

Shri Shahu chh. Shikshan Sanstha's

Shri Shahaji Chh. Mahavidyalaya Kolhapur

M.COM PART 2 SEM 4 Student projects
SUBJECT - Adv. Costing & Taxation 2020-21

Sr. No.	Student Name	PRN No.	PROJECT TITLE	PROJECT GUIDE NAME	Funding Agency	Remark
1	AVATE JAFARSADIK SHAIKMUJA FARAHAMAD	2019050245	An Analysis of Working Capital with Special Reference to Hightech Steel Furniture Kognoli	Dr. S. B. Walvekar	NA	
2	CHAVAN ASHISH SARJERAO	2019050255	The Study of Working Capital Management with Special reference to shugar factory Bidry	Dr. S. B. Walvekar	NA	
3	DESAI SATISH VISHNU	2019050260	A Study of Channels of distribution and Inventory level with Special reference to mahalaxmi Bazar	Dr. S. B. Walvekar	NA	
4	DIVASE RASIKA BAJIRAO	2019050274	A Study of financial Statement Analysis at Shree Yashwant Sahakari Bank Ltd Kuditre	Dr. S. B. Walvekar	NA	
5	HANDE SUYESH SANJAY	2019050279	A Study of Break Even Analysis with Special reference to Kolhapur Zilla Sahakari Dudh Utpadak Seva Sangh	Dr. S. B. Walvekar	NA	
6	HATGINE VARDHMAN SURESH	2019050286	A Study of Cost Sheet Analysis of Shree Halsiddhanath Sahakari Sakhar Karkhana Nippani	Dr. S. B. Walvekar	NA	
7	KALE NEHA VIJAY	2019047980	A study of Inventory Control Management Siddh Sales and Services	Dr. S. B. Walvekar	NA	
8	KARANDIKAR NIRANJAN SHRIKANT	2019050324	A Study of cost Analysis in to various cost elements Shri Hanumant co-op Milk Producer and Agro services Ltd Yalgud	Dr. S. B. Walvekar	NA	



9	LATTHE ABHISHEK SANTOSH	2019050293	A Study Fund Flow Statement with Special Reference to Shree Chhatrapati Shahu Sahakari Sakhar Karkhana Ltd Kagal	Dr. S. B. Walvekar	NA	
10	MANE PRANOTI DHANAJI	2019050460	A Study of Break Even Analysis with special reference to Kolhapur Zilla Dudh Utpadak Sangh Ltd.	Dr. M. A. Shinde	NA	
11	MHALUNGE MAYURI SUKUMAR	2019050238	Astudy of Financial Management of Tobacco farmers with special reference to selected Tobacco farmers in Bhivashi	Dr. S. B. Walvekar	NA	
12	MORE MAHENDRA RAVINDRA	2019050454	A Study of deposits loans & Advances of Pattankodoli Vyapari Nagari Credit Co-oprative Society Ltd. Pattankodoli	Dr. M. A. Shinde	NA	
13	MULLA SAMEE BAPUSO	2019073161	A Study of financial Statement Analysis	Dr. M. A. Shinde	NA	
14	PATIL PRADHUNYA SHRIDHAR	2019050423	Goods & Service Tax with Special Reference to Swapnil Surgimed Kolhapur	Dr. M. A. Shinde	NA	
15	PATIL RUSHIKESH SHIVAJI	2019050451	Astudy of Deposit Loans & Advances with special reference to Pattankodoli Yappari Nagari Credit co- op. societyLtd .Kolhapur	Dr. S. B. Walvekar	NA	
16	SHETE CHETAN MANIK	2019050347	A Study of Government Schemes of various loans policy of banks & other Orgnasations with special reference to Anna Saheb	Dr. M. A. Shinde	NA	
17	VELLORE BALAJI KANNAN	2019050353	A Study of Working Capital and its Analysis with Special reference to Rajaram Sahakari Sakhar Karkhana Bawada	Dr. S. B. Walvekar	NA	



	AVASARE KUNAL SANTOSH	2019050241	A Study of Ratio Analysis of K P Industry Kolhapur	Dr. M. A. Shinde	NA	
19	JADHAV ANTARA DILIP	2019050341	Assesing Growth divided: Establishing a linkage between GDP growth & Indirect Tax to GDP	Dr. M. A. Shinde	NA	
20	KHAVARE NIKITA VISHNU	2019050316	A Study of Taxation of Individuals with Special reference to Nimbjiya Jewelers	Dr. M. A. Shinde	NA	
21	KOKANE PANKAJ SUNIL	2019050303	Taxation of Sole Proprietorship with Special reference M/S Apee Agency	Dr. M. A. Shinde	NA	
22	MORE DADASO SHIVAJI	2019050419	INCOME TAX ASSESSMENT OF INDIVIDUAL WITH SPECIAL REFERENCE TO M/S JYOTIRADITYA CONSULTANCY	Dr. M. A. Shinde	NA	
23	MORE SHRIYASH ARUN	2019050430	A STUDY OF INCOME FROM HOUSE PROPERTY" WITH SPECIAL REFERENCE TO Mrs. CHANDAN V. SHAHA	Dr. M. A. Shinde	NA	
24	PATIL SUPRIYA UTTAM	2019050448	A Study of Goods & Service Tax with Special Reference Industry	Dr. M. A. Shinde	NA	
25	POWAR ARUNA SARJERAO	2019050345	Tax Computation and Tax Saving Analysis	Dr. M. A. Shinde	NA	
26	BHOSALE VAISHALI BAJIRAO	2019050247	Financial Statement Analysis an Ratio Analysis with special reference to Shri Kedarling Sahakari Dudh Sanstha	Dr. S. B. Walvekar	NA	
27	CHOUGALE RAVINDRA KRUSIINA	2019050258	A Study of Financial Management and Presenting Cost Estimate for Projects Programs	Dr. S. B. Walvekar	NA	



M. A. Shinde

Shri Shahu Chh Shikshan
Sanstha's
Shri Shahaji Chh
Mahavidyalaya
BCA 3 sem VI 2020-21
Major Project

Group No	Name of the student	Project name	Guide name
1	Priyanka Patil Shreya Shinde Tejaswini Naik	Airline Reservation System	Mrs.S.A.Patil
2	Jyoti Bille Arpita Karade	Beauty parlour management system	Mr.V.H.Pundikar
3	Anuradha patil Ankita Chavan Sarvesh Kulkarni	Human Resource Mgt system	Mrs.S.A.Patil
4	kirti kamble	Food cafe Mgt system	Mr.D.V.Ulape
5	Sumit Dhabekar Ombase Rutik	Online examination system	Mr.V.H.Pundikar
6	Shubham Teli Uday patil Gurunath Kadam	Mobile Shop Mgt system	Mrs.S.A.Patil
7	Latif Dhalait Museb Shaikh Vaibhav Rane	library mgt system	Mr.V.H.Pundikar
8	Haldkar Aniket Mahat Arbaj Tohid Bagwan powar Adesh	career guidance	Mr.D.V.Ulape
9	Jadhav Rushikesh Tarique Tamboli Dhale Rushikesh	Movie Ticket booking System	Mr.D.V.Ulape
10	Mehabub Mirajdar Sairaj Chechar Omkar Kumbhar	student mgt system	Mr.V.H.Pundikar
11	Varun Shinde Sumant Patil	siddhivinayk Logistics Import and Export	Mr.D.V.Ulape
12	pornima Yadav Pallavi Darvan Prajakta Koli	Mote Sports Academy	Mr.V.H.Pundikar
13	Komal Thorbole Aishwarya Salunkhe Prajakta Pol	Hotel mgt system	Mrs.S.A.Patil
14	Aishwarya Raje	Online Ticket booking system	Mrs.S.A.Patil
15	Ghatage Satyam Ghatge Shivam Agarwal Aditya Shinge Pravin	Automobile Shop	Mrs.S.A.Patil



16	Bansode Chandradeep	Cafe Mgt system	Mr.D.V.Ulape
17	Shubham Devkar Swaraj Desai Rutavik Patil Dhiraj Khadake	library mgt system	Mrs.S.A.Patil
18	Shivani patil Mukkadas Pirjade	electronic shop mgt system	Mr.D.V.Ulape
19	Tushar patil Mahesh Mali Prathamesh Sangar	tourism mgt system	Mr.V.H.Pundikar
20	Rutuja Powar Supriya Jadhav	Job Portal system	Mrs.S.A.Patil
21	Tushar patil Hrushikesh Potdar Satyajeet Katkar	Jwellery Shop Mgt system	Mr.V.H.Pundikar
22	Mullá Sammer Pol Swapnil	shree tours and travels pvt ltd	Mr.D.V.Ulape

Shivade
(ms. shirrayu S. Shivade)
(BCA dept.)



Shri Shahu Chhatrapati Shikshan Sanstha's
SHRI SHAHAJI CHHATRAPATI MAHAVIDYALAYA, KOLHAPUR
ROLL CALL : 2020-21 B.A.-III - Geography Project

Sr.No.	Roll	STUDENT NAME	Mob. No.
1	195	Belavi Nagesh Siddhappa	9673328516
2	196	Bhangepujari Nitin Nana	9172880658
3	197	Bolave Vaibhav Balaso	7758885216
4	198	Buchade Suraj Sarjerao	7709341819
5	199	Chandane Karan Sanjay	7387837612
6	200	Chavan Prakash Bhagoji	8623877480
7	201	Chougule Kokane Swaonil Krishnat	9130961001
8	202	Chougale Prathmesh Bhauso	8888296016
9	203	Chormale Pravin Sida	7666790366
10	204	DHOTRE SHRUTI RAJENDRA	9763192855
11	205	Gavali Anand Chandrakant	8407956398
12	206	Gurav Chandrakant Yashwant	7083173683
13	207	JADHAV ASHWINI MADHUKAR	9022859017
14	208	Jadhav Raturaj Arun	8007428052
15	209	Jamadar Muskan Kasim	9673059674
16	210	Kamble Akash Nathaji	8308270283
17	211	Kamble Aniket Manshing	7744047824
18	212	Kamble Rajvardhan Sambhaji	8698378393
19	213	Kamble Sagar Bhaskar	7888205088
20	214	Kamble Vishal Maruti	7219142425
21	215	Khabale Abhishek Mahadev	9172768995
22	216	Khot Suryakant Bhimrao	7083884050
23	217	Kumbhar Avinash Gorakhanath	9021319027
24	218	LOHAR DHANSHREE SUBHASH	9767937911
25	219	Mahekar Rushiraj Sambhaji	9850426683
26	220	Mali Shirish Suresh	9503160102
27	221	Mohite Deepak Sunil	9021755345
28	222	Mullani Tahir Mansoor	7385727460
29	223	Nikam Ashish Milind	9130329505
30	224	Patil Digvijay Santosh	7276493554
31	225	Patil Kunal Krushnat	7447371594
32	226	Patil Pratik Pralahad	8208792339
33	227	Patil Rupesh Balaso	9637724049
34	228	Patil Vishwajeet Ajit	7709049237
35	229	Powar Aadiraj Krushnat	8766843595
36	230	Powar Vijay Sanjay	8007625152
37	232	Raval Akash Pandurang	7559299710
38	233	SHAIKH MUSKAN NAUSHAD	8626035469
39	234	Sutar Kedar Keshav	8767594035
40	235	Thoravat Rakesh Vilas	7057324626
41	236	Ulape Sanket Sambhaji	9764840862
42	237	Unhalkar Swarup Mahavir (Handicap)	8087258435
43	238	Vaydande Yuvraj Nandkumar	7057271841
44	239	Yelawedaker Ritesh Rajendra	7774989183
45	172	Chougule Rajvardhan D.	7709039855



Kamble

HEAD

Department of Geography
 Shree Shahaji Chhatrapati
 Mahavidyalaya, Kolhapur-2



Shri Shahu Chhatrapati Shikshan Sanstha's

Shri Shahaji Chhatrapati Mahavidyalaya,

Dasara Chowk, Kolhapur

Department of Statistics

Project Allotment B.Sc. III - 2020-21

Sr. No.	Student Name	Project Name	Project Guide
1	Miss. Chougule Priyanka Pandurang	A Study of Most Usable Applications.	Mr. Bhosale A.B. Mr. Mali K.M.
2	Miss. MulikRunaliSonaba		
3	Miss. Jondhalekar Sonali Sanjay		
4	Miss. GondhaliTejashreeAnandrao		
5	Mr. Bajage Prasad Sardar		
6	Mr. Bandivadekar Dinesh Bharmu		
7	Mr. Powar Satish Madhukar		
1	Miss. Kumbhar Akanksha Babasaheb	Statistical Study of T.Y. Student of Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur.	Mr. Bhosale A.B. Mr. Mali K.M.
2	Miss. Patil Rutuja Rajesh		
3	Miss. Parmane Shradha Sudhakar		
4	Mr. Bidkar Aniruddha Krishnat		
5	Mr. Patil Ketan Kiran		
6	Mr. ShelakeSachin Ananda		
7	Mr. Redekar Sankalp Shantaram		

Head,

Department of Statistics.



A. B. Bhosale
Mr. A. B. Bhosale

Shri Shahu Chhatrapati Shikshan Sanstha's
SHRI SHAHAJI CHHATRAPATI MAHAVIDYALAYA,
Dasara Chowk, Kolhapur
B.Sc. - III : Zoology
Year – 2020-2021

Sr. No.	Name Of Student	Name of the Project
1	Bagwan Rashmina Firoj	Honeybee Farming
2	Kamble Dhanashri Namdev	Ladybird
3	Kamble Pooja Madhukar	National Park and Wildlife Sanctuary
4	Karangale Priyanka Shirish	Ca/Vitamin Deficiency and indiciency
5	Mane Sphurti Kishor	Sericulture
6	Sajanikar Priya Mukaram	Air Pollution
7	Shinde Megha Shivaji	Poultry Farming

Note- In year 2020-2021 due to pandemic of Corona Virus students submitted their project by online mode so there was no Teachers signature on project work.

Teachers Name-

1. Mrs. K.S.Kumbhar - Kumbhar

2. Mr. S.M.Powar

S.M.Powar



Shri Shahu Chhatrapati Shikshan Sanstha's
Shri Shahaji Chhatrapati Mahavidyalaya,
Dasara Chowk, Kolhapur

Department of Mathematics

Project Allotment B.Sc. III - 2020-21

Sr. No.	Student Name	Project Name	Project Guide
1	Timirash Rajaram Chougale	Magic Square	Asst. Prof Mr. R. S. Patil Asst. Prof. Mrs P. R Hujare
2	Aarti Shivaji Jadhav	Fuzzy Mathematics	
3	Vaishnavi Shivaji Jadhav	Number System	
4	Shruti Sanjay Mangave	Kaprekarar Or Like Number	
5	Srushti Dilip Patil	Pigeon Hole Principle	
6	Prajakta Maruti Powar	Critical path method and Project evolution and Review technique	
7	Komal Madhukar Rawool	Playing With Pascal Triangle And Fibonacci Number	
8	Satej Santosh Salokhe	Contribution of Mathematicians	
9	Priyanka Annasaheb Satpute	Invention Of Zero	
10	Mayuri Baliram Tavade	Vedic Mathematics	
11	Aditi Mohan Ulape	Remarkable Curves	

Patil
Head Of Department Mathematics

Mr. R S Patil

Principal



Shri. Shahu Chhatrapati Shikshan Sansthas,
Shri. Shahaji Chhatrapati Mahavidyalaya,
Dasara Chowk, Kolhapur.

Department of Chemistry

Project Allotment List: B.Sc. III : 2020-21

Sr. No.	Name of Student	Name of Projec	Project Guide
1	Miss. Aarti Babaso Salokhe	Hess Law & Thermochemistry	Mrs. P.S. Kulkarni
2	Miss. Sayali Prakash Shelar	Content of Vegetables in Vitamin C	Mrs. P.S. Kulkarni
3	Miss. Pranali Pratap Bawadekar	Nanoreactor	Mrs. P.S. Kulkarni
4	Miss. Swapnali SanjayJagtap	Analysis of foods for suar content	Mrs. P.S. Kulkarni
5	Miss. Krani Sampat Shinde	Redox reactions	Mrs. P.S. Kulkarni

Head,
P. S. Kulkarni
Department of Chemistry,

Shri Shahaji Chhatrapati Mahavidyalaya,
Dasara Chowk, Kolhapur.



A Project Report on
“Drugs and Alcohol”

FOR THE PARTIAL FULL-FILLMENT OF
The Award of Degree of
BACHLER OF SCIENCE
IN
CHEMISTRY

In the Academic year:2020-2021

Submitted By
Miss. Pranjali Pratap Bawadekar.

Under the Guidance of
Mrs. P.S. Kulkarni.

Shri. Shahaji Chhatrapati Mahavidyalaya,
Dasara Chowk, Kolhapur.



Declaration

I Miss. **Pranjali Pratap Bawadekar** declare that the project entitled on "Drugs and alcohol" has been prepared under the guidance of Mrs. P. S. Kulkarni, Head, Department of Chemistry, Shri. Shahaji Chhatrapati Mahavidyalaya, Dasara Chowk, Kolhapur.

Also, I hereby declare that the project has been submitted by us for the award of degree of B.Sc. in Chemistry.

Place: Kolhapur.

Date: 28 / 08 / 2021

Name: Miss. **Pranjali Pratap Bawadekar**



PROJECT REPORT

ON

"REDOX REACTION"

FOR THE PARTIAL FULFILLMENT
OF THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE
IN CHEMISTRY

YEAR 2020-2021 SUBMITTED BY
MISS — KRANTI SAMPAT SHINDE.

UNDER THE GUIDANCE OF
PROF. MRS. P. S. KULKARNI. (M.SC.BED)

DEPARTMENT OF CHEMISTRY
SHRI SHAHAJI CHHATRAPATI
MAHAVIDYALAYA



DECLARATION

I Mr/Miss. SHINDE KRANTI SAMPAT.
declared that, this project entitled Redox Reaction
has been prepared by me under the
supervision of Mr./Mrs./Miss. Kulkarni. P.S.

I also, hereby declare that, the
project work has been submitted by me fully
or partially for the award to degree of
B.Sc. in Chemistry.

Place:- Kolhapur.

Date :- 26, July, 2021

Name - SHINDE KRANTI SAMPAT.



1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year

Sr. No.	Name of the Course	Details: through project work/field work/internship	Name of the Programme	Total Students
1	Project Work and Viva-Voce	Project Work	M. Com.	27
2	Mini Project (Paper Code 507) Major Project (Paper Code 607)	Project Work	BCA	22
3	Geography	Field Work based Project	B. A. III: Paper No. XIV	45
4	Statistics	Project Work	B. Sc. III: Practical III:	14
5	Zoology	Project Work	B. Sc. III: Practical	07
6	Mathematics	Project Work	B. Sc. III: Practical	07
7	Chemistry	Project Work	B. Sc. III Practical	05
Total				127




Principal,
Shri Shahaji Chhatrapati
Mahavidyalaya, Kolhapur



Estd. 1962
NAAC 'A' Grade

SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA
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FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS -2609094
शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

Ref./SU/BOS/Humanities/

Outward No. 1578 Date : - 4 JUL 2020

To,

The Principal
All Affiliated Colleges/Institutions,
Shivaji University, Kolhapur

**Subject : Regarding syllabi and equivalence and Nature of question paper of
B. A. Part-III (Sem. V & VI) Choice Based Credit System (CBCS)
degree programme under the Faculty of Humanities**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised following syllabi, equivalence and nature of question paper of B. A. Part-III (Sem. V & VI) Choice Based Credit System (CBCS) under the Faculty of Humanities.

Marathi	Hindi	English	Economics	History
Sociology	Psychology	Sanskrit	Kannada	Urdu
Ardhamagadhi	Philosophy	Political Science	Geography	

This syllabi, equivalence and nature of question paper shall be implemented from the academic year 2020-2021. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (students/Online Syllabus).

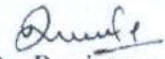
The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2020 & March / April. 2021. These chances are available for repeater students, if any.

For Students of Distance Education this syllabi shall be implemented from the academic year 2021-2022

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,


Dr. Registrar
Board of Studies

Encl : As above

Copy to,

I/c Dean, Faculty of Humanities	Chairperson.BOS under Faculty of Humanities
Director, BOEE	Dy.R Examination
Appointment Section	B. A. Section, O.E. 1 to 4 Examination.
P. G. Admission Section	Computer Center/I.T.
Eligibility Section	Distance Education
P.G. Seminar Section	Affiliation Section (U.G./P.G.)

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 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फेक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.E-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Com & Mgmt./

Date : 04/07/2020

Outward No. : 11581

To,

The Principal
 All Affiliated (Commerce & Management) College/Institutions,
 Shivaji University, Kolhapur

**Subject : Regarding syllabi and equivalence of B. Com. Part-III (Sem. V & VI)
 Choice Based Credit System (CBCS) degree programme under the
 Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi and equivalence of B. Com. Part-III (Sem. V & VI) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi and equivalence shall be implemented from the academic year 2020-2021. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

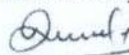
The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2020 & March / April, 2021. These chances are available for repeater students, if any.

For Students of Distance Education this syllabi shall be implemented from the academic year 2021-2022.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,


 Dr. Registrar

Encl : As above

Copy to,

I/c Dean, Faculty of Commerce & Management	Chairperson, BOS under Faculty of Commerce & Management
Director, BOEE	Dy.R Examination
Appointment Section	B. Com. Section
P. G. Admission Section	Computer Center/I.T.
Eligibility Section	Distance Education
P.G. Seminar Section	Affiliation Section (U.G./P.G.)



Ref./SU/BOS/Com & Mgt./

Date : 24/06/2020



Estd. 1962
NAAC 'A' Grade

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फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

SU/BOS/Science/

No 14221 Date: 30 JUN 2020

To,

The Principal,
All Affiliated Concerned Science Colleges/Institutions
Shivaji University, Kolhapur.

Subject: Regarding syllabi, equivalence of B.Sc. Part- III Entire CBCS (Sem.V & VI)
degree programme under the Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, structure, nature of question paper and equivalence of B.Sc. Part- III Entire CBCS (Sem.V & VI) under the Faculty of Science and Technology.

B.Sc.- Part-III (Sem. V & VI) Entire Course			
1)	Computer Science (Entire)	2)	Sugar Technology (Entire)
3)	Information Technology (I.T.) (Entire)	4)	Biotechnology (Entire)

This syllabi, nature of question paper and equivalence shall be implemented from the academic year 2020-2021 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Students Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2020 & March/April 2021. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar



Copy to:

1	The Dean, Faculty of Science & Technology	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre
4	B.Sc. Exam	10	Affiliation Section (U.G.)
5	Eligibility Section	11	Affiliation Section (P.G.)
6	O.E. I Section	12	P.G.Admission Section



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA
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 FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094
 शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref../SU/BOS/Com & Mgmt./

Date : 04/07/2020

Outward No. : 11580

To,

The Principal
 All Affiliated (Commerce & Management) College/Institutions,
 Shivaji University, Kolhapur

**Subject : Regarding syllabi and equivalence of M. Com. Part-II (Sem. III & IV)
 Choice Based Credit System (CBCS) degree programme under the
 Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi and equivalence of M. Com. Part-II (Sem. III & IV) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi shall be implemented from the academic year 2020-2021. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2020 & March / April, 2021. These chances are available for repeater students, if any.

For Students of Distance Education this syllabi shall be implemented from the academic year 2021-2022.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,



Yours faithfully,

[Signature]
 Dr. Registrar

Encl : As above

Copy to,

I/c Dean, Faculty of Commerce & Management	Chairperson.BOS under Faculty of Commerce & Management
Director, BOEE	Dy.R Examination
Appointment Section	O.E. I Section
P. G. Admission Section	Computer Center/I.T.
Eligibility Section	Distance Education
P.G. Seminer Section	Affiliation Section (U.G./P.G.)



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 दुग्धवनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref../SU/BOS/Com & Mgmt./ *by mail*

Date : 03/09/2020

To,

The Principal
 All Affiliated (Commerce & Management) Colleges/Institutions,
 Shivaji University, Kolhapur

Subject : Regarding Syllabi of BCA Part-I (Sem-I/II) Choice Based Credit System (CBCS) degree programme under the Faculty of Commerce & Management.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi of BCA Part-I (Sem-I/II) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi shall be implemented from the academic year 2020-2021 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Student - Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for two examination These chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

[Signature]
 Dy. Registrar

Encl : As above

Copy to,

1. I/c Dean, Faculty of Commerce & Management
 2. Chairman, Board of Studies
 3. Director, BOEE
 4. Appointment Section
 5. P. G. Admission Section
 6. B.Com and O. E. 1 Section
 7. Affiliation Section (U.G./P.G.)
 8. Computer Center/I.T.
 9. Eligibility Section
 10. Distance Education
 11. P.G. Seminar Section
- } for information
- } for information and necessary action.



SHIVAJI UNIVERSITY, KOLHAPUR



Estd. 1962

NAAC 'A' Grade

Faculty of Commerce and Management

Syllabus For

M. Com. Part – I (Sem I & II)

(To be implemented from **June 2019** onwards)

(Subject to the modifications that will be made from time to time)





Shivaji University, Kolhapur
Revised Rules and Regulations of M.Com. Programme (CBCS)
Under the Faculty of Commerce and Management
To be implemented from Academic year 2019-20

1. The semester system shall be implemented for: M.Com. Part-I Semester-I & Semester-II from Academic year 2019-20 and M.Com. Part-II Semester-III & Semester-IV from Academic year 2020-21.
2. Pattern of semester system – There shall be 80:20 pattern for the purpose of semester examinations.
3. Scheme of internal assessment - There shall be continuous internal assessment for M.Com. Programme. Internal Examination will be compulsory for all students. There will be separate passing head for internal examination of each paper.

The scheme for internal assessment will be as mentioned below: The Question paper in each semester (for each paper) shall be of 100 marks wherein 80:20 pattern will be accepted. For this purpose following will be the pattern for internal assessment scheme i) M.Com. Part – I and II There will be Practical for 10 marks and Seminar for 10 marks for each semester (The 80:20 pattern will be applicable to Distance education students. However, for internal work there will be Home assignment of 20 marks for each paper of all semesters).

The division of marks for Paper VI of each Special group will be as 60 marks for project work and 40 marks for Viva-voce. The evaluation of 100 marks will be done at the time of viva-voce. However, this division will not be applicable to the students on distance mode. The students on distance mode shall have to appear for a separate paper prescribed by the authorities.

4. The duration of semester examination for each paper of 80 marks shall be of three hours.
5. Equivalence of papers and chances for the students in pre-revised pattern (i.e. annual pattern) - Two additional chances shall be provided for the repeater students of the annual pattern. After this the concerned students will have to appear as per the equivalent paper given under revised pattern.



SHIVAJI UNIVERSITY, KOLHAPUR



“A” Re-Accredited By NAAC

(2014) with CGPA-3.16

Revised Syllabus For

Bachelor of Computer Applications

Semester – V and VI

(Under Faculty Of Commerce)

Syllabus to be implemented from June 2015-16 onwards.



Revised Syllabus of
BACHELOR OF COMPUTER APPLICATIONS (BCA) COURSE

(Under the Faculty of Commerce)
w.e.f. Academic Year 2015-16

Structure of the Course:

Paper No.	Name of The subject	Teaching Scheme		Examination Scheme		
		Theory per week	Total Practical per week per batch	Theory Marks	Internal Marks	Total Marks
B.C.A. Part- III Semester – V						
501	Management Accounting	4	--	80	20	100
502	E-Commerce	4	--	80	20	100
503	Computer Network	4	--	80	20	100
504	RDBMS with Oracle	4	--	80	20	100
505	Visual Programming	4	--	80	20	100
506	Lab Course based on 504 and 505	--	4	--	50	50
507	Mini Project	--	2	--	50	50
Total		20	06	400	200	600
B.C.A. Part- III Semester - VI						
601	Strategic Management	4	--	80	20	100
602	Data Mining and Data Warehousing	4	--	80	20	100
603	Linux Operating System	4	--	80	20	100
604	Java Programming	4	--	80	20	100
605	Lab Course based on Paper no.- 603	--	4	--	50	50
606	Lab Course based on Paper no. 604	--	4	--	50	50
607	Major Project	--	2	80	20	100
Total		16	10	400	200	600

Shevade
(Mrs. Sharayu S. Shevade)
(BCA dept.)



SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography

(Evolution of Geographical Thought)

CBCS PATTERN

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2020 onwards



Revised Syllabus for B. A. – III and B. A. B. Ed.

(Introduced from June 2020 Onwards)

Revised Syllabus for

B. A. (Part III) Geography

DSE-E234 or Paper No. XIV (Practical Paper -II)

(ii) Title of Paper - Advanced Tools, Techniques & Field Work in Geography (100 Marks)

Module-I: Introduction to Computer

Lectures- 50

Marks-10

- 1.1: Introduction to Computer
- 1.2: Application of computer in geography
 - 1.2.1: Construction of Line Graphs, Bar Graphs
 - 1.2.2: Construction of Pie Diagram and Scatter Diagram
- 1.3: Application of Excel for Data Analysis

Module-II: Remote Sensing

Lectures- 50

Marks-15

- 2.1 Definition of Remote Sensing
- 2.2 Fundamentals of Remote Sensing: EMR, Sensors and Platforms
- 2.3 Application of Remote Sensing in Geography
- 2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them
- 2.5 Determination of Photo Scale
- 2.6 Elements of image interpretation
- 2.7 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery

Module-III: GIS and GNSS

Lectures- 50

Marks-15

- 3.1 Geographical Information System (GIS)
 - 3.1.1 Definition and components
 - 3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data
 - 3.1.3 Geo-referencing, Digitization, Map Layout Preparation
 - 3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring
- 3.2 Global Navigation Satellite System
 - 3.2.1 Definition and components



3.2.2: GPS and its applications in Geography

3.2.3 Field work in GPS: Determining latitude, longitude and altitude

3.3: Exercise with Google earth Program.

Module-IV: Statistical methods and techniques

Lectures- 60

Marks-10

4.1 Measures of Central Tendency: Mean, Median and Mode

4.2 Dispersion: Mean Deviation and Standard Deviation

4.3 Association and Correlation: Karl Pearson's Method (Product Moment)

4.4 Analysis of Time Series: Semi-average Method

Module-V: Surveying

Lectures- 60

Marks-15

5.1 Introduction to Survey: Meaning and types

5.2 Preparation of plans of the given area with the following survey method
(Any one methods among them)

A- Plane Table survey (Radial, Intersection, and Traverse method)

B- Dumpy Level survey

C- Theodolite survey

D- Total Station

E- Abony Level Survey

5.3 Preparation of plans Prismatic compass survey (Radical, Intersection and Traverse method)

5.3.1 Types and conversion of bearings.

5.3.2 Correction of bearing.

Module-VI: Project work based on field work any one of following:

Marks-15

Resource survey, Population survey, Agricultural survey, Settlement Survey, Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster

1. Project Report must be content of following points:

Introduction – Aims – Objectives - Review of the literature - Data collection –

Methodology - Data Analysis – Interpretation - Findings – Suggestions - Bibliography

2. The duration of the field work should not exceed than 20 days.

4. The word count of the report should be about 8000 to 12,000 excluding figures, tables,

photographs, maps, references and appendices.

5. One copy per student of the report as per research standard should be submitted at the time of examination.



Module- VII: Study Tour

Marks-10

Maximum 15 days of Study Tour and preparation of Tour Report.

The Study Tour Report must be content of following points:

Introduction – Necessity – Importance - Route map – Objectives – Methodology -
Geographical Profile (Natural, Socio-economic and Cultural) - Geographical
importance of visited tourist places – Conclusion – References

Journal and Viva Voce

Marks 10

E. Ambe

HEAD

**Department of Geography
Shree Shahaji Chhatrapati
Mahavidyalaya, Kolhapur-2**



SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC With 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

Bachelor of Science (Part III) Statistics

Syllabus to be implemented from June 2020 onwards



Shivaji University, Kolhapur
B. Sc. III Statistics
Structure of the course
To be implemented from June 2020
Theory

Semester V

Paper. No.	Title of the paper	Total Marks
IX	Probability Distributions	50
X	Statistical Inference - I	50
XI	Design of Experiments	50
XII	R-Programming and Quality Management	50

Semester VI

Paper. No.	Title of the paper	Total Marks
XIII	Probability Theory and Applications	50
XIV	Statistical Inference - II	50
XV	Sampling Theory	50
XVI	Operations Research	50

Practical

Paper No.	Title of the Practical	Marks for Practical	Journal	Oral	Total Marks
IV	Probability Distributions	32	4	4	40
V	Statistical Inference	32	4	4	40
VI	Designs of Experiments and Sampling Methods	32	4	4	40
VII	R-Programming, Quality Management and Operations Research	32	4	4	40
	A Project Report & Viva -voce	40	-	-	40



SHIVAJI UNIVERSITY, KOLHAPUR
Syllabus of B.Sc. Part III Zoology
Zoology Practical – III (Credits-02)

Molecular biology, Animal biotechnology, Biostatistics & Biotechniques

I] Microtechnique

1. Preparation of permanent histological slides by HE technique
2. Histochemical technique
 - a. AB PH 1 technique
 - b. AB PH 2.5 technique
 - c. PAS technique

II] Biotechniques

1. Chromatography – Separation of amino acid by paper chromatography
2. DNA isolation
3. Demonstration of DNA by feulgan technique
4. To study the following technique (photographs)
 - a) Southern blotting
 - b) Northern blotting
 - c) Western blotting
 - d) DNA sequencing (Sangers method)
 - e) PCR
 - f) DNA fingerprinting

III) Biostatistics

Any 10 example based on theory

- IV] Project (any suitable work possible in local area or from the syllabus) Report of the same to be submitted at the time of practical examination**



**SHIVAJI UNIVERSITY,
KOLHAPUR**



Accredited By NAAC with 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

B.Sc. Part -III Mathematics

SEMESTER V AND VI

(Syllabus to be implemented from June, 2020 onwards.)



A: PROJECT

[30 Marks]

Each student of B.Sc. III is expected to read, collect, understand the culture of Mathematics, its historic development. He is expected to get acquainted with Mathematical concepts, innovations, relevance of Mathematics. Report of the project work should be submitted through the respective Department of Mathematics.

Topics for Project work:

1. Contribution of the great Mathematicians such as Rene Descart, Leibnitz, Issac Newton, Euler, Lagrange, Gauss, Riemann, Fourier, Bhaskaracharya, Srinivas Ramanujan etc.

2. On the following topics or any other equivalent topic:

- (i) Theorem on Pythagoras and Pythagorean triplets.
- (ii) On the determination of value of π .
- (iii) Remarkable curves.
- (iv) Orthogonal Latin Spheres.
- (v) Different kinds of numbers.
- (vi) Law of quadratic reciprocity of congruence due to Gauss.
- (vii) Invention of Zero.
- (viii) Vedic Mathematics.
- (ix) Location of objects in the celestial sphere.
- (x) Kaprekar or like numbers
- (xi) Playing with PASCAL TRIANGLE and FIBONACCI NUMBERS.
- (xii) CPM and PERT
- (xiii) Magic squares.
- (xiv) Software such as Mupad, Matlab, Mathematica, Xplore.
- (xv) Fuzzy Mathematics.
- (xvi) Applications of Fuzzy Mathematics.
- (xvii) Pigeon hole principle
- (xviii) Mathematics For All.
- (xix) Recent Trends in Mathematics.
- (xx) Rough sets and Soft sets.

Evaluation of the project report will be done by the external examiners at the time of annual examination.



SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

B.Sc Part- III

Chemistry

Syllabus to be implemented from

June, 2020 onwards.



- 5) S.I. units should be used wherever possible.
 - 6) Use of Chart / Hand book / Text book of practical is allowed.
 - 7) A student is expected to submit a journal certified by the Head of the Department.
 - 8) A student not be permitted to appear at the practical examination unless he/she produces a certified journal. If the journal is lost, the student should produce a certificate from the Head of the Department stating that he/she has satisfactory completed the practical work but his / her journal is lost.
 - 9) Use of Digital / Analytical / Chainometric / Single pan balance is allowed.
 - 10) A student should submit one copy of project at the time of examination.
- Each examiner should assess the **project work for Five marks** and sign the same. If any student will not submit project work, he/she will be given Zero mark for the project.
- 11) The distribution of marks for practical examination will be as follows:

A) Physical Chemistry 60 marks

- i) Non-instrumental experiment 25 marks
- ii) Instrumental experiment 25 marks
- iii) Viva 05 marks
- iv) Journal 05 marks

B) Inorganic Chemistry 65 marks

- i) Gravimetric analysis 25 marks
- ii) Preparation 15 marks
- iii) Volumetric estimation 15 marks
- iv) Viva 05 marks
- v) Journal 05 marks



C) Organic Chemistry 60 marks

i) Mixture separation and identification of compounds 25 marks

ii) Estimation/Preparation 20 marks

iii) Derivative 05 marks

iv) Viva 05 marks

v) Journal 05 marks

D) Project 15 marks

Total:- 200 marks

