, the student will be able to achieve basic and advance knowledge based proficiency in applied subjects of life sciences, create and develop students with interdisciplinary mind set for learning science, improve problem solving aptitude using scientific methods in biotechnology and allied subjects, will adopt scientific approach for implications of biotechnology in society, environment and education, will demonstrate knowledge and learn various biological processes at cellular and molecular level and get expertise in the different techniques used in the fields of Biotechnology.



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		



**RAJAMATA JIJAU SHIKSHAN PRASARAK MANDAL'S
ARTS, COMMERCE AND SCIENCE COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
T.Y Biotechnology (Sem-VI) Academic 2021-22**

PROJECT LIST OF STUDENTS

Sr no.	Student name	Project title	In Campus	off Campus
1	Chaitali S. Ambdekar	Bioplastic synthesis and it's characterization.	RJSPM's ACS college, Bhosari.39	-
2	Usha Balaji Kamble	Phytochemical test for flavonoids (Evaluation of herbal medicine).	RJSPM's ACS college, Bhosari.39	-
3	Rutik K.Kale	Determination of the leaves growing on hibiscus <i>Rosa sinensis</i> the Disprin Tablet, Honey and Dalchini.	RJSPM's ACS college, Bhosari.39	-
4	Vaishnavi Bangar	Determine antimicrobial activity of Nutmeg (<i>Myristica fragrans</i>) against <i>E- coli</i> .	RJSPM's ACS college, Bhosari.39	-
5	Mayur J.Takalkar	Determination of the seed germination of (<i>Vigna aconitifolia</i>) on the different pH of the soil.	RJSPM's ACS college, Bhosari.39	-
6	Pratiksha B.Erande	Study on papaya and manufacture of solid soap based on papaya fruit and papaya leaves extract.	RJSPM's ACS college, Bhosari.39	-
7	Kranti Gulankar	Phytochemicals screening and antimicrobial activity of <i>semecarpus anacardium</i> nut extract.	RJSPM's ACS college, Bhosari.39	-
8	Shamal Nehere	Effect of temperature, moisture and pH on bread mold.	RJSPM's ACS college, Bhosari.39	-
9	Payal Vilas Khandare	Biodiesel production from mixed oils: a sustainable approach towards biofuel production.	RJSPM's ACS college, Bhosari.39	-
10	Pratiksa Kuber Bagal	Milk, turmaric & chilli adulteration test.	RJSPM's ACS college, Bhosari.39	-
11	Pratik P. Patil	Investigation of antibacterial effects of mint (<i>Mentha piperita.</i>) herbal extracts on <i>Escherichia coli</i> .	RJSPM's ACS college, Bhosari.39	-

12	Samuddhi M.Kalokhe	Isolate bacteria from comb.	RJSPM's ACS college, Bhosari.39
13	Sejal Marde	"Effects of detergent on plant growth.	RJSPM's ACS college, Bhosari.39
14	Shraddha B.Mungase	Effect of biofertilizer (jeevamrit) on plant growth.	RJSPM's ACS college, Bhosari.39
15	Dipti. D. Kole	Extraction of caffeine from different varieties of tea.	RJSPM's ACS college, Bhosari.39
16	Ankita S.Patil	Phytochemical analysis of medicinal Plants.	RJSPM's ACS college, Bhosari.39
17	Sayali D. Badakh	Antibacterial activity of <i>Cassia fistula L.</i>	RJSPM's ACS college, Bhosari.39
18	Mr. Nikhil Hemant Sawant	Isolation and characterization of actinomycetes from marine soil.	RJSPM's ACS college, Bhosari.39
19	Akash J.Sasane	Effects of detergent on plant growth.	RJSPM's ACS college, Bhosari.39
20	Akansha Kajabe	Isolation of bacteria from curd.	RJSPM's ACS college, Bhosari.39
21	Gaurav R.Mali	Bio plastic production from banana peels.	RJSPM's ACS college, Bhosari.39
22.	Tejas S.Bhujbal	Somatic embryogenesis and production of artificial seeds from Sorghum bicolor	RJSPM's ACS college, Bhosari.39
23.	Vaishnavi R.Korade	Salt tolerance of black chickpea.	RJSPM's ACS college, Bhosari.39
24.	Ankita A.Sonawane	Production of cellulose by <i>Aspergillus niger</i> using coir waste.	RJSPM's ACS college, Bhosari.39
25.	Shital Potbhare	Bioethanol production from food waste.	RJSPM's ACS college, Bhosari.39

26.	Pathan Fayakhan	Phosphate solubilizing microbe.	RJSPM's ACS college, Bhosari.39
27.	Vaibhav .S. Suryawanshi	Antibiotic resistance of soil bacterium	RJSPM's ACS college, Bhosari.39
28	Mahesh R.Patil	Making biodiesel from vegetable oil.	RJSPM's ACS college, Bhosari.39
29.	Achal R. Garad	Antimicrobial property of clove.	RJSPM's ACS college, Bhosari.39
30.	Nikhil Hemant Sawant	Isolation and characterization of actinomycetes from marine soil.	RJSPM's ACS college, Bhosari.39
31	Roshni Ravindra Dhage	Detection of food Adulterants.	RJSPM's ACS college, Bhosari.39
32.	Miss. Draupadi R. Satwadhar	Isolation of caffeine from tea, and study the effect of caffeine on the growth of <i>Vigna mungo</i> .	RJSPM's ACS college, Bhosari.39
33.	Apurva Zombade	Isolation of bacteria from soil.	RJSPM's ACS college, Bhosari.39
34.	Suraj Shelke	Use of DNA extraction kit to purify DNA from strawberries.	RJSPM's ACS college, Bhosari.39
35	Mayuri S.Sale	Antimicrobial activity of extract of dried kokum.	RJSPM's ACS college, Bhosari.39
36.	Tejaswini H.Dubale	Extraction and partial characterization of mustard seeds.	RJSPM's ACS college, Bhosari.39



[Handwritten signature]

Head
Director of the Institute
Rajmata Jijau S.P.M.S.
Bhosari, Pune

CERTIFICATE

This is to certify that the research project entitled, "Bio plastic production from banana peels." submitted by Mr. Gaurav R.Mali for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 9/6/22

Sandeep

Project Guide

[Signature]

Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "**Phytochemical analysis of medicinal Plants.**" submitted by **Ms. Ankita S. Patil** for the partial fulfillment of award of degree of **Bachelor of Science in Biotechnology**, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - PUNE

Date - 21/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Effect of biofertilizer (jeevamrit) on plant growth." submitted by Ms. Shraddha B.Mungase for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "**Biodiesel production from mixed oils: a sustainable approach towards biofuel production.**" submitted by **Ms. Payal Vilas Khandare** for the partial fulfillment of award of degree of **Bachelor of Science in Biotechnology**, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 9/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Effect of temperature, moisture and pH on bread mold." submitted by Ms. Shamal Nehere for the partial fulfillment of award of degree of **Bachelor of Science in Biotechnology**, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Phytochemical test for flavonoids (Evaluation of herbal medicine)." submitted by Ms. Usha Balaji Kamble for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 9/6/22



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Head, Department of Biotechnology



CERTIFICATE

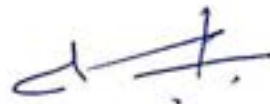
This is to certify that the research project entitled, "Bioplastic synthesis and it's characterization." submitted by Ms. Chaitali S. Ambdekar for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/022



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Making biodiesel from vegetable oil." submitted by Mr. Mahesh R.Patil for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE


This is to certify that the research project entitled, "Production of cellulose by *Aspergillus niger* using coir waste." submitted by Ms. Ankita A.Sonawane for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/10/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE

This is to certify that the research project entitled, "Salt tolerance of black chickpea." submitted by Ms. Vaishnavi R.Korade for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/01/22


Project Guide


Head, Department of Biotechnology

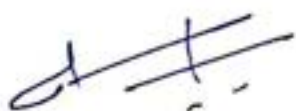


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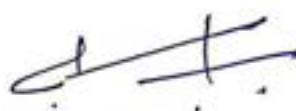
This is to certify that the research project entitled, "Isolation of caffeine from tea, and study the effect of caffeine on the growth of *Vigna mungo*." submitted by Ms. Draupadi R. Satwadhar for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 9/6/22



Project Guide



Head, Department of Biotechnology



CERTIFICATE


This is to certify that the research project entitled, "Antimicrobial property of clove." submitted by Ms. Achal R. Garad for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision .The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - pune

Date - 8/6/22



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Head, Department of Biotechnology

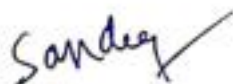


CERTIFICATE

This is to certify that the research project entitled, "Somatic embryogenesis and production of artificial seeds from Sorghum bicolor." submitted by Mr. Tejas S. Bhujbal for the partial fulfillment of award of degree of Bachelor of Science in Biotechnology, of Pune University, to the faculty of science, is the bonafide work carried out, under my guidance and supervision. The work embodied in this project report has not formed earlier the basis for the award of any other university or examining body.

Place - Pune

Date - 8/6/22



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Head, Department of Biotechnology

