# 1.1: Curricular Planning and Implementation

# 1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

# **Index Page**

Sr. No.	Particulars	Page No.
1	Academic Calendar	2-7
2	Time-Table	8-21
3	Teaching Plan	22-54
4	Syllabus Completion Report	55-66
5	Student Attendance Sheet	67-79
6	Internal Assessment/Test by subjectTeacher	80-93
7	Notes by subject Teacher	94-101
8	Visit/Field work/Tour	101-113
9	ICT Tools	115-122

# **Academic Calendar 2020-21**

		D.S.T.S. Mandal's
	V. G. Shivdare College	of Arts, Commerce and Science, Solapur
	Acad	lemic Calendar 2020-21
Academic Period	Academic Dates	Activities
Beginning of 1st Term	20th June, 2020	Opening of Academic year 2020-21
		Principal's Meeting with Faculty Members
	23, June , 2020 to 31st July, 2020	Formation of Admission Committee and Work Distribution (including other Committees)
		Admission Procedure for UG and PG
	21st June, 2020	Celebration of World Yoga day
	2nd July,2020	Actual Teaching starts
	First week July 2020	Tree Plantation by NSS
	1st August, 2020	Celebration of University Foundation Day
	1st August, 2020	Online lecture Start
	5th August, 2020	Establishment of NSS and opening of Regular activities
		Principal's Address to the students
	5st August, 2020	Swacha Bharat Abhiyan (NSS)
	2nd week August	Blood Donation Camp
	15th August, 2020	Celebrations of Independence Day
	Last week of August	Science Faculty Internal Exams
	5th September, 2020	Celebration of Teacher's Day
	16th September 2020	World Ozone Day event
	Third week of September	Arts, Commerce & Science Faculty Internal Exams
	2nd October, 2020	Celebration of Gandhi Jayanthi
1st Term Ends	03,November, 2020	Term ends
Winter Vacations	04,November, 2020 to 22 November, 2020	Term-Break Vacation
University Examination	for Odd term for session 2020	21 will be as per University Time Table in October 2020 to December 2020
Beginning of 2nd Term	23, November,2020	2nd term starts (Display of Theory-Practical Time-table)
	24, November,2020	Actual Teaching starts
	1st December 2020	Celebration of world AIDS Day (NSS)

#### **Academic Calendar 2020-21**

	2May,2021 Onwards	Academic year -Breaking Vacation
2nd Term Ends	31stMay, 20221	Term ends
	26April,2021	BA/B.Com/B.Sc Exam online 2020-211
	Last week March 2021	Internal practical exam
	28th February 2021	Science day celebration
	19th February,2021	Celebration of Shivaji Jayanthi
	26th January, 2021	Celebration of Republic Day
Jages .	25th January, 2021	Voters Day Celebration
	23rd January, 2021	Celebrating Netaji Subhashchandra Jayanthi
	6th December,2020	Celebration of Death Anniversary of Dr. Babasaheb Ambedka

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#### **Academic Calendar 2019-20**

# V. G. Shivdare College of Arts, Commerce and Science, Solapur <u>Academic Calendar 2019-20</u>

Academic Period	Academic Dates	Activities
Beginning of 1 <sup>st</sup> Term	20 <sup>th</sup> June, 2019	Opening of Academic year 2019-20
		Principal's Meeting with Faculty Members
	21st June, 2019 to	Formation of Admission Committee and Wa
	31 <sup>st</sup> July, 2019	Distribution (including other Committees)
		Admission Procedure for UG and PG
	21st June, 2019	Celebration of World Yoga day
	2 <sup>nd</sup> July, 2019	Actual Teaching starts
	First week July 2019	Tree Plantation by NSS
	1st August, 2019	Celebration of University Foundation Day
	5 <sup>th</sup> August, 2019	Establishment of NSS and opening of Regula activities
		Principal's Address to the students
	5st August, 2019	Swacha Bharat Abhiyan (NSS)
- Marie V	2 <sup>nd</sup> week August	Blood Donation Camp
	15 <sup>th</sup> August, 2019	Celebrations of Independence Day
	Last week of August	Science Faculty Internal Exams
	5 <sup>th</sup> September, 2019	Celebration of Teacher's Day
	16 <sup>th</sup> September 2019	World Ozone Day event
	Third week of September	Arts, Commerce & Science Faculty Internal Exams
	2 <sup>nd</sup> October, 2019	Celebration of Gandhi Jayanthi
	2 <sup>nd</sup> week October 2019	PG Internal Practical examinations
	October, 2019	Youth Festival (Exact date will be provided by University later)
Term Ends	22 <sup>nd</sup> October, 2019	Term ends
inter Vacations	23 <sup>rd</sup> October, 2019 to 13 <sup>th</sup> November, 2019	Term-Break Vacation
	on for Odd term for sessio in October 2019 t	on 2019-20 will be as per University Time Table
ginning of 2 <sup>nd</sup>	14 <sup>th</sup> November, 2019	2 <sup>nd</sup> term starts
rm		Display of Theory-Practical Time-table
	15 <sup>nd</sup> November, 2018	Actual Teaching starts
	December, 2019	Participation in Avishkar Festival (Exact Date confirmed by Solapur University)

### **Academic Calendar 2019-20**

	1st December 2019	Colobustic
	6 <sup>th</sup> December, 2019	Celebration of world AIDS Day (NSS) Celebration of Death Anniversary of Dr. Babasaheb Ambedkar
	December last week 2019	NSS special camp
	January 2020	Various Educati
	Second week January 2020	Various Educational tours, visits and excursion Science Faculty Internal Examination
	January 2020	National Conference organization on IPR and Quality Practices in Research
	23 <sup>rd</sup> January, 2020	Celebrating Netaji Subhashchandra Jayanthi
	25th January, 2020	Voters Day Celebration
	26th January, 2020	Celebration of Republic Day
	2nd week February 2020	Annual Sports event
	19th February, 2020	Celebration of Shivaji Jayanthi
	Last week February 2020	Internal practical exam
	28 <sup>th</sup> February 2020	Science day celebration
	March, 2020	Annual Prize-Distribution Function
2 <sup>nd</sup> Term Ends	1stMay, 2020	
Summer Vacations	2 <sup>st</sup> May, 2020	Term ends
	onwards	Academic year-breaking Vacation.
University Examination	n for Even term for session in March 2020	n 2019-20 will be as per University Time Table
	SOLAPUR SOLAPU	PRINCIPAL V.G. SHIVDARE COLLEGE OF ARTS, COMMERCE & SCIENCE, SOLAPUR.

#### **Academic Calendar 2018-19**

# D.S.T.S. Mandal's V. G. Shivdare College of Arts, Commerce and Science, Solapur Academic Calendar 2018-19

cademic Period	Academic Dates	Activities Opening of Academic year 2018-19
eginning of 1st	11th June, 2018	
erm		Principal's Meeting with Faculty Members
	11th June, 2018to	Fornation of Admission Committee and Work Distribution (including other Committees)
	04th August, 2018	Admission Procedure for UG and PG
	6 <sup>th</sup> August, 2018	Establishment of NSS and opening of Regular
		activities Sworld Voga day
	21st June, 2018	Celebration of World Yoga day
	2 <sup>nd</sup> July, 2018	Actual Teaching starts for UG & PG 2 <sup>nd</sup> Year
	First week July 2018	Tree Plantation by NSS
	15th July, 2018	Actual Teaching start for PG first year
	1st August, 2018	Celebration of University Foundation Day
		Principal's Address to the students
	5st August, 2018	Swacha Bharat Abhiyan (NSS)
	2 <sup>nd</sup> week August	Blood Donation Camp
	15 <sup>th</sup> August, 2018	Celebrations of Independence Day
	Last week of August	Science Faculty Internal Exams
	5 <sup>th</sup> September, 2018	Celebration of Teacher's Day
	18 <sup>th</sup> and 19 <sup>th</sup> September 2018	World Ozone Day event
	Last week of	Arts & Commerce Faculty Internal Exams
	September  2nd October, 2018	Celebration of Gandhi Jayanthi
	October 2018	One day workshop from BioEra
	October, 2018	Youth Festival (Exact date will be provided by University later)
1st T. F. L.	27 <sup>th</sup> October, 2018	Term ends
1st Term Ends Winter Vacations	28 <sup>th</sup> October, 2018 to 25 <sup>th</sup> November, 2018	
University Examin	ation for Odd term for sess	sion 2018-19 will be as per University Time Table
	in October 2018	8 to December 2018
Beginning of 2 <sup>nd</sup> Term	26 <sup>th</sup> November, 2018	2 <sup>nd</sup> term starts Display of Theory-Practical Time-table
	27 <sup>nd</sup> November, 2018	Actual Teaching starts
	December, 2018	Participation in Avishkar Festival (Exact Data confirmed by Solapur University)

### **Academic Calendar 2018-19**

	1 <sup>st</sup> December 2018	Celebration of world AIDS Day (NSS)		
	6 <sup>th</sup> December, 2018	Celebration of Death Anniversary of Dr. Babasaheb Ambedkar		
	December last week 2019	NSS special camp		
	January 2019	Various Educational tours, visits and excursio		
	January 2019	National Conference organization on Cancer Biology		
	23rd January, 2019	Celebrating Netaji Subhashchandra Jayanthi		
	25th January, 2019	Voters Day Celebration		
	26th January, 2019	Celebration of Republic Day		
	First week February 2019	Science Faculty Internal Examination		
	2nd week February 2019	Annual Sports event		
	19th February, 2019	Celebration of Shivaji Jayanthi		
	20 <sup>th</sup> February to 25 <sup>th</sup> February 2019	Internal practical exam		
	Last week February 2019	Arts & Commerce Faculty Internal Exams		
	28 <sup>th</sup> February	Science day celebration		
	March, 2019	Annual Prize-Distribution Function		
2 <sup>nd</sup> Term Ends	1 <sup>st</sup> May, 2019			
Summer Vacations	2 <sup>st</sup> May, 2019 to 19 <sup>th</sup> June, 2019	Term ends Academic year-breaking Vacation.		

in March 2019 to May 2019

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## **TIME TABLE: Department of Arts 2017-18**

## V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR. **TIME TABLE 2017-18**

TIME	MON	TUE	B. A. PAI	THU		
7.30 TO 8.20	COMP. ENGLISH	OPT. MARATHI OPT. HISTORY	OPT. MARATHI OPT. HISTORY	COMP. ENGLISH	FRI OPT. MARATHI OPT. HISTORY	SAT OPT. ENGLISH OPT. GEOGRAPHY
8.20 TO 9.10 9.10 TO 9.20	COMP. H.S.R.M.	COMP. H.S.R.M.	COMP. ENGLISH	OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS	OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS	OPT. ECONOMICS OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS
9.10 10 9.20			S	HORT RECESS	Tara additional and	OF 1. ECONOMICS
9.20 TO 10.10	OPT. MARATHI OPT. HISTORY	OPT. ENGLISH OPT.GEOGRAPHY OPT.ECONOMICS	COMP. H.S.R.M.	OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS	OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS	COMP. ENGLISH
10.10 TO 11.00	COMP. H.S.R.M.	OPT. ENGLISH OPT. GEOGRAPHY OPT. ECONOMICS	OPT. MARATHI OPT. HISTORY	OPT. MARATHI OPT. HISTORY	OPT. MARATHI OPT. HISTORY	OPT. MARATHI OPT. HISTORY
1.00 TO 11.50	ENV. STUDIES	ENV. STUDIES	ENV. STUDIES			o. I. IIISTORI

# This time table will be implemented from Friday $23^{\rm rd}$ JUNE 2017

ENGLISH (COMP)	
H.S.R.M (COMP)	
ENGLISH (OPT.)	
MARATHI (OPT. )	
HISTORY	
GEOGRAPHY	
FCONOMICS	

: MR. A. A. Kamble & V. V. Kumthekar : Mr. A. A. Kamble & v. v. Kumtnekar : Mrs. S. P. Shivpuje, Mr. D. D. Bansode : Mrs. S. J. Bavage, Mr. R. P. Kamble : Mr. S. S. Ghongade

: Mr. M. B. Kamble



SUB. ENGLISH. (COM.) ROOM NO. 202 H.S.R.M. 202 **GEOGRAPHY** 205 205 HISTORY **ECONOMICS** 202 MARATHI (OPT.) 202 ENGLISH (OPT.)

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# **TIME TABLE: Department of Commerce 2017-18**

# V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR. TIME TABLE 2017-18

D	A	DA	-	
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TIME	MON	TUE	WED -	-		
	HICTORY		WED	THU	FRI	SAT
7.30 TO 8.20	HISTORY (R.N. 201)	C. ENGLISH (R.N. 201)	C. ENGLISH (R.N. 201)	C. ENGLISH (R.N. 201)	ECONOMICS (R.N. 201)	HISTORY (R.N. 201)
8.20 TO 9.10	C. MARATHI (R.N. 201)	OPT. MARATHI (R.N. 201) OPT. ENGLISH (R.N. 204)	GEOGRAPHY (R.N. 201)	COM. MARATHI (R.N. 201)	OPT. MARATHI (R.N. 201) OPT. ENGLISH (R.N. 204)	OPT. MARATHI (R.N. 201) OPT. ENGLISH (R.N. 204)
9.10 TO 9.20			SHORT	RECESS		(ICN. 204)
9.20 TO 10.10	GEOGRAPHY	OPT. MARATHI (R.N. 201)	COM. MARATHI	HISTORY	COM. MARATHI	GEOGRAPHY.
	(R.N. 201)	OPT. ENGLISH (R.N. 204)	(R.N. 201)	(R.N. 201)	(R.N. 201)	GEOGRAPHY (R.N. 201)
10.10 TO	ECONOMICS	C. ENGLISH	HISTORY	ECONOMICS		(10.14, 201)
11.00	(R.N. 201)	(R.N. 201)	(R.N. 201)	ECONOMICS (R.N. 201)	GEOGRAPHY (R.N. 201)	ECONOMICS
11.00 TO 11.55	PHYSICAL EDUCATION	PHYSICAL EDUCATION		,	(K.N. 201)	(R.N. 201)

This time table will be implemented from Monday  $31^{\text{ST}}$  July 2017.



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## **Master Time Table 2019-20 : Arts Faculty**

		V. G. SHIV	DARE COLLEGE OF			SOLATUK	
			B.A. MASTEI	R TIME TABLE	FOR 2019-20		
Class	TIME	MON	TUE	WED	THU	FRI	SAT
B.AI		COMP. MARATHI	GEOGRAPHY	C. ENGLISH	C. ENGLISH	ECONOMICS	HISTORY
B.AII	7.30 TO 8.20	COMP. ENGLISH	OPT. MARATHI / OPT. HISTORY	OPT. MARATHI / OPT. HISTORY	COMP. ENGLISH	OPT. MARATHI / OPT. HISTORY	OPT. ENGLISH / OPT. GEOGRAPHY / OPT. ECONOMICS
B.AIII		HIST / MAR	HIST / MAR	HIST / MAR	HIST / MAR	C.ENG	HIST / MAR
B.AI		OPT. MARATHI	OPT. MARATHI	COMP. MARATHI	COMP. MARATHI	OPT. MARATHI OPT. ENGLISH	OPT. MARATHI / OPT ENGLISH
B.AII	8.20 TO 9.10	COMP. H.S.R.M.	COMP. H.S.R.M.	COMP. ENGLISH	OPT. ENGLISH / OPT. GEOGRAPHY / OPT. ECONOMICS	OPT. ENGLISH / OPT. GEOGRAPHY / OPT. ECONOMICS	OPT. ENGLISH / OP' GEOGRAPHY / OPT. ECONOMICS
B.AIII		C.ENG	HIST/MAR	HIST / MAR	C.ENG	HIST / MAR	HIST / MAR
9.1	0 TO 9.20			SH	ORT RECESS		
B.AI		GEOGRAPHY	HISTORY	C. ENGLISH	HISTORY	HISTORY	GEOGRAPHY
B.AII	9.20 TO 10.10	OPT. MARATHI / OPT. HISTORY	OPT. ENGLISH / OPT.GEOGRAPHY / OPT.ECONOMICS	COMP. H.S.R.M.	OPT. ENGLISH/ OPT. GEOGRAPHY/OPT. ECONOMICS	OPT. ENGLISH / OPT. GEOGRAPHY / OPT. ECONOMICS	COMP, ENGLISH
B.AIII		HIST / MAR	HIST / MAR	C.ENG	HIST / MAR	HIST/MAR	HIST / MAR
B.AI		ECONOMICS	COMP. MARATHI	GEOGRAPHY	ECONOMICS	C. ENGLISH	ECONOMICS
B.AII	10.10 TO 11.00	COMP. H.S.R.M.	OPT. ENGLISH / OPT. GEOGRAPHY / OPT. ECONOMICS	OPT. MARATHI / OPT. HISTORY	OPT. MARATHI / OPT. HISTORY	OPT. MARATHI / OPT. HISTORY	OPT. MARATHI / OPT HISTORY
B.AIII		HIST / MAR	HIST / MAR	HIST / MAR	HIST / MAR	HIST / MAR	HIST / MAR

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## **Master Time Table 2019-20 : Commerce Faculty**

			B.COM, MAS	TER TIME TABLE FO	OR 2019-20		
Class	TIME	MON	TUE	WED	THU	FRI	SAT
B.ComI		INSURANCE	ACCOUNTANCY	INSURANCE	ECONOMICS	ACCOUNTANCY	INSURANCE
B.ComII	7.30 TO 8.20	ECONOMICS	ENG	ECONOMICS	BUS. ENT.	MFS	BUS. ENT.
B.ComIII		A/C. I	B. R. F.	A/C. II	MMP	MMP	B. R. F.
B.ComI		ECONOMICS	ECONOMICS	MARKETING	INSURANCE	MANAGEMENT	MARKETING
B.ComII	8.20 TO 9.10	STAT	A/C.	A/C.	MFS	BUS. ENT.	STAT
B.ComIII		A/C. II	ECONOMICS	C. D.	A/C, I	C. D.	B. R. F.
9.10 TO 9.20 SHORT RECESS							
B.ComI		ACCOUNTACNY	ENGLISH	ACCOUNTANCY	MARKETING	ENGLISH	ECONOMICS
B.ComII	9.20 TO 10.10	STAT	A/C.	ENG	A/C.	MFS	ENG
B.ComIII		C. D.	A/C. I	MMP	ECONOMICS	A/C. I	A/C. II
B.ComI		MANAGEMENT	MANAGEMENT	MANAGEMENT	ENGLISH	MARKETING	ENGLISH
B.ComII	10.10 TO 11.00	BUS. ENT.	ENG	ECONOMICS	MFS	ECONOMICS	STAT
B.ComIII		ECONOMICS	C.D.	A/C. II	B. R. F.	MMP	ECONOMICS
B.ComI	11.00 TO 11.55	EXTRA LECTURE FOR SPOKEN ENGLISH	EXTRA LECTURE FOR SPOKEN ENGLISH	DEMOCRACY, ELECTIONS & GOOD GOVERNANCE	DEMOCRACY, ELECTIONS & GOOD GOVERNANCE	PHYSICAL EDUCATION	PHYSICAL EDUCATION



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# **Master Time Table 2019-20 : Science Faculty**

			B.SC. MAST	TER TIME TABLE FOR	2019-20		
Class	Time\Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
B.SC. I		English	English	English	1-Developmental Biology/ Chemical Science	2-Developmental Biology / Chemical Science	3-Developmental Biology Chemical Science
B.SC. II	11.00-11.50	Animal Tissue Culture	Inheritance Biology	Animal Tissue Culture	Bioenergetics and Enzymology	Fundamentals of Immunology	Biophysical Instruments
B.SC. III		1- Practical Course VIII	2- Practical Course VIII	3- Practical Course VIII	English	English	Recent Trends in Biotechnology
B.SC. I		Cell Biology	Cell Biology	English	2-Biophysics / Cell Biology	3-Biophysics / Cell Biology	1-Biophysics / Cell Biolog
B.SC. II	11.50-12.40	Inheritance Biology	Basics of Molecular Biology	Basics of Molecular Biology	Basics of Molecular Biology	Biophysical Instruments	Fundamentals of Immunology
B.SC. III		2- Practical Course IX	3- Practical Course IX	1- Practical Course	English	English	Project
B.SC. I		Chemical Science	Chemical Science	Metabolism	3-Biochemistry	1-Biochemistry	2-Biochemistry
B.SC. II	12.40-1.30	Fundamentals of Immunology	Animal Tissue Culture	Inheritance Biology	Bioenergetics and Enzymology	Bioenergetics and Enzymology	Biophysical Instruments
3.SC. III		3- Practical Course X	1- Practical Course X	2- Practical Course	Recent Trends in Biotechnology	Recent Trends in Biotechnology	Project

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## **Master Time Table 2019-20 : Science Faculty**

-			SHIVDARE COLLEGE OF	TER TIME TABLE FOR				
Class	Time\Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
M.SC. I		Concepts of Biochemistry	Microbiology	Concepts of Biochemistry	Microbiology	Biostatistics and Bioinformatics	Seminar	
M.SC. II	11.00-11.50	Industrial and Environmental Biotechnology	Practical (Plant Biotechnology)	Practical (Industrial and Environmental Biotechnology)	Genetic Engineering	Industrial and Environmental Biotechnology	Advanced Pharmaceuticals	
M.SC. I		Inheritance biology	Concepts of Biochemistry	Tutorial	Biostatistics and Bioinformatics	Inheritance biology	Concepts of Biochemistr	
M.SC. II	11.50-12.40	Plant Biotechnology	Practical (Plant Biotechnology)	Practical (Industrial and Environmental Biotechnology)	Industrial and Environmental Biotechnology	Advanced Pharmaceuticals	Tutorial	
M.SC. I		Inheritance biology	Microbiology	Inheritance biology	Microbiology	Tutorial	Biostatistics and Bioinformatics	
M.SC. II	12.40-1.30	Industrial and Environmental Biotechnology	Practical (Plant Biotechnology)	Practical (Industrial and Environmental Biotechnology)	Genetic Engineering	Plant Biotechnology	Advanced Pharmaceuticals	
1.3	30-2.10	RECESS						
M.SC. I	2.10-3.00	Biostatistics and Bioinformatics	1- Practical (Microbiology)	2- Practical (Microbiology)	1- Practical (Biochemistry)	2- Practical (Biochemistry)	Guest Lecture / Activity	
M.SC. II	2.10-3.00	Practical (Genetic Engineering)	Advanced Pharmaceuticals	Plant Biotechnology	Project	Project	Practical (Advanced Pharmaceuticals)	
M.SC. I	3.00-3.50	Library Hour	1- Practical (Microbiology)	2- Practical (Microbiology)	1- Practical (Biochemistry)	2- Practical (Biochemistry)	Guest Lecture / Activit	
M.SC. II	3.00-3.50	Practical (Genetic Engineering)	Plant Biotechnology	Genetic Engineering	Project	Project	Practical (Advanced Pharmaceuticals)	
3.5	0-4.00				BREAK			
M.SC. I	4.00-4.50	Library Hour	2- Practical (Inheritance)	1- Practical (Inheritance)	2- Practical (Biostatistics)	1- Practical (Biostatistics)	Guest Lecture / Activit	
M.SC. II	4.00-4.50	Practical (Genetic Engineering)	Genetic Engineering	Library Hour	Project	Project	Practical (Advanced Pharmaceuticals)	



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# **TIME TABLE: Department of Commerce 2019-20**

# V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR. TIME TABLE 2019-20

R	COM	PART	III
D.	COM	LHUI	- 111

TIME	MON	TUE	WED	THU	FRI	SAT
7.30 TO 8.20	A/C. I	B. R. F.	A/C. II	MMP	ММР	B. R. F.
8.20 TO 9.10	A/C. II	ECONOMICS	C. D.	A/C. I	C. D.	B. R. F.
9.10 TO 9.20			SHORT	RECESS		
9.20 TO 10.10	C. D.	A/C. I	MMP	ECONOMICS	A/C. I	A/C. II
0.10 TO 11.00	ECONOMICS	C. D.	A/C. II	B. R. F.	MMP	ECONOMICS

Time table will be implemented from  $28^{th}$  June 2019.



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# **TIME TABLE: Department of Commerce 2019-20**

# V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR. TIME TABLE 2019-20

# B. COM PART - II

TIME	MON	TUE	WED	THU	FRI	CAM
7.30 TO 8.20	ECONOMICS	ENG	ECONOMICS	BUS. ENT.	MFS	BUS. ENT.
8.20 TO 9.10	STAT	A/C.	A/C.	MFS	BUS. ENT.	STAT
9.10 TO 9.20			SHORT R	ECESS		JIMI
9.20 TO 10.10	STAT	A/C.	ENG	A/C.	MFS	ENG
10.10 TO 11.00	BUS. ENT.	ENG	ECONOMICS	MFS	ECONOMICS	STAT

Time table will be implemented from 28th June 2019.



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# **TIME TABLE: Department of Commerce 2019-20**

# V. G. SHIVDARE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SOLAPUR.

#### **TIME TABLE 2019-20**

#### B. COM. PART I

minan						
TIME	MON	TUE	WED	THU	FRI	SAT
7.30 TO 8.20	INSURANCE	ACCOUNTANCY	INSURANCE	ECONOMICS	ACCOUNTANCY	INSURANCE
8.20 TO 9.10	ECONOMICS	ECONOMICS	MARKETING	INSURANCE	MANAGEMENT	MARKETING
9.10 TO 9.20	ENGLY INC. CK		SHORT R	ECESS		
9.20 TO 10.10	ACCOUNTACNY	ENGLISH	ACCOUNTANCY	MARKETING	ENGLISH	ECONOMICS
10.10 TO 11.00	MANAGEMENT	MANAGEMENT	MANAGEMENT	ENGLISH	MARKETING	ENGLISH
11.00 TO 11.55	EXTRA LECTURE FOR SPOKEN	EXTRA LECTURE FOR SPOKEN	DEMOCRACY, ELECTIONS &	DEMOCRACY, ELECTIONS &	PHYSICAL	
	ENGLISH	ENGLISH	GOOD GOVERNANCE	GOOD GOVERNANCE	EDUCATION	PHYSICAL EDUCATION

This Timetable will be implemented from  $22^{nd}$  July 2019.

Room No: 102



Time / Day	Monday	Tuesday	Wednesday	Thursday	bruary 2022 offlin	
11.00				TICALS	Friday	Saturday
11:00 – 1:30 pm	Plant Biotechnology (VSA)	Project	Project	Industrial Environmental	Genetic Engineering	Advanced Pharmaceutical
1:30 -			Dan	Biotech(ABV)		(SG)
2:10 pm			BREA	K		
2:10 – 3:00 pm	Plant Biotechnology (VSA)	Plant Biotechnology (VSA)	Plant Biotechnology (VSA)	Plant Biotechnology (VSA)	Industrial Environmental Biotech(ABV)	Industrial Environmental Biotech(ABV)
3:00 – 3:50 pm	Engineering (RDP)	Genetic Engineering (RDP)	Genetic Engineering (RDP)	Industrial Environmental Biotech(ABV)	Advanced Pharmaceuticals (SG)	Advanced Pharmaceuticals (SG)
3:50 – 4:40 pm		Genetic Engineering (RDP)	Industrial Environmental Biotech(ABV)		Advanced Pharmaceuticals (SG)	Advanced Pharmaceuticals (SG)
	Manjunath	RDP – Ms.R	ukmini Potdar	ABV – Dr. Ann	nol Valsange	Dr.B.N.Kamble Principal

Time / Day	Monday	Tuesday	Wednesday	v.e.f. <b>0g</b> <sup>th</sup> Februar			
11:00 -	Concepts of	Biostatistics			Friday	Saturday	
11:50 am	Biochem(RSD)	(GDC)	Concepts of Biochem(RSD)	Microbiology (RDP)	Biostatistics	Biostatistic	
11:50 – 12:40 pm	Microbiology (RDP)	Microbiology (RDP)	Microbiology	Concepts of	(GDC) Concepts of	(GDC)	
12:40 -	Biostatistics	, ,	(RDP)	Biochem(RSD)	Biochem(RSD)		
1:30 pm	(GDC)	Inheritance Biology(GM)	Inheritance Biology(GM)	Inheritance Biology(SSS)	Inheritance		
1:30 – 2:10 pm			BRE	AK	Biology(SSS)		
2:10 - 5:00	Concepts of	PRACTICALS					
pm	Biochemistry (RSD)	Biostatistics (GDC)	Library hour	Microbiology (RDP)	Inheritance		
				()	Biology(GM)		
SSS – Mrs. Sl	nishikesh Dhanve nweta Shikhare	RDP – Ms.F GM – Mrs.C	Rukmini Potdar Gl Gopika Manjunath	DC - Mr. Gangao	har Chakre	N	
Mrs. Gopika N	formla					11/ans	
			Shede of Arts Co		Dr	B.N.Kamble	
HOI	)		SOLAPUR	90		Principal	

Timetable - T.Y. B.Sc. (Semester V) 2021-22 w.e.f. 20th February 2022 offline

Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10:00 – 10:50 am	English (SM)	English (SM)	English (SM)	English (SM)		Saturday
			PRACT	TCALS		
11:00 – 1:30 pm	Bioprocess Tech (ABV)	rDNA Tech & Genomics (RSD)	IPR (SRP)	Bioinformatics (GDC)	Bioanalytical tools (CW)	Evolutionary Biology
1:30 – 2:10 pm			BRE	AK		(LRG/SSS)
2:10 – 3:00 pm	Bioprocess Tech (ABV)	Bioprocess Tech (ABV)	Bioprocess Tech (ABV)	rDNA Tech (RSD)	rDNA Tech	rDNA Tech
3:00 – 3:50 pm	Bioinformatics (GDC)	Bioinformatics (GDC)	Bioinformatics (GDC)		(RSD)	(RSD)
3:50 – 5:00 pm	Project	Project	Library hour	IPR (SRP) Project	IPR (SRP) Project	IPR (SRP) Project

SM - Mrs. S.B.Mitkari ABV - Dr. Anmol Valsange GDC - Mr. Gangadhar Chakre RSD - Dr. Rhishikesh Dhanve SRP - Mrs. Swati Patil CW - Mr. Chetan Walke LRG - Mr.L.R.Gote SSS - Mrs.S.S Shikhare

M. G. Appled Mrs. Gopika Manjunath

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Dr.B.N.Kamble

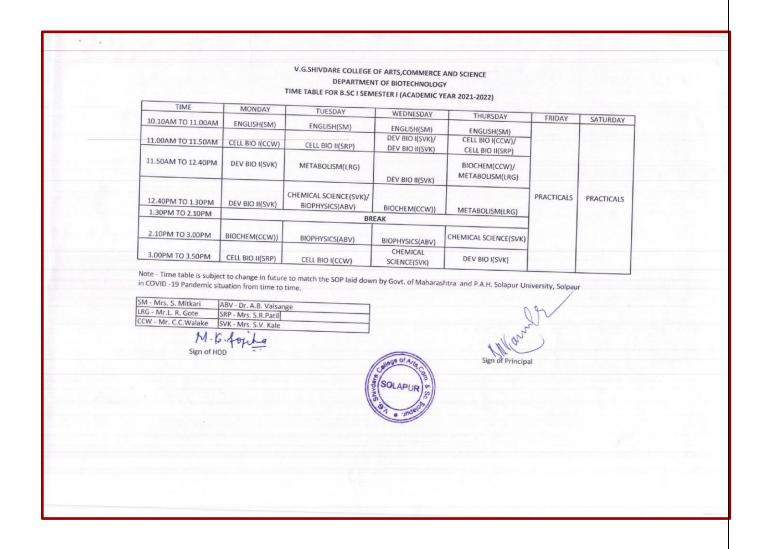
Principal

I imetable - S.Y. B.Sc. (Semester III) 2021-22 w.e.f. <b>Q0</b> <sup>th</sup> February 2022 - co.	
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					2022 Offine		
Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	0	
11:00 – 11:50 am	Plant Biotech- I (LRG)	Plant Biotech- I (LRG)	Plant Biotech- I (LRG)	- Marie Diotecti-		Saturday - Plant Biotec	
11:50 - 12:40	Miss. r		(ERG)	II(VSA)	II(VSA)	II(VSA)	
pm	Micro- I (SJ)	Micro- I (SJ)	Micro- I (SJ)	Micro- II (SJ)	Micro- II	Micro- II	
12:40 – 1:30 pm	Genetics-I (SSS)	Genetics-I	Genetics-I	Genetics-II	(SJ)	(SJ)	
1:30 -2:15 pm		(SSS)	(SSS) BREAK	(GM)	Genetics-II (GM)	Genetics-I (GM)	
			PRACTICALS				
2:15 -							
5:00 pm	Genetics (SSS)	Micro (SJ)	Plant Biotech (LRG)	Molecular Biology (GM)	Immunology (VSA)	Animal Biotech (SRP	

M. G. Joula Mrs. Gopika Manjunath

Principal



## **Annual Teaching Plan of Arts Faculty 2019-20**

#### ANNUAL TEACHING PLAN

#### **EDUCATIONAL YEAR - 2019-2020**

B.A. / B.COM. / B.SC. /M.SC. : B.A.-II

Name of Teacher:- Prof. Dr. Bansode D.D. पेपर क्र.: कविता वाड्:मयाचा प्रकार आणि काव्यास्वाद पुस्तके- रानातल्या कविता- कवि ना.धो.महानोर

Class: B.A.-II

#### FIRST TERM - SEMESTER - III

Sr. No.	Month	Name of Topic	Teaching Methods
1	20 June to July	काव्य वाड्:मय प्रकाराची ओळख करून देणे	व्याख्यान पध्दत
2	July to August	कवितेची संकल्पना निर्मिती व घटक समजावून सांगुन मराठी कवितेची वाटचाल स्पष्ट करणे	व्याख्यान पध्दत
3	August to September	रानातल्या कविता या संग्रहाचे आशयसूत्रे, ग्रामीण जीवन व निसर्ग चित्र यांचा आस्वादात्मक अभ्यास करणे	व्याख्यान पध्दत
4	September to 22 October	कवितेचे वर्गीकरण, भावसौंदर्य, काव्यशैली यांचा अभ्यास करणे	व्याख्यान पध्दत

#### SECOND TERM - SEMESTER - IV

कथा वाड्:मय प्रकार व व्यावहारिक मराठी

साहित्यकृती : आपण माणसात जमा नाही (कथा संग्रह)- राजन गवस

Sr. No.	Month	Name of Topic	Teaching Methods
1	14 November to December	कथा वाड्:मय प्रकाराची ओळख करून देणे	व्याख्यान पध्दत
2	December to January	राजन गवस यांचा जीवन परिचय व साहित्यिक प्रवास स्पष्ट करणे	व्याख्यान पध्दत
3	January to February	आपण माणसात जमा नाही या कथा संग्रहातील व्यक्तीरेखा, घटनाप्रसंग व तत्कालीन समाज चित्रण यांचा अभ्यास करणे	व्याख्यान पध्दत
4	February to 1 May	सारांश लेखन म्हणजे काय हे सांगून त्याचे घटक, महत्व व पध्दत स्पष्ट करणे	व्याख्यान पध्दत

Teacher's Sign

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## ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2019-2020

B.A. / B.COM. / B.SC. / M.SC. : B.A.-I

Name of Teacher:- Prof. Dr. Bansode D.D.

Subject :- ऐच्छिक मराठी- साहित्य रंग-

Paper No.1

Class: B.A.-I

#### कथा वाड्ःमय प्रकार

#### FIRST TERM - SEMESTER - Ist

Sr. No.	Month	Name of Topic	Teaching Methods
1	20 June to July	कथा म्हणजे काय? आणि कथेची परंपरा समजावून सांगणे	व्याख्यान पध्दत
2	July to August	साहित्यातील कथाकाराचा परिचय करून देणे	व्याख्यान पध्दत
3	August to September	साहित्य रंग या पुस्तकातील कथेतील कथानक सादर करणे	व्याख्यान पध्दत
4	September to 22 October	साहित्यातील सर्वात लोकप्रिय असलेला वाड्ःमय प्रकार म्हणजे कथा हे विधान सोदाहरणासह पटवून देणे	व्याख्यान पध्दत

#### SECOND TERM - SEMESTER - IInd

#### साहित्य रंग- कविता वाड्:मय प्रकार

Sr. No.	Month	Name of Topic	Teaching Methods
1	14 November to December	कविता वाड्ःमय प्रकार समजावून सांगणे	व्याख्यान पध्दत
2	December to January	कविता हा चैतन्याचा प्रवास असतो याची महती पटवून देणे	व्याख्यान पध्दत
3	January to February	प्राचीन काव्य, अर्वाचिन काव्य यांचे महत्व पटवून देणे	व्याख्यान पध्दत
4	February to 1 May	नोटस् व परिक्षेची तयारी	व्याख्यान पध्दत

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## ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2019-2020

B.A. / B.COM. / B.SC. /M.SC. : B.A.-III

Name of Teacher:- Prof. Dr. Bansode D.D.

पेपर क्र.: साहित्यशास्त्र

Class: B.A.-III

#### FIRST TERM - SEMESTER - V

Sr. No.	Month	Name of Topic	Teaching Methods
1	20 June to July	भारतीय काव्यशास्त्राचा स्थूल परिचय करून देणे व शब्द, रस, रिती, ध्वनी यांचा अभ्यास करणे	व्याख्यान पध्दत
2	July to August	साहित्याचे स्वरूप समजावून घेणे	व्याख्यान पध्दत
3	August to September	साहित्याच्या विविध प्रयोजनाचा परिचय करून	व्याख्यान पध्दत
4	September to 22 October	साहित्यनिर्मितीच्या जनक कारणाची माहिती करून घेणे व वाड्ःमयीन अभिरूची वृध्दीगंत करणे	व्याख्यान पध्दत

#### SECOND TERM - SEMESTER - VI

#### साहित्यशास्त्र

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Sr. No.	Month	Name of Topic	Teaching Methods
1	14 November to December	शब्दशक्ती, अभिधा, लक्षणा, व्यंजना यांचा अभ्यास करणे	व्याख्यान पध्दत
2	December to January	शब्दशक्तीचे स्वरूप समजावून घेवून साहित्याचा भाषा विचार समजावून घेणे	व्याख्यान पध्दत
3	January to February	साहित्यमूल्ये : भावनाशिलता, काल्पनिक, विचार प्रदानता, विषय निष्ठता, सामाजिकता, मानवतावाद, विज्ञाननिष्ठा यांचा परिचय करून देणे	व्याख्यान पध्दत
4	February to 1 May	शब्दांचा वक्रव्यापार, नादरूप, अलंकार, रूपक प्रतिमा, प्रतिक यांचा अभ्यास करणे	व्याख्यान पध्दत

Teacher's Sign



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## ANNUAL TEACHING PLAN **EDUCATIONAL YEAR - 2019-2020**

B.A. / B.COM. / B.SC. /M.SC. : B.A.-III Name of Teacher :- Prof. Dr. Bansode D.D. पेपर क्र. : आधुनिक मराठी साहित्यातील विविध प्रवाह

ग्रामीण साहित्य व दलित सहित्य : पुस्तक- बोलावे ते आम्ही- श्रीकांत देशमुख

पुस्तक : गुडदाणी-योगीराज वाघमारे

## Class: B.A.-III

#### FIRST TERM - SEMESTER - V

Sr. No.	Month	Name of Topic	Teaching Methods
1	20 June to July	आधुनिक मराठी साहित्यातील प्रवाहांच्या निर्मितीची पार्श्वभूमी समजावून सांगणे	व्याख्यान पध्दत
2	July to August	ग्रामीण व दलित साहित्य प्रवाहाची संकल्पना, प्रेरणा, स्वरूप, वैशिष्ट्ये विषद करणे	व्याख्यान पध्दत
3	August to September	ग्रामीण कवितेचे स्वरूप व दिलत कथेचे स्वरूप स्पष्ट करून श्रीकांत देशमुख व योगीराज वाधमारे यांचा परिचय करून देणे	व्याख्यान पध्दत
4	September to 22 October	कथेतील आशय, सामाजिकता, वैचारिकता, भाषा स्पष्ट करून सांगणे	व्याख्यान पध्दत

#### SECOND TERM - SEMESTER - VI

स्त्रीवादी साहित्य: पुस्तक- उत्खनन- गौरी देशपांडे मुस्लिम साहित्य : भोगले जे दुःख त्याला- आशा अफराद

Sr. No.	Month	Name of Topic	Teaching Methods
1	14 November to December	स्त्रीवादी कादंबरी म्हणजे काय? संकल्पना स्पष्ट करणे	व्याख्यान पध्दत
2	December to January	मुस्लिम मराठी आत्मचरित्राची संकल्पना स्वरूप व वाटचाल स्पष्ट करणे	व्याख्यान पध्दत
3	January to February	गौरी देशपांडे व आशा अफराद यांचा साहित्यातील सामजिकता स्पष्ट करणे	व्याख्यान पध्दत
4	February to 1 May	आत्मचरित्रातील आशयसूत्रे, सामाजिक चित्रण, व्यक्तीरेखा व भाषा स्पष्ट करणे	व्याख्यान पध्दत



#### **Annual Teaching Plan of Science Faculty 2019-20**

#### FIRST TERM – SEMESTER-III (Practicals) hod) Subject: Practical Course VI: Methods in Advanced Biotechnology- PAPER NO.-BT202 1p ussic Methods Name of Topic No. Month Demonstrative and Washing of glassware, Sterilization techniques 1st August -Experimental Plant Tissue Culture Media preparation 31st August Demonstrative and Isolation of explants, establishment of Callus 1st September Experimental Aseptic seed germination 30<sup>th</sup>September Initiation and establishment of cell suspension culture Demonstrative and Establishment of Ovule culture 1st October to Experimental Establishment of Anther culture 27<sup>th</sup>October SECOND TERM - SEMESTER-IV nta PAPER NO.-BT202 Subject: Plant Tissue Culture Teaching Name of Topic Month Sr. Methods No. Class room Unit-I:Introduction and Infrastructure: 26<sup>th</sup>November 1. History and scope of plant tissue culture with timeline. Aseptic teaching to 31st techniques in preparation, packing and sterilization of glassware, (Chalk-board December method) Maintainance of aseptic conditions and practices in plant tissue culture laboratory: laboratory fumigation, surface Group disinfection.General laboratory setup, Significance and importance Discussion of laboratory equipments, instruments, glassware and other requirements in plant tissue culture laboratory. Levels of safety 1st January to Unit-II:Culture Techniques: Class room 2. Concept of totipotency, Culture media, media composition with teaching 31st January significance and preparation. Culture techniques - callus, (Chalk-board suspension, organ culture, Endosperm culture, Nucellus culture. method) Unit-III:Protoplast culture: Group Protoplast isolation, gene transfer in protoplast, fusion, cell wall Discussion regeneration & culture. 1st February to Production of hybrids & cybrid. Class room Somaclonal variation: Introduction, terminology, origin, selection 31st February teaching at plant level, selection at cell level, mechanism (Chalk-board Unit-I:Clonal Propagation Micropropagation: method) Stages, Micropropagation through callus, Axillary Branching, Group Adventitious buds, Factor affecting, Limitations & Applications of Discussion micropropagation. 1st March to Organogenesis, somatic embryogenesis, factors affecting somatic Class room embryogenesis. Plant hardening, Artificial seed production. 31<sup>st</sup> March teaching Unit-I:Cryopreservation: (Chalk-board

	Defination, Selection of plant materials, Techniques of cryopreservations: Freezing treatment, Long term cold storage, Thawing, Viability test, Plant regeneration. Cryopreseravtive agents, Advantages of cryopreservation.	method) Group Discussion
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SECOND TERM – SEMESTER-IV (Practicals)
e VI: Methods in Advanced Biotechnology- PAPER NO.-BT202

Sr. No.	Month	Name of Topic Teaching	Methods
1.	26 <sup>th</sup> November to 31 <sup>st</sup> December	Protoplast isolation Separation of serum and plasma from blood by using centrifugation technique	Demonstrative and Experimental
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	Cell counting Visit to a Tissue Culture Laboratory	Demonstrative and Experimental
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	Animal Cell culture media preparation Cell separation by Trypsinization	Demonstrative and Experimental
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	Aseptic seed germination	Demonstrative and Experimental





#### B.Sc.-I Biotechnology SECOND TERM – SEMESTER-II

Subject: Environmental Pollution

Sr. No.	Month	Name of Topic	Teaching Methods
1.	26 <sup>th</sup> November to 31 <sup>st</sup> December	Unit – I Air and Noise pollution: Air pollution – Sources, types of air pollutants & its effects on humans & environment, acid rain, smog, ozone depletion, greenhouse effect, global warming vehicular pollution- sources, impacts on environment. Catalytic converters - uses of catalytic converters in vehicular pollution control, Air pollution Act. Case study – Bhopal gas tragedy. Noise Pollution – Introduction to sound and noise, sources of noise, measurement of noise, adverse effect of noise pollution.	Class room teaching (Chalk-board method) Group Discussion
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	Unit-II: Water and Soil pollution: Water Pollution – Types of waste, sources, their composition, effects on humans & environment, marine pollution, thermal pollution, eutrophication, pathogenic diseases, BOD, COD, limits for disposal on land, water bodies. Case study – Minamata episode. Soil/Land pollution – Soil formation, its contents, sources of pollution, soil salinity, effect of fertilizers & pesticides, impact of excessive irrigation, impact of mining.	Class room teaching (Chalk-board method) Group Discussion
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	Unit-III: Nuclear pollution: Nuclear pollution – Radioactivity, isotopes, uses, sources of pollution, measurement of radiation, nuclear fission-electricity, atom bomb; nuclear fusion-hydrogen bomb, treatment of nuclear wastes, effects of nuclear radiation. Case study – Chernobyl nuclear disaster. Problems of pollution – definition, sources of pollution, local & global impacts of pollution, industrialization, urbanization.	Class room teaching (Chalk-board method) Group Discussion
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	Uniit-IV:Energy Resources: Energy requirements of modern society, conventional energy sources, energy crisis. Non conventional energy sources – Solar, wind, tidal, OTEC, geothermal, hydrogen, solid waste. Biomass energy – Non biological methods-Wood as fuel, gasification, liquefaction, pyrolysis, Biological-biogas generation, molasses fermentation for alcohol, bioethanol, biodiesel. Energy plantation, gasohol experiment, new techniques on biological energy production.	Class room teaching (Chalk-board method) Group Discussion





# SECOND TERM – SEMESTER-II (Practicals) rse – I: (BASED ON BT 105)

Sr. No.	Month	Name of Topic Teaching	Methods
1.	26 <sup>th</sup> November to 31 <sup>st</sup> December	Determination of TS, TDS, TSS. Determination of Dissolved oxygen	Demonstrative and Experimental
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	Estimation of Nitrates. Estimation of biomass from terrestrial ecosystem. Determination of soil pH	Demonstrative and Experimental
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	Estimation of Calcium & Magnesium from water. Estimation of Oil & Grease	Demonstrative and Experimental
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	Determination of Salinity of soil. Estimation of Sulphates	Demonstrative and Experimental



Teacher Sign

# ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2019- 2020 B.Sc.-II Biotechnology

Name of Teacher:- Mr. GOTE L.R.

#### FIRST TERM – SEMESTER-III

PAPER NO.-BT202

Subject: Animal T	issue Cultur	re
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Sr. No.	Month	Name of Topic	Teaching Methods
1.	22 <sup>nd</sup> July to 31 <sup>st</sup> August	Unit-I: Introduction: History. Laboratory design, Characteristics of animal cell in culture, substrate for cell growth, Equipments required for animal cell culture – Laminar air flow, CO2 incubator, Centrifuge, Inverted microscope etc. Sterilization of apparatus. Unit-II: Media Culture media: Natural media, synthetic media – serum containing media, serum free media, balanced salt solution, and complete media. Physicochemical properties of media, Sterilization of media.	Class room teaching (Chalk-board method) Group Discussion
2.	1 <sup>st</sup> September 30 <sup>th</sup> September	Unit-III: Culture techniques: Primary cell culture: Cell Separation – Mechanical, Enzymatic. Criteria for subculture, Types of organs culture, Cell synchronization- Cell separation by physical means and chemical blockade. Unit-IV: Establishment of cell lines: Cell lines selection and routine maintenance of cell lines, Cell counting and monitoring, Indirect methods of cell determination – Protein, DNA, LDH, and Glucose determination.	Class room teaching (Chalk-board method) Group Discussion
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	Cell line Identification: Tests of identification – Karyotyping, Isozymes, Labeled antibodies and DNA fingerprinting. Analysis of the cell cycle – Tritiated thymidine pulse method, Flow cytometry Unit-V: Genetic engineering & Applications of animal cell culture: Genetic engineering of animal cells in culture: Gene transfer into mammalian cells – Transfer of naked DNA, DNA transfer using viruses Applications: Monoclonal antibodies. Viral vaccines – production of viruses & cell lines for vaccine production, Glycoprotein from mammalian cells – Interferons, Plasminogen activators, Blood clotting factors and Erythropoietin. Cells as a product – Artificial skin, Organs,	Class room teaching (Chalk-board method) Group Discussion

Teacher Sign



FIRST TERM – SEMESTER-III (Practicals)
Subject: Practical Course VI: Methods in Advanced Biotechnology- PAPER NO.-BT202

Sr. No.	Month	Name of Topic	Methods  Demonstrative and
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	Washing of glassware, Sterilization techniques Plant Tissue Culture Media preparation	Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> September	Isolation of explants, establishment of Callus Aseptic seed germination Initiation and establishment of cell suspension culture	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	Establishment of Ovule culture Establishment of Anther culture	Demonstrative and Experimental

# B.Sc.-I Biotechnology FIRST TERM – SEMESTER-I

PAPER NO: DSC1A

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	UNIT I: Introduction to Biochemistry:  A historical prospective. Amino acids & Proteins: Structure & Function. Structure and properties of Amino acids, Types of proteins and their classification, Forces stabilizing protein structure and shape. Different level of structural organization of proteins. Denaturation and renaturation of proteins. Fibrous and globular proteins.  UNIT II: Carbohydrates:  Structure, Function and properties of Monosaccharides, Disaccharides and Polysaccharides., Mucopolysaccharides, Bacterial cell wall polysaccharides, Glycoprotein's and their biological functions.	Class room teaching (Chalk-board method) Group Discussion
2.	1 <sup>st</sup> September 30 <sup>th</sup> September	UNIT III: Lipids:  Structure and functions –Classification, nomenclature and properties of fatty acids, essential fatty acids. Phospholipids, sphingolipids, glycolipids, cerebrosides, gangliosides, prostaglandins, cholesterol.  UNIT IV: Nucleic acids:  Structure and functions: Physical & chemical properties of Nucleic acids, Nucleosides & Nucleotides, purines & pyrimidines, Biologically important nucleotides, Double helical model of DNA structure and forces responsible for A, B & Z- DNA, denaturation and renaturation of DNA.	Class room teaching (Chalk-board method) Group Discussion
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	UNIT V: Enzymes: Nomenclature and classification of Enzymes, Holoenzyme, apoenzyme, Cofactors, coenzyme, prosthetic groups, metalloenzymes, monomeric & oligomeric enzymes, activation energy and transition state, enzyme activity, specific activity, common features of active sites. enzyme specificity: types & theories, Biocatalysts from extreme thermophilic	Class room teaching (Chalk-board method) Group Discussion

	and hyperthermophilic archaea and bacteria.  UNIT VI Vitamins: Definition, differences between fat soluble & water soluble vitamins. Source, requirement, Role of: NAD+, NADP+, FMN/FAD, coenzymes A, Thiamine pyrophosphate, Pyridoxal phosphate, lipoic-acid, Biotin vitamin B12, Tetrahydrofolate and metallic ions.	
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## B.Sc.-I Biotechnology FIRST TERM – SEMESTER-I PAPER NO.- DSC 1B

Subject: METABOLISM

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	UNIT I: Carbohydrates Metabolism: Reactions, energetics and regulation. Glycolysis: Fate of pyruvate under aerobic and anaerobic conditions. Pentose phosphate pathway and its significance, Gluconeogenesis, Glycogenolysis and glycogen synthesis. TCA cycle. UNIT II: Oxidative phosphorylation: membrane arrangement of respiratory chain and electron transport mechanism of oxidative phosphorylation;	Class room teaching (Chalk-board method) Group Discussion
2.	1 <sup>st</sup> September 30 <sup>th</sup> September	ATP synthase complex and ATP generation; Inhibitors & Uncouplers of electron transport chain and ATP synthase complex.  UNIT III:Amino acid metabolism: General reactions of amino acid metabolism and urea cycle. glycogenic and ketogenic amino acids.  UNIT IV: Nucleotide metabolism: Sources of the atoms in the purine and pyrimidine molecules Outline of biosynthesis and degradation of purine and pyrimidines,	Class room teaching (Chalk-board method) Group Discussion
3.	1 <sup>st</sup> October to 27 <sup>th</sup> October	UNIT V: Lipid metabolism: Biosynthesis of saturated and unsaturated fatty acids. Hydrolysis of triacylglycerols, Transport of fatty acid into mitochondria, β oxidation of saturated fatty acids. UNIT VI:Hormonal regulation of metabolism: Hormones regulates metabolism of carbohydrates, proteins and fats. Biochemistry of starvation: Alternate methods of energy generation, organ interrelationships during starvation.	Class room teaching (Chalk-board method) Group Discussion

Teacher Sign



# FIRST TERM – SEMESTER-II (Practicals) Subject: Practical Course I Based on DSC 1 A & 1B

Sr. No.	Month	Name of Topic Teaching	Methods  Demonstrative and
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	1.Principles of Colorimetry:     (i) estimation of protein by Lowry's method.     (ii) To study relation between absorbance and % transmission.	Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb	2.Separation of Amino acids by paper chromatography.	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	Qualitative analysis of uric acid.     4.Qualitative tests for Carbohydrates, lipids and proteins.	Demonstrative and Experimental

# B.Sc.-II Biotechnology SECOND TERM – SEMESTER-IV

Subject: Plant Tissue Culture

PAPER NO.-BT202

Sr. No.	Month	Name of Topic	Teaching Methods
1.	14 <sup>TH</sup> November to 31 <sup>st</sup> December	Unit-I:Introduction and Infrastructu: History and scope of plant tissue culture with timeline. Aseptic techniques in preparation, packing and sterilization of glassware, Maintainance of aseptic conditions and practices in plant tissue culture laboratory: laboratory fumigation, surface disinfection.General laboratory setup, Significance and importance of laboratory equipments, instruments, glassware and other requirements in plant tissue culture laboratory. Levels of safety Unit-II:Culture Techniques: Concept of totipotency, Culture media, media composition with significance and preparation.	Class room teaching (Chalk-board method) Group Discussion
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	Culture techniques – callus, suspension, organ culture, Endosperm culture, Nucellus culture.  Unit-III:Protoplast culture: Protoplast isolation, gene transfer in protoplast, fusion, cell wall regeneration & culture. Production of hybrids &	Class room teaching (Chalk-board method) Group Discussion



#### B.Sc-I Biotechnology SECOND TERM – SEMESTER-IV

Subject: MAMMALIAN PHYSIOLOGY-I

PAPER NO.- DSC 1B

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> November to 31 <sup>st</sup> December	UNIT I: Digestion: digestive system, Mechanism of digestion & absorption and assimilation of carbohydrates, Proteins, Lipids and nucleic acids.	Class room teaching (Chalk- board method) Group Discussion
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	UNIT II Digestive fluids: Composition of bile, Saliva, Pancreatic, gastric and intestinal juice.	Class room teaching (Chalk- board method) Group Discussion
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	UNIT III Respiration: respiratory system, mechanism, Exchange of gases, Transport of O2 and CO2, Oxygen dissociation curve, Chloride shift.	Class room teaching (Chalk- board method) Group Discussion
4.	1st March to 31st March	UNIT IV Circulation: Composition of blood, Plasma proteins & their role, blood cells, Haemtopoisis, Mechanism of coagulation of blood UNIT V Mechanism of working of heart: Cardiac output, cardiac cycle, Origin & conduction of heart beat. UNIT VI Skeletal system: Axillary and peripheral Skeletal system, types of joints.	Class room teaching (Chalk- board method) Group Discussion

#### B.Sc-III Biotechnology SECOND TERM – SEMESTER-VI

Subject: Applications of Biotechnology

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> February to 31 <sup>st</sup> February	UNIT I: Genetic Engineering in Animals: Transgenic animals (transgenic mice model for Alzheimer disease), Transgeniclivestock (e.g. for improved milk quality), Nucleic acid as Therapeutic agents: Antisense RNA, Antisense oligonucleotides, chimeric RNA-DNAmolecules, Interfering RNA, Gene therapy for cystic fibrosis.	Class room teaching (Chalk- board method) Group Discussion







		cybrid. Somaclonal variation: Introduction, terminology, origin, selection at plant level, selection at cell level, mechanism	diam'r.
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	Unit-I:Clonal Propagation Micropropagation: Stages, Micropropagation through callus, Axillary Branching, Adventitious buds, Factor affecting, Limitations & Applications of micropropagation. Organogenesis, somatic embryogenesis, factors affecting somatic embryogenesis.	Class room teaching (Chalk-board method) Group Discussion
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	Plant hardening, Artificial seed production.  Unit-I:Cryopreservation: Defination, Selection of plant materials, Techniques of cryopreservations: Freezing treatment, Long term cold storage, Thawing, Viability test, Plant regeneration. Cryopreseravtive agents, Advantages of cryopreservation.	Class room teaching (Chalk-board method) Group Discussion

SECOND TERM – SEMESTER-IV (Practicals)
Subject: Practical Course VI: Methods in Advanced Biotechnology- PAPER NO.-BT202

Sr. No.	Month	Name of Topic	Methods
1.	14 <sup>TH</sup> November to 31 <sup>st</sup> December	Protoplast isolation Separation of serum and plasma from blood by using centrifugation technique	Demonstrative and Experimental
2.	to 31 <sup>st</sup> January	Cell counting Visit to a Tissue Culture Laboratory	Demonstrative and Experimental
3.	February to 31st February	Animal Cell culture media preparation Cell separation by Trypsinization	Demonstrative and Experimental
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	Aseptic seed germination	Demonstrative and Experimental





#### B.Sc-I Biotechnology SECOND TERM – SEMESTER-IV

Subject: MAMMALIAN PHYSIOLOGY-I

PAPER NO.- DSC 1B

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> November to 31 <sup>st</sup> December	UNIT I: Digestion: digestive system, Mechanism of digestion & absorption and assimilation of carbohydrates, Proteins, Lipids and nucleic acids.	Class room teaching (Chalk- board method) Group Discussion
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	UNIT II Digestive fluids: Composition of bile, Saliva, Pancreatic, gastric and intestinal juice.	Class room teaching (Chalk- board method) Group Discussion
3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	UNIT III Respiration: respiratory system, mechanism, Exchange of gases, Transport of O2 and CO2, Oxygen dissociation curve, Chloride shift.	Class room teaching (Chalk- board method) Group Discussion
4.	1 <sup>st</sup> March to 31 <sup>st</sup> March	UNIT IV Circulation: Composition of blood, Plasma proteins & their role, blood cells, Haemtopoisis, Mechanism of coagulation of blood UNIT V Mechanism of working of heart: Cardiac output, cardiac cycle, Origin & conduction of heart beat. UNIT VI Skeletal system: Axillary and peripheral Skeletal system, types of joints.	Class room teaching (Chalk- board method) Group Discussion

# B.Sc-III Biotechnology SECOND TERM – SEMESTER-VI

Subject: Applications of Biotechnology

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> February to 31 <sup>st</sup> February	UNIT I: Genetic Engineering in Animals: Transgenic animals (transgenic mice model for Alzheimer disease), Transgeniclivestock (e.g. for improved milk quality), Nucleic acid as Therapeutic agents: Antisense RNA, Antisense oligonucleotides, chimeric RNA-DNAmolecules, Interfering RNA, Gene therapy for cystic fibrosis.	Class room teaching (Chalk- board method) Group Discussion



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# SECOND TERM – SEMESTER-II (Practicals) Subject: Practical Course I Based on DSC 1 A & 1B

Sr. No.	Month	Name of Topic Teaching	Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	5.Determination of blood groups. 6.Counting of mammalian RBCs	Demonstrative and Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb	7. Determination of Total Leukocyte Count. 8. Determination of Differential Leukocyte Count	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	9. Determination of Haemoglobin. 10.Estimation of creatine in urine	Demonstrative and Experimental

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# SECOND TERM – SEMESTER-II (Practicals) Subject: Practical Course I Based on DSC 1 A & 1B

Sr. No.	Month	Name of Topic Teaching	Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	5.Determination of blood groups. 6.Counting of mammalian RBCs	Demonstrative and Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb	7. Determination of Total Leukocyte Count.  8. Determination of Differential Leukocyte Count	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	9. Determination of Haemoglobin. 10.Estimation of creatine in urine	Demonstrative and Experimental

Teacher Sign

# FIRST TERM – SEMESTER-III (Practicals) Subject: Practical Course Based on DSC 3C & 3D

Sr. No.	Month	Name of Topic	Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	1.Initiation and establishment of cell suspension culture.     2. Protoplast fusions and culture by calcium ion or polyethylene glycol (PEG) method.	Demonstrative and Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb er	3.Isolation of Ti plasmid from Agrobacterium tumefaciens 4.Anther culture and production of haploids 5.Synthetic seed production.  6.Sterilization techniques: Theory and Practical: Glass ware sterilization, Media sterilization, 7.Laboratory sterilization	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	8. Sources of contamination and decontamination measures.	Demonstrative and Experimental

Teacher Sign





#### B.Sc.-I Biotechnology FIRST TERM – SEMESTER-I

Subject: METABOLISM

PAPER NO.- DSC 1

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	UNIT I: Carbohydrates Metabolism: Reactions, energetics and regulation. Glycolysis: Fate of pyruvate under aerobic and anaerobic conditions. Pentose phosphate pathway and its significance, Gluconeogenesis, Glycogenolysis and glycogen synthesis. TCA cycle. UNIT II: Oxidative phosphorylation: membrane arrangement of respiratory chain and electron transport mechanism of oxidative phosphorylation;	Online Teaching method - Zoom and Google Meet
2.	1 <sup>st</sup> September 30 <sup>th</sup> September	ATP synthase complex and ATP generation; Inhibitors & Uncouplers of electron transport chain and ATP synthase complex.  UNIT III:Amino acid metabolism: General reactions of amino acid metabolism and urea cycle. glycogenic and ketogenic amino acids.  UNIT IV: Nucleotide metabolism: Sources of the atoms in the purine and pyrimidine molecules Outline of biosynthesis and degradation of purine and pyrimidines,	Online Teaching method - Zoom and Google Meet
3.	1 <sup>st</sup> October to 27 <sup>th</sup> October	UNIT V: Lipid metabolism: Biosynthesis of saturated and unsaturated fatty acids. Hydrolysis of triacylglycerols, Transport of fatty acid into mitochondria, β oxidation of saturated fatty acids. UNIT VI:Hormonal regulation of metabolism: Hormones regulates metabolism of carbohydrates, proteins and fats. Biochemistry of starvation: Alternate methods of energy generation, organ interrelationships during starvation.	Online Teaching method - Zoom and Google Meet

Teacher Sign



## FIRST TERM – SEMESTER-II (Practicals)

Subject: Practical Course I Based on DSC 1 A & 1B

Sr. No.	Month	Name of Topic	Methods  Demonstrative and
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	1.Principles of Colorimetry:     (i) estimation of protein by Lowry's method.     (ii) To study relation between absorbance and % transmission.	Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb	2.Separation of Amino acids by paper chromatography.	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	3.Qualitative analysis of uric acid. 4.Qualitative tests for Carbohydrates, lipids and proteins.	Demonstrative and Experimental

#### SECOND TERM - SEMESTER-IV

Subject: MAMMALIAN PHYSIOLOGY-I

PAPER NO.- DSC 1B

Sr. No.	Month	Name of Topic	Teaching Methods
1.	1 <sup>st</sup> November to 31 <sup>st</sup> December	UNIT I: Digestion: digestive system, Mechanism of digestion & absorption and assimilation of carbohydrates, Proteins, Lipids and nucleic acids.	Class room teaching (Chalk- board method) Group Discussion
2.	1 <sup>st</sup> January to 31 <sup>st</sup> January	UNIT II Digestive fluids: Composition of bile, Saliva, Pancreatic, gastric and intestinal juice.	Class room teaching (Chalk- board method) Group Discussion





3.	1 <sup>st</sup> February to 31 <sup>st</sup> February	UNIT III Respiration: respiratory system, mechanism, Exchange of gases, Transport of O2 and CO2, Oxygen dissociation curve, Chloride shift.	Class room teaching (Chalk- board method) Group Discussion
4.	1st March to 31st March	UNIT IV Circulation: Composition of blood, Plasma proteins & their role, blood cells, Haemtopoisis, Mechanism of coagulation of blood UNIT V Mechanism of working of heart: Cardiac output, cardiac cycle, Origin & conduction of heart beat. UNIT VI Skeletal system: Axillary and peripheral Skeletal system, types of joints.	Class room teaching (Chalk- board method) Group Discussion

## SECOND TERM – SEMESTER-II (Practicals) Subject: Practical Course I Based on DSC 1 A & 1B

Sr. No.	Month	Name of Topic Teaching	Methods
1.	1 <sup>st</sup> August – 31 <sup>st</sup> August	5.Determination of blood groups. 6.Counting of mammalian RBCs	Demonstrative and Experimental
2.	1 <sup>st</sup> September 30 <sup>th</sup> Septemb	7. Determination of Total Leukocyte Count.  8. Determination of Differential Leukocyte Count	Demonstrative and Experimental
3.	1 <sup>st</sup> October to 22 <sup>nd</sup> October	Determination of Haemoglobin.     10.Estimation of creatine in urine	Demonstrative and Experimental

# SECOND TERM – SEMESTER-VI Subject: PAPER-XIII: ANIMAL BIOTECHNOLOGY AND STEM CELL TECHNOLOGY

Sr. No.	Month	Name of Topic	Teaching Methods
1.	November to 31st December	UNIT I: Introduction, history of animal cell culture and cell culture media Introduction, importance, history of cell culture development, different tissue culture techniques including primary and secondary culture,	Class room teaching (Chalk- board method) Group Discussion



2) The te	ali Vacation teaching plademic sprea	UNIT II Characters of cells and behavior: Behavior of ells in culture, division, heir growth pattern, metabolism of estimation of cell umber. Scaling up he cell culture to large scale/industrial level production  1. 4 <sup>th</sup> November 2020 – 22 <sup>nd</sup> November 2020 an and methods subjects to change time to time due to COV and and decision on University examination by competent auchedule is tentative may vary later on upon University guid	ethorite.
2) The te	ali Vacation teaching pla	an: 4 <sup>th</sup> November 2020 – 22 <sup>nd</sup> November 2020 an and methods subjects to change time to time due to COV	ethorite.
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### **ANNUAL TEACHING PLAN COMMERCE FACULTY 2017-18**

# ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2017 - 2018

B.com I

Name of Teacher:- Manure. V.S.

Subject:- Financial Accounting

Paper No:\_\_\_\_\_

#### FIRST TERM - SEMESTER - I

Sr. No.	Month	Name of Topic	Teaching Methods
1	June to July	Introduction to accounting A- Meaning & Scope of Accounting: Objective Introduction Origin and Growth of Accounting Meaning of Accounting Distinction between Book-Keeping and Accounting Distinction between Accounting and Accountancy Nature of Accounting Users of Accounting Branches of Accounting Role of Accounting	Lecture, backboard, PPT
		<ul> <li>Role of Accounting</li> <li>Limitations of Accounting</li> <li>Systems of Accounting</li> <li>Double entry book keeping system – Basic accounting equation, meaning of assets, liabilities, equity, revenue and expenses</li> <li>Bases of accounting; cash basis and accrual basis.</li> <li>ACCOUNTING CONCEPTS AND CONVENTIONS Accounting Concepts</li> <li>Separate Business Entity Concept</li> <li>Money Measurement Concept</li> <li>Dual Aspect Concept</li> <li>Going Concern Concept</li> </ul>	Amore and a state of the





		Recording in the books of Consignor – at cost & at invoice price, Valuation of unsold stock; Ordinary commission. Treatment and valuation of abnormal & normal loss. Special commission; Del credere commission (with and without bad debt) - use of Consignment Debtors A/C. Recording in the books of Consignee	
3	January To February	III) Branch accounting Concept of Branch; different types of Branches. Synthetic method – preparation of Branch account Preparation of Branch Trading and P/L account. ( at cost & at IP ) – normal and abnormal losses. Stock and debtors method – (at cost & at IP ) – normal & abnormal losses Independent branch – concept of wholesale profit and basic idea of incorporation	Lecture, problem solving on black board,
4	February To March	IV) Departmental accounts Concept, difference with Branch, objective of preparation of departmental accounts ,apportionment of common cost; Preparation of Departmental Trading and P/L account, Consolidated Trading and P/L account; inter departmental transfer of goods at cost, cost plus and at selling price and elimination of unrealized profit.	Lecture, problem solving on black board,

Teacher's Sign

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# ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2017 - 2018

B.com I

Name of Teacher:- Manure. V.S.

Subject:- Principles of Marketing

Paper No:\_\_\_\_\_

## FIRST TERM – SEMESTER – I

Sr. No.	Month	Name of Topic	Teaching Methods
1	June to July	I) Introduction Meaning, Definitions,- nature and scope of marketing, Importance of marketing, Selling v/s Marketing, Marketing Environment	Lecture, black board, PPT
2	July To August	II) Markets & Market Segmentation  - Meaning of market.  - Various types of Markets.  - Market segmentation – Meaning. Importance – Bases for market Segmentation.	Lecture, black board, PPT
3	August To September	III) Marketing Mix a) Product - Concept of Product - Consumer & Industrial goods - Packaging- Functions of Packaging, - Branding and Trademarks Concept of Product Life Cycle After sales services	Lecture, black board, PPT
4	September To October		Lecture, black board, PPT

## SECOND TERM - SEMESTER - II

Sr. No.	Month	Name of Topic	Teaching Methods
1	November To December		Lecture, black board, PPT



		b) Promotion - Meaning, Methods of promotion	
2	December To January	II) Consumer Behavior Meaning, - Definitions Significance of Consumer behavior - factors affecting consumer behavior - Consumer Protection Act1986 - Salient features – Definition of consumer, - Grievance redressal of machinery	Lecture, black board, PPT
3	January To February	III) Recent Trends in Marketing A) E- Business.  - Meaning of E- business.  - Electronic Equipment's and Techniques Necessary for EBusiness.  - Difference between E- Business & ECommerce.  - Types of E- Business.  - Advantages of E- Business.  - Limitations of E- Business.  B) Tele Marketing or Tele Shopping.  - Meaning of Tele Marketing.  - Procedure of Tele Marketing Transactions.  - Features of Tele Marketing.  C) Mobile Business.  - Meaning of Mobile Business.  - Features of Mobile Business.  - Some Illustrations of Mobile Business.  D) Virtual Marketing.  - Meaning of Virtual Marketing.  - Characteristics of Virtual Marketing.  - Characteristics of Virtual Marketing.	Lecture, black board, PPT
4	February To March	IV) Marketing Research Meaning Importance and steps involved in the process of marketing research.	Lecture, black board, PPT
	Teacher's Sign		R.Vool
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# ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2017 - 2018

B.com II

Name of Teacher:- Manure. V.S.

Subject:- Fundamentals of Entrepreneurship

Paper No:\_\_\_\_\_

### FIRST TERM - SEMESTER - III

Sr. No.	Month	Name of Topic	Teaching Methods
1	June to July	I) Introduction to Entrepreneurship  A] Entrepreneur – Meaning, Definition, Importance, Functions, Qualities and Types.  Advantages of becoming Entrepreneur.  Challenges before entrepreneurship in modern era.	Lecture, backboard, PPT
		B] Entrepreneurship- Meaning, factors motivating Entrepreneurship, obstacles in Entrepreneurship. Entrepreneurship theories-Joseph Schumpeter's Innovation theory, McClelland's theory of need for achievement.	
2	July To August	II) Entrepreneurship in Different sectors.  A] Women Entrepreneurship- Concept, characteristic, Obstacles, Remedies for women entrepreneurships. Role of SHG in women entrepreneurship development.  B] Social Entrepreneurship- Concept and Need.	Lecture, backboard, PPT
		Cl Group Entrepreneurship- Concept, Meaning, and Significance of group entrepreneurship.	
3	August To September	III) Starting New Venture  A] Idea Generation- Meaning of Idea generation, Methods of Idea generation-Brainstorming, Creativity, Checklist, Industrial focus Group.  B] Idea Screening-	Lecture, backboard, PPT
	The same	Trends- Political, Economical, Social and Technological.  Industry - Threat of substitute, bargaining power of buyers, rivalry, threat of new entrants.  Markets - Current size, growth rate, stage	



		development cycle, industry profitability.  Similar Firms- returns on capital, efficiency, competition	
4	September To October	IV) Project Management and Project Report Al Project Management- Meaning and concept of project, Importance, Stages of Project management. Bl Report Writing- Meaning of project report, Contains of Project report. Preparation of Project report of- Retail stores, Hotel, Computer store and Beauty parlor.	PPT

#### SECOND TERM - SEMESTER - IV

Sr. No.	Month	Name of Topic	Teaching Methods
1	November To December	I) Entrepreneurship Development A] Entrepreneurship Development- Concept, Meaning, objective, process, problems and measures of EDP in India. B] Institutional Support- DIC- MIDC, EDI, NIESBUD, NISIET, SIDO, SIDBI, TCO (Only Meaning and Functions)	Lecture, backboard, PPT
2	December To January	II) Small Scale Industries  A] Small scale Industries- meaning, Features, Need of small scale industries, Incentives for Small Scale Units-Meaning & objectives for incentives, subsidy Tax concession, Marketing & Export Assistance, Technical Assistances.  B] Industrial sickness -Reasons of failure of small scale industries- Industrial sickness- reasons, symptoms and corrective measures. Role of government in promoting the small scale industry.	Lecture, backboard, PPT
3	January To February	III) Rural and Agri. Entrepreneurship A] Rural Entrepreneurship-Concept, Need, Problem of rural entrepreneurship. B] Agri. Entrepreneurship. Concept. Need.	Lecture, backboard, PPT
1	February To March	Opportunities, problems and suggestions.  IV) Lessons from Successful Entrepreneurship JRD Tata- Tata Dhirubhai Ambani- Reliance Bill Gates- Microsoft Steve Jobs- Apple	Lecture, backboard, PPT

H.O.D.

# ANNUAL TEACHING PLAN EDUCATIONAL YEAR - 2017 - 2018

B.com III

Name of Teacher:- Manure. V.S.

Subject:- Advanced Accountancy P 1

Paper No:\_\_\_\_\_

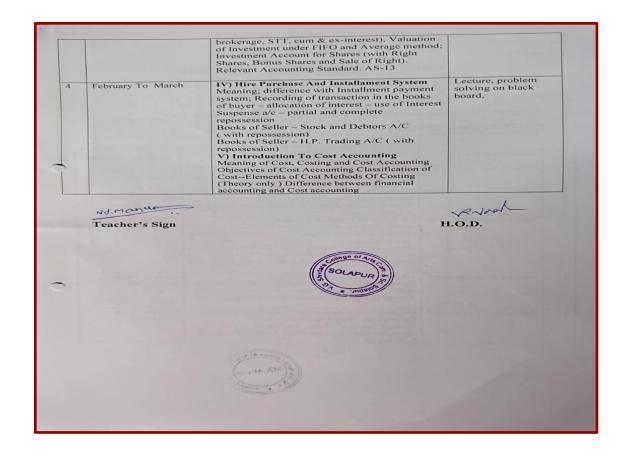
#### FIRST TERM - SEMESTER - V

Sr. No.	Month	Name of Topic	Teaching Methods
1	June to July	I) Accounting And Statutory Requirements Of Banking Companies  General information relating to bank accounts Important Accounting provisions of Banking Regulation Act 1949 legal requirements affecting final accounts — Concept of Non-Performing Assets (NPA) — Preparation of Profit and Loss Accounts and Asset classification - Balance sheet According to The Third	Lecture, problem solving on black board,
2		schedule of section 29 of the Banking Regulation Act, 1949	
2	July To August	II) Holding Companies  Meaning of Holding Company - under Companies Act 1956.  Advantages of Holding Companies Disadvantages of Holding Companies  Subsidiary Company- Steps - Pre-acquisition and Post acquisition Profits - Minority Interest - Cost of Capital or Capital Reserve - Unrealized Profit - Mutual Indebtedness- Presentation of accounts by Holding Companies AS 21 - Consolidation of Financial statement, Consolidation of Balance Sheet (to be prepared in Vertical Format only)	Lecture, problem solving on black board,
3	August To September	III)Insurance Claim for  Loss of stock: Physical & ownership concept; concept of under-insurance and average clause; computation of claim – with price change;	Lecture, problem solving on black board,

		consideration of unusual selling line; price reduction etc Loss of profit: Concept – insured & uninsured standing charges, GP rate, short sales and increased cost of working, average clause and computation of claim (simple type)	Lecture, problem
4	September To October	IV) Valuation Of Goodwill  □ Introduction ,Need for valuation of Goodwill, Factors affecting Goodwill, Characteristics of Goodwill, Need for valuation of Goodwill, Valuation of Assets, Future maintainable profit, Normal Rate of return, Capital Employed Methods of valuation of Goodwill □ Average Profit Method □ super profit □ Capitalisation method V) Introduction To Management Introduction to Management Accounting — Meaning- Nature- Scope and Objectives of Management Accounting. Difference between financial accounting and Management accounting	solving on black board,

## SECOND TERM - SEMESTER - VI

Sr. No.	Month	Name of Topic	Teaching Methods
1	November To December	I) Company Merger And Reconstruction (External) Amalgamation, (AS-14) Absorption and Reconstruction— Meaning; relevant standard and meaning of different terms, Accounting in the books of Transferor Company. Accounting in the books of Transferee (both for amalgamation in the nature of Merger and of Purchase); inter-company transactions (including inter-company share holding)	Lecture, problem solving on black board,
2	December To January	II)Accounting Ratios for FSA Meaning, objective, Classification of Accounting Ratios, Advantages & Limitations Preparation of Financial Statement and Statement of Proprietor's Fund from the given Ratios. Computation, Analysis and Interpretation of important ratios for measuring Liquidity, Solvency, Capital Structure, Profitability and Managerial Effectiveness.	Lecture, problem solving on black board,
3	January To February	III) Investment Accounts  Maintenance of Investment Ledger; Preparation of Investment Account (transaction with	Lecture, problem solving on black board,

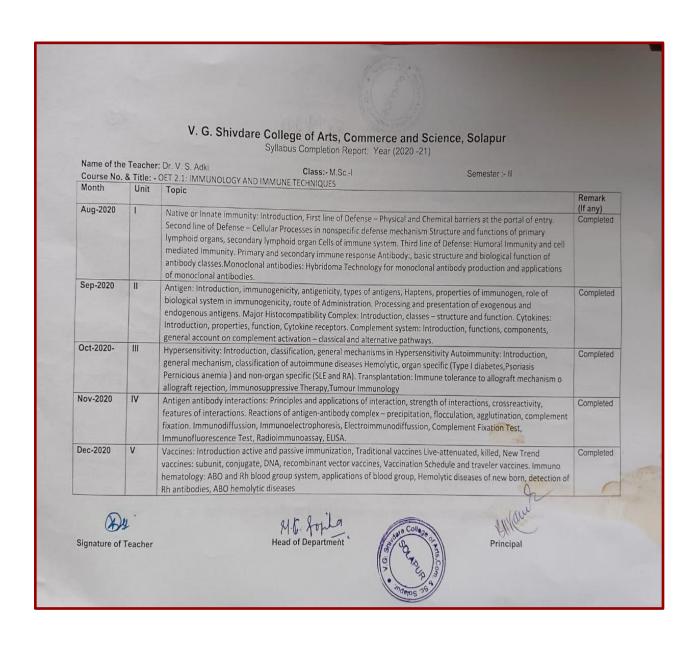


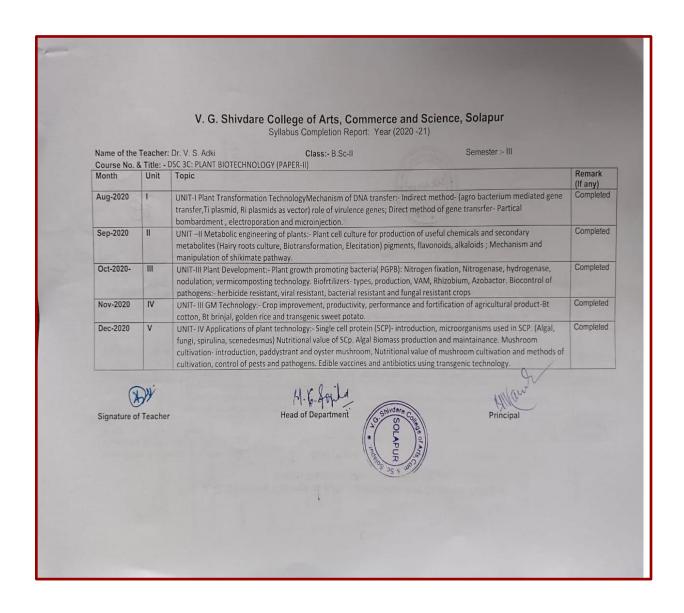
# **Annual Teaching Plan 2017-18 Commerce faculty**

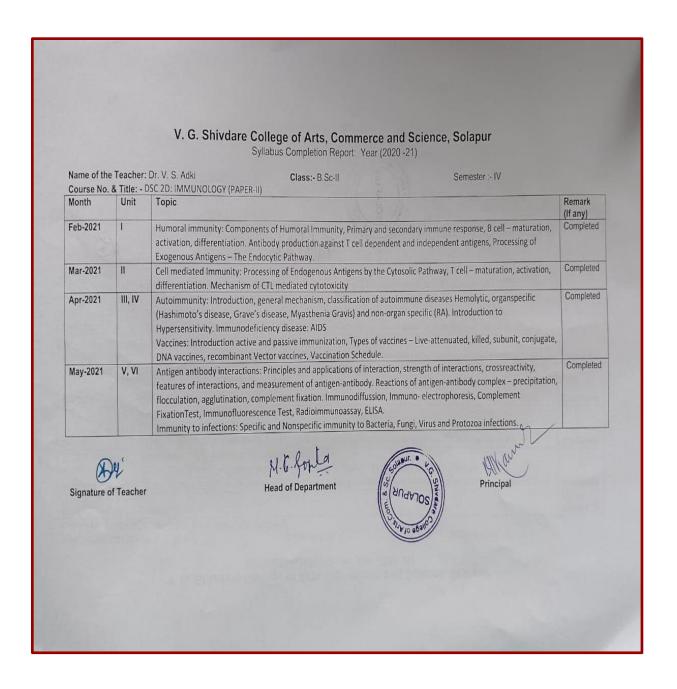
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		B.com III	EDUCATIONAL YEAR - 2017 - 2018					
	Jame of Teacher:- Ma							
S	Subject:- Advanced A	Accountancy P 2 Paper N	lo :					
Sr. No.	Month	Name of Topic	Teaching Methods					
	June to July	I) INTRODUCTION TO AUDITING Auditing: Introduction, Meaning, Objects, Basic Principles and Techniques; Classification of Audit, Audit Planning, Internal Control – Internal Check and Internal Audit; Audit Procedure – Vouching and verification of Assets & Liabilities.	Lecture, black board, PPT					
2	July To August	II) Audit of Limited Companies Audit of Limited Companies: Company Auditor-Qualifications and disqualifications, Appointment, Rotation, Removal, Remuneration, Rights and Duties Auditor's Report- Contents and Types. Liabilities of Statutory Auditors under the Companies Act 2013	Lecture, black board, PPT					
3	August To September	III) Recent Trends in Auditing Special Areas of Audit: Special features of Cost audit, Tax audit, and Management audit; Recent Trends in Auditing: Standard on Auditing (SA).	Lecture, black board, PPT					
4	September To October	IV) Audit of Co-operative societies, Bank & Charitable Trusts & Institutions Special features in respect of Audit of Co-operative societies, Bank & Charitable Trusts & Institutions	Lecture, black board, PPT					

		brokerage, STT, cum & ex-interest), Valuation of Investment under FIFO and Average method; Investment Account for Shares (with Right Shares, Bonus Shares and Sale of Right). Relevant Accounting Standard. AS-13	
4	February To March	IV) Hire Purchase And Installament System Meaning; difference with Installment payment system; Recording of transaction in the books of buyer – allocation of interest – use of Interest Suspense a/c – partial and complete repossession Books of Seller – Stock and Debtors A/C (with repossession)	Lecture, problem solving on black board,
		Books of Seller – H.P. Trading A/C ( with repossession)  V) Introduction To Cost Accounting Meaning of Cost, Costing and Cost Accounting Objectives of Cost Accounting Classification of CostElements of Cost Methods Of Costing (Theory only ) Difference between financial accounting and Cost accounting	
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Course No.	& Title: -	r: Dr. V. S. Adki Class:- M.ScII Semester :- III	
	Unit	Topic	Remark (If any)
Aug-2020		UNIT-I: Plant physiology and basic techniques in plant tissue culture Plant Nutrition: Microelements and micronutrients in plant metabolism, Functions & Deficiency diseases. Plant Hormones: Types & Mechanism of Action. Role of Hormones in growth of Plants. Lab setup of Plant Tissue Culture laboratory, Tissue culture Media, Initiation and Maintenance of callus & Suspension culture, single cell clones.	Complete
Sep-2020	11	Organogenesis, Somatic Embryogenesis, Synthetic seeds. Shoot tip culture/Auxiliary bud culture, Rapid clonal propagation. Embryo Culture & Embryo Rescue. Acclimatization of Plants. Somaclonal Variations (In vitro multarenesis	Completed
Oct-2020-	III	Selected successful examples of Plants of Diverse Origin using Tissue Culture technology, Rescue of endangered Plants.  UNIT-III: Protoplast culture, anther culture and cryopreservation  Protoplast Isolation, Culture, Fusion, Selection of Hybrid Cells and Regeneration of Hybrid Plants, Symmetric and Asymmetric hybrids. Anther, Pollen and Ovary culture for production of Haploid Plants and Homozygous lines.  Cryopreservation, Slow growth & DNA Banking for germ plasma Conservation.	Completed
Nov-2020	IV	UNIT-IV: Plant transformation technology Basics of Tumor formation, Hairy root, features of Ti & Ri Plasmid and their uses, Mechanism of DNA transfer role of Virulence gene, Binary vectors, Use of 35s & other promoters, genetic markers, viral vectors & their applications, Multiple gene transfers: vector less or direct DNA transfer, Use of reporter gene, Particle bombardment, electroporation, Microinjection, transformation in monocots, Transgene stability & gene silencing in Plant transformation.	Complete
Dec-2020	V	UNIT-V: Applications of plant biotechnology  Commercial micro propagation. Metabolic engineering & Industrial products, Plant secondary metabolites, Industrial enzymes, Biodegradable plastics, Therapeutic proteins: lysozomal enzymes, Antibodies and edible vaccines. Purification strategies, oleosin partitioning technology. Agriculture Diseases resistant plants, Biotic & Abiotic stress resistant plants, Enhancement of nutritional value of crop Plants & molecular farming, Applications in Biodiversity conservation.	Complete
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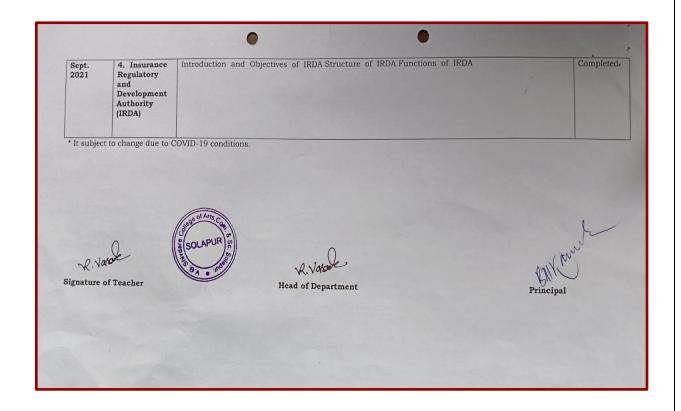
#### V. G. Shivdare College of Arts, Commerce and Science, Solapur Syllabus Completion Report: Year (2021-22) Name of the Teacher :-Mrs. Sonali V. Kale Class :- B.Sc. I Semester :- Sem. I Course No. & Title: -Developmental biology II (DSC 3A) Month Unit Remark (If any) Aug-2021 Embryonic Differentiation: Differentiation: Cell Completed commitment and determination- the epigenetic landscape: a model of determination and differentiation, control of differentiation at the level of genome, transcription and post-translation level. Sep 2021 Embryonic Induction: Concept of embryonic Completed induction: Primary, secondary & tertiary embryonic induction, Neural induction and induction of vertebrate lens. Organogenesis: Neurulation, notogenesis, development of vertebrate eye. Fate of different primary germ layers Development of behaviour: constancy & plasticity, Extra embryonic membranes, placenta in Mammals. Sep-2021 Completed Seed during early, maturation and desiccation development: Endosperm development stages, embryogenesis, cell lineage during late embryo development, storage proteins of endosperm and embryogenesis. Oct 2021 Completed embryo. Fruit growth: Dynamics of fruit growth, biochemistry Oct 2021 Completed and molecular biology of fruit maturation.

Nov 2021	VI	Hormones: Effect of different hormones on leaf, root & fruit development.	
5.V	Kale	Head of Department Principal	
Signature	of Teacher	Head of Debarrances	
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		Syllabus Completion Report: Year (2020 -21)  Varade Vaishali Keshav Class:-B.com I Semester:-I	& II
Month	Unit	Topic	Remark (If any)
Nov-2020	1. Introduction to Business Management	a) Meaning and definition of business management. b) Features of business management c) Nature of business management i) Management as an Art ii) Management as a Science iii) Management as a Profession d) Luther Gulicks POSDCORB Concept e) Significance of Management f) Process of Management g) Levels of Management h) Functional areas of management i) Social Responsibility of Business j) Management and Administration k) 14 Principles of Management by Henry Feyol	Complete
Dec-2020	2. Planning	a) Meaning and definition of planning b) Features and Importance of planning c) Types and Process of planning d) Elements of planning-Mission, Objectives, Strategies, Policies, Procedures, Rules, Programmes, Budget (In brief). e) Planning at different levels- Corporate Plan, Business unit Plan, Departmental Plans	Complete
Jan-2021	3. Decision Making	a) Meaning and Definition of Decision Making b) Importance and Types of Decision Making c) Decision Making Process d) Effective Decision Making e) Techniques of Decision Making	Complete
Feb-2021	4. Organizing	a) Meaning and Definition of organizing     b) Significance of organizing c) Steps in the process of organizing     d) Authority and Responsibility relationship     e) Centralization and Decentralization- Merits and Demerits	Complet
Mar-2021		Unit test, revision & Internal assessment	Comple
Jun.2021	1. Motivation	a) Meaning and Definition of Motivation b) Need of Motivation c) Types of Motivation-Positive Motivation and Negative Motivation d) Financial and Non-financial Incentives e) Need Hierarchy Theory of Motivation f) Theory 'X' and Theory 'Y' of Motivation	Comple

Controlling a b b c c c d d d e c c c d d d b b b b b b b c c c d d d d	Leadership styles  Meaning and Definition of Controlling Features and Importance of Controlling Process of Controlling Effective Control System Techniques of Controlling- Traditional and Modern  Meaning and Definition of Management of Change Need for change Types of Change	Complete
f Change b) c) d)	Types of Change	Complete
	Process of planned change Resistance to change D-19 conditions.	
cher	Head of Department	Principal
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Name of th	e Teacher: Miss.	S. Shivdare College of Arts, Commerce and Science, Solapur Syllabus Completion Report: Year (2020 -21)  Varade Vaishali Keshav Class:-B.com I Semester:-1 & II	
Course No.	&Title: Insurance	Topic	Remark (If any)
Nov 2020	1.Introduction to Insurance	Meaning, Definition and Concept of Insurance Need and Importance of Insurance	Completed
Dec. 2020	2.Introduction to Insurance	Principles of Insurance - Primary and Secondary Types of Insurance	Complete
Jan. 2021	3. Life Insurance	Meaning and Definition Life Insurance Need and Importance of Life Insurance Procedure of taking Life Insurance Policy Conditions of Life Insurance Policy Types of Life Insurance Policies  -Whole Life Policy, Endowment Policy, Group Policy Factors determining Insurance Premium,  Mortality, Surrender Value Settlement of Life Insurance Claim	Complete
Feb. 2021	4.Life Insurance Agent Life Insurance Sector in India	Meaning of Insurance Agent Procedure of Appointment of an Insurance Agent Code of Conduct for Insurance Agent Functions of Insurance Agent Commission of Insurance Agent Life Insurance Corporation of India -Introduction, Organizational Structure and Features of LIC of India Role and Performance of LIC of India Private Life Insurance Sector - Need of Privatization of Insurance Business in India Role and Performance of Private Life Insurance Sector in India	Complete
March 2021		Unit test, revision & internal Assessment	
Jun. 2021	1.Fire Insurance	Meaning, Definition, Features and Significance of Fire Insurance Procedure of taking Fire Insurance Types of Fire Insurance Policies Conditions of Fire Insurance Policy Procedure of Settlement of Claims	Complet
July. 2021	2.Marine Insurance	Meaning, Definition, Features and Significance of Marine Insurance Marine Perils Procedure of taking Marine Insurance Types of Marine Insurance Policies Clauses of Marine Insurance Policy	Comple
Aug. 2021	3.Miscellaneo us Insurance	Personal Accidental Insurance Motor Insurance Crop Insurance Cattle Insurance Heath Insurance Mobile Insurance	Comple



Name of the	ne Teacher: Miss. . & Title: BUSINES	Varade Vaishali Keshav Class;- B.com II Semester :- III - SS STATISTICS	% IV Remark
Month	Unit	Topic	(If any)
Aug-2020	1.Introduction to Statistics	Introduction: Meaning of Statistics. Applications of Statistics in various fields of business. Definition of data. Types of data-Primary and Secondary data, Qualitative and Quantitative data. Definition of Population and Sample. Methods of data collection-Census method and Sampling Method. Advantages of Sampling Method over Census Method. Concepts of Simple Random Sampling (Without replacement and With Replacement) and Stratified Random Sampling. Presentation of data in frequency distribution form- Discrete and Continuous frequency distributions. Relative and Cumulative frequency distributions. Graphical and Diagrammatic Representation: Construction of Histogram, Ogive Curves, Pie Chart, Bar diagram.	Completed
Sep-2020	2. Measures of Central Tendency	Meaning of Central Tendency and measure of central tendency. Various measures of central tendency- Arithmetic mean, Geometric mean, Harmonic Mean, Median, Mode, Quartiles. Empirical relation between Mean, Median and Mode. Numerical problems based on various forms of data.	Completed
Oct-2020-	3. Measures of Dispersion	Meaning of dispersion(or variability) and measure of dispersion. Types- Absolute and Relative measures of dispersion. Various measures of dispersion - Range and coefficient of range, Quartile Deviation and coefficient of quartile deviation, Mean Deviation about median and coefficient of mean deviation about median, Standard Deviation and Coefficient of variation, variance. Numerical problems based on various forms of data.	Completed
Nov-2020	4. Correlation and Regression	Meaning of bivariate data and examples. Definition of covariance. Meaning of correlation. Types of Correlation- Positive, Negative, No correlation. Methods of studying correlation- (i) Scatter diagram method, (ii) Karl Pearson's coefficient of correlation r (for ungrouped data only). Interpretation when $r = +1$ , $r = -1$ and $r = 0$ , (iii) Spearman's Rank correlation coefficients. Numerical problems on computations of r and R. Meaning of Regression. Lines of regression of Y on X and of X on Y. Equations due to Least Squares method for finding lines of regression of Y on X and of X on Y. Regression coefficients and their relations with Karl Pearson's coefficient of correlation r. Numerical problems on regression coefficients and fitting of lines of regression.	Completed
Dec-2020		Unit test, revision	
Jan-2021		Internal assessment	
Feb-2021	1. Probability and Probability Distributions	Probability: Definitions and examples -Experiment, Sample space, Event, Mutually exclusive events, Equally likely events, Exhaustive events, Sure event, Null event, Complementary event and independent events. Mathematical definition of probability, Definition of Conditional Probability. Statements of Addition and Multiplication laws of probability. Problems on Probabilities, Conditional probabilities, Probabilities using Addition and Multiplication laws of probabilities (without use of permutations and combinations). Probability Distributions: Definitions- Random Variable, Discrete and Continuous random variables, Probability mass function(p.m.f.), Probability density function (p.d.f.). Binomial Distribution:- Probability mass function (p.m.f.) of binomial distribution with	110

		parameters n and p. Mean, Variance and S.D. of binomial distribution (without proof). Examples of real life situations where binomial distribution is applicable. Numerical problems on binomial distribution. Poisson Distribution:- Probability mass function (p.m.f.) of Poisson distribution with parameter $\square$ . Mean, Variance and S.D. of Poisson distribution (without proof). Examples of real life situations where Poisson distribution is applicable. Numerical problems on Poisson distribution. Normal Distribution:- Probability density function (p.d.f.) of Normal 20 5 distribution with parameters $\square$ and $2\square$ . Notation: ),( $-2\square\square NX$ . Properties of Normal distribution. Numerical problems on Normal	,
Mar-2021	2. Index Numbers	Definition of Index numbers. Uses (Utilities) of Index numbers. Types of Index numbers- Price, Quantity and Value index numbers. Meaning of current time and base time. Methods of construction of index numbers for price, quantity and value - Simple aggregate method, Average of price or quantity relatives methods using arithmetic mean and geometric mean. Weighted aggregate method, Weighted average of price or quantity relatives methods. Laspeyer's, Paasche's and Fisher's price and quantity index numbers. Numerical problems based on the above methods.	Completed
Apr-2021	3. Time Series	Definition of Time Series. Components of Time Series. Methods for measuring secular trends: i) Methods of Moving Averages ii) Method of Least Squares (only for straight line). iii) Method of Progressive Averages. Determination of Seasonal Variation by Simple Average Method. Numerical problems.	Completed
May-2021	4. Statistical Process Control (SPC)	Meaning of quality. Meaning of SPC. Chance and Assignable causes of variations. Meaning of Process control and Product control. Procedure of construction of Shewhart's control chart. Types of Shewhart's control charts—i) Control charts for Mean and Range. ii) Control chart for number of defectives (d-chart or np-chart) for a fixed sample size. iii) Control chart for number of defects per unit (e-chart). Numerical problems on the construction of the above charts.	Completed
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27 2808 SUNGAR PRAKASH ASHOK 28 2809 DHOBALE LAXMI SHASHIKANT 29 2810 GAIKWAD SMITA SUBHASH 29 2810 GAIKWAD SMITA SUBHASH 29 2810 GAIKWAD SMITA SUBHASH 20 2812 KAIAGAT ADITITION ADAM				DOPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
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29 2810 GAIKWAD SMITA SUBHASH  O 29 2810 GAIKWAD SMITA SUBHASH  O 29 2810 GAIKWAD SMITA SUBHASH				6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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	1			
TLC- Total lecture conducted; TLA- Total lecture attended; TPA- Total Percent Attendang	TLC=	Total le	cture conducted; TLA= Total lecture attended; TPA	A= Total Percent Attendants V.G.
	6	m	_	O SE
Signature of Teacher 14 - জীলা 15 - বাজৰ নীকাল	Sign	nature	of Teacher 14 - 8/1	Signature of Head of Departme 1
15 - सक्व केंग्रान कि प्राप्त कि	3-6-		15- 46	क्व क्वां है।
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		V. G. Shivdare Colleg	lass:	Att	en	dar	ıce	She	eet							les of Ma			
		her: Mr. Manure.V.S. Year: 20				Mon	th:	NOV	2020			Tota	l Lec	ture	Conduc	ted = 13			
No.	Roll No.	Name of Student	4	5	6	7	11	18	19	20	21	25	26	27	28 P			TLP	TPA
1	2402	MAHADKAR ANJALI DIGAMBAR	P	P	P	P	P	P	P			-	P	P	P			11	
2	2404	WAGHMODE KOMAL MUKUND	P	P	P	P	P	P		P	P	P	P	D	P			13	
3	2405	AMBALGI NIKITA VASANT	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
4	2406	WAGHMODE PRATIKSHA KALLAPPA	P	P	P	P	P	P	P	P	P	P	P	Р	r			9	
5	2407	KALAGATE POOJA DATTATRAY	P	P	P	P	P	P	P	P	P		-	D	P			13	
5	2408	KODATE KAVERI AMBADAS	P	P	P	P	P	P	P	P	P	P	P	P	P			10	
7	2409	PATHAN ALFIYA JAWED	P	P	P	P		P	P	P		P	P	P	n			11	
8	2410	MADHEKAR MANASI BALBHIM	P	P	P	P	P		P	P	P		P	P	P			13	
9	2411	GHADGE RITESH BALU	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
10	2412	DOKE RUSHIKESH RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
11	2413	PHATATE RAHUL RAJSHEKHAR	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
12	2414	JAVALGE MINAKSHI BASAVRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
13	2415	KALAKE POOJA ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P			10	
14	2416	MHETRE NITIN SHIVANAND	P		P	P	P	P	P	P	P		P		P			9	
15	2417	SONAWANE MONIKA SHIVLING	P			-		P	P	P	P	P		P				13	
16	2418	PATHAN MOHAMAD SUBHAN ZAMEER	P	P	P	P	P	P	P	P	P	P	P	P	P			9	
17	2419	ATTAR KAIF HAMEED	P	P	P	P		P		P	P	P		P					
18	2420	SHAIKH MUSEB SIRAJ	P	P	P		P		P	P		P			P			8	
19	2421	RAJBHAR SHRAVAN RAVINDRA	P		P	P	P	P	P	P	P			P	P			10	
20	2422	SHINGADGAON ADITYA LIMBANNA	P	P	P	P	P			P	P	P	P					1	
21	2423	PAWAR SANJANA DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
22	2424	KUMBHAR LAXMI AVINASH	P	P	P	P	P	P	P		P			P				9	
23	2425	PATEL SHARMILI NIRMAL	P		P		P		P	P	P	P	P		P			-	1
24	2426	BIRADAR SOUNDARYA BASAVARAJ	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
25	2427	WAGDARI SUDIP KAMGONDA			P	P	P			P		P	P	P	P			8	
	^	ecture Present; TPA = Total Percent Attendan  Tthe Teacher	Signa	tur				ode I of I		tme	nt	(S)	300	APUR	37.8		PRIN SHIVDARE	EIPAL	

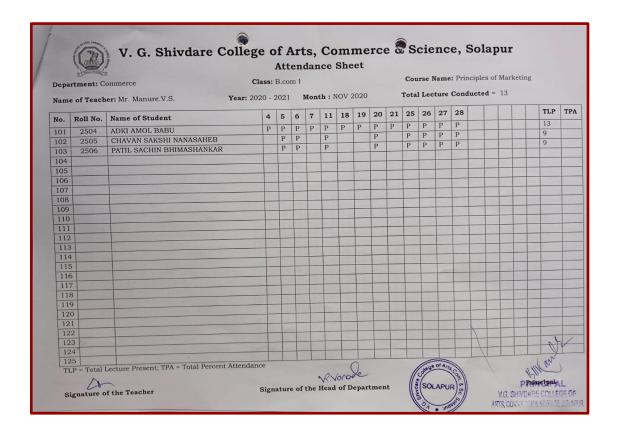
Depar			Class:	D a	I				eet			Cor	100	Name	· Princ	inles o	f Marketi	ng	
Mama		Commerce her: Mr. Manure.V.S.  Year:	2020 -			Mon	th:	NOV	2020						Condu			6	
	Roll No.	Name of Student	4	5	6	7	11	18	19	20	21	25	26	27	28			TLP	TP
26	2428	RAUT ANIL AMBADAS	P	P	P				P	P	P	P			P			8	
27	2429	PAWAR OMKAR SOMNATH	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
28	2430	PAWAR SAGAR RAJUDAS	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
29	2431	MOKASHI VAIBHAV VIJAYKUMAR	P	P	P	P			P		P			P	P			9	
30	2432	NIPUNAGE PRANAV VAIBHAV	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
31	2433	RAHEDI HITESH NANAKRAM		P	P		P	P		P	P	P	P	P				9	
32	2434	RATHOD POOJA KASHINATH	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
33	2435	PAWAR HIRALAL NANU	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
34	2436	HARAKE BHAGYASHRI BASAVRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
35	2437	KHAJURKAR GAURI REVANSIDDH	P	P	P	P	P	P				P		P	P			9	
36	2438	BIRAJDAR AISHWARYA ANIL	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
37	2439	PORE LAXMI SANJAY	P	P	P	P			P	P	P			P	P			9	
38	2440	PATIL SIDDHARAM BABURAO	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
39	2441	BINGI LOKESH PRABHAKAR	P		P		P	-		P		P		P		-		8	
40	2443	KAMBLE AJAY BHALCHANDRA	P	P	P	P	P				P	P	P	P				9	
11 141	2444	GAIKWAD ABHIJEET VISHWANATH	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
42	2445	ITANE RAKSHA RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
43	2446	GAIKWAD ADITYA MAHADEV	P		P			P		P			P	P	P			8	
	2447	MANE VAISHNAVI SUDHIR	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
	2448	TAMBOLI SOHEL HASAN			P		P	P		P	P	P		P	P			8	
	2449	PHATE SHUBHAM DATTATREY	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
	2450	MUJAWAR AMEEN AEJAJHUSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P			1000	
17	Sept March Co.		P	P	P	P	P	P	P			P	P	P	P			13	
17 18	2451	MANGALWEDE ARTI SIDDHARAM	P				THE REAL PROPERTY.	1000	200			150	1000	100	P			111	
17 18 19	Sept March Co.	MANGALWEDE ARTI SIDDHARAM BANSODE SWAPNIL RAJU PANCHAL MONIKA LAXMAN	P	P	P	P	P	P	P	P	P	P	P	P	P			13	

-		v. G. Shivdare Codeg	-	1116	2110	lan	ce s	She	et			Cou	rse I	Vame	: Prir	ciples	of Mar	rketing		
art	ment: C	ommerce	ass: I						2020							ucted				
		er: Mr. Manure.V.S. Year: 20	20 - 2	021	N	Iont	h : N	OV 2				25	26	27	28				TLP	TPA
		Name of Student	4	5	6	7	11	18	19	20	21		P	P	P				13	
1	Roll No.	SUTAR VAISHNAVI PURUSHOTTAM	P	P	P	P	P	P	P	P	P	P	P	P	•				11	
	2454	SUTAR VAISHNAVI PURUSHOT TAM	P	P	P	P	P	P	P	P		_	100	P	P				13	
	2455	JADHAV OM UMESH	P	P	P	P	P	P	P	P	P	P	P	P	P				13	
	2456	DHULRAO AARTI KRUSHNAKANT	P	P	P	P	P	P	P	P	P	P	P	P	P				8	
	2457	SWAMI SANJANA SOMNATH BHARMA SIDDESHWAR SHIVANAND		P		P	P	P		P		P	P	P	P				13	
	2458	BHARMA SIDDESHWAR SHIVARAND	P	P	P	P	P	P	P	P	P	P	P	-	1000				7	
	2459	BANSODE MEGHARAJ BABASAHEB	P		P			P			P		P	P	P				7	
	2460	AMBEWALE VINAYAK ANAND	P	P	P		P		P			P	P		_		-		9	
	2461	ANKUSH TUSHAR BABAN	P	P	P		P	P		P		P		P	P				13	
	2462	KALEKAR BHIMRAO NARSING	P	P	P	P	P	P	P	P	P	P	P	P	P				11	
	2463	JAVALKOTI SWATI RAVINDRA	P	P	P	P	P	P	P		P	P	P	P	P				10	
	2464	LAMBTURE RUTUJA NANDKUMAR	P	P	P	P	P	P	P		P	P	P						11	
2	2465	BIRAJDAR INNUS IMAMSAB	P	P	P	P	P	P	P	P	P	P	P							
3	2466	GAIKWAD VISHVAJEET RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	P				13	
7	2467	DAWARE RAKESH ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P				13	
5	2468	RATHOD KOMAL BHIMU	P	P	P	P	P	P	P	P	P	P	P	P	P				13	
6	2469	VAKASE PRACHI BHIMRAO	1	P	P	100	P			P		P	P	P	P				8	
7	2470	HALLE NIKITA SANJAY		P	100		P			P		P	P	P	P				8	
8	2471	HASAPURE SHIVRAJ SURESH		P	1 20		P			P		P	P	P	P				8	
9	2472	TURBE ROHIT REVANSIDDHA	P	100				P	P	P	P	P	P	P	P				13	
0	2473	PATHAK ATHARVA DATTATRAYA	P		-	112	-	P		-	P	P	P	P	P				13	
1	2474	BIRAJDAR SHARNU RAJESH	1100	100				P	200	100			P	P	P				11	
72	2475		P	1,000			100		-				P	P	P	1			11	
73	2476		P	100	100	100	100	1000	1	1	P	P		-	P				10	/
74	2477		F				1000		-		P	1.5	-	-	P	1			10	
75			F	P	F	P	P				1	-		_	1.				7	
TLI	P = Total	Lecture Present; TPA = Total Percent Attendar		atur			Head		Depa	rtme	nt	13	SOLA	Los	8 50 8			PR SHIVDAI	INCOPIA RECOLLE	OE 0.

## Student's attendance commerce department

epar	Elements C.							She											
	ment: Co	ommerce Class	ss: E	3.cor											: Princip		larketing		
ame		er: Mr. Manure.V.S. Year: 2020	) - 2	021	I	Mont	h : N	IOV 2					26	27	28			TLP	ТР
lo.	Roll No.	Name of Student	4	5	6	7	11	18	19	20	21	25						13	
76	2479	RONE SWARAJ SOMANATH	P	P	P	P	P	P	P	P	P	P	P	P	P			13	
77	2480	PAWAR ABHAY ADINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	-		8	
78	2481	KORE KASHIBAI PRAKASH		P	P		P			P		P	P	P	P			8	
79	2482	SHIRALKAR PRANITA AUDUMBAR		P	P		P			P		P	P	P	P			13	
80	2483	VADE BHARATI VIJAY	P	P	P	P	P	P	P	P.	P	P	P	P	P			13	-
81	2484	CHAVAN ROHIT SHASHIKANT	P	P	P	P	P	P	P	P	P	P	P		P			8	
82	2485	BHOPALE ABHISHEK ASHOK		P	P		P			P		P	P	P	P			8	$\vdash$
83	2486	AWATADE PAYAL BHARAT		P	P		P			P		P	P	P	P	-		10	
84	2487	SHEGAON NAGESH SIDRAM		P	P		P	P	P	P	_	P	P	P	P			13	-
85	2488	SAYYED ALMAS SADIL	P	P	P	P	P	P	P	P	P	P	P	P	P			11	
86	2489	KAMBLE SANGITA RAJENDRA		P	P		P			P	-	P	P	P	P	-		13	+
87	2490	UDANSHIVE AARTI MAHADEV	P	P	P	P	P	P	P	P	P	P	P	P	P			13	-
88	2491	SHIRDONKAR TRUPTI RAMESH	P	P	P	P	P	P	P	P	P	P	P	P	P			8	
89	2492	PATIL SANKET SHANKAR		P	P		P	- n	- n	P		P	P	P	P			10	-
90	2493	KOLI ASHWINI CHANDRAKANT		P	P	P	P	P	P	P		P	P	P	P			9	
91	2494	AKHADE ADITYA ANIL		P	P	-	P			P	-	P	P	P	P			9	
92	2495	SAVALE MUSKAN PHAKRODDIN		P	P	-	P	-	- P	-	P	P	P	P	P			8	
93	2496	VIRPAKSHI PRATHAMESH SHIVANAND				P	P	P	P	P	P	- n	D		P			13	1
94	2497	SURGIHALLI SAGAR CHANDRASHEKHAR	P	P	P	P	P	P	P	P	P	P	P	P	P			8	
95	2498			P	P		P	-	-	P	-	P	P	P	P			13	
96	2499		P	P	P	150	P	P	P	P	P	P	P		P			8	
91	2500			P	P		P	-	-	P	-	P	P	P	P			13	
98	3 2501		P	P	P		P	P	P	P	P	P	P	P	P			13	-
9	2502	BIRAJDAR SAKSHI SHIVANAND	P	P	100	1000	P	P	P	P	P	P	P	100	P			13 (	W
10	0 2503	MANE AKSHAY KUBER	P	P	P	P	P	P	P	P	P	P		Of Ar	1			100	<del>}</del> !

## **Student's attendance 2020-21commerce department**



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Nam	e of the Te	eacher Asst prof. M. B. Kamble.		_		_		_	-	_	_	_			$\neg$	$\neg$	$\overline{}$						т		т		-	$\neg \vdash$						
Sr.	Roll No.	Name of Student	- (	2	e .	4 10	9	7	œ (	60	9 =====================================	12	13	14	\$	9	107	9 6	20	21	22	3	26	26	27	28	29	8	-S	ent	Abs -ent	Perce -ntag	e	Student Sign.
1	1001			#	1			1		1						#				-	-	1	P					+						(Rul)
2	1002	Pithalkar siddaram pithalkar		11	П		P	_	9	11	9	-	Ш	9			P	+	-	PI	0		P	+	-			+				-		4
3	1003	Chhatre Vaishnavi Nagnath	11	11	11			P		Н	r	-	1	P	P	#	P	+	+	P			P	+	+		=	+					-	UN.Chhat
4	1004		P	11	11			9	P	#	-	-	#			#		+	-				P	+	+			+						A 10
5	1005	Bansode Rutuja Sureh	P	1	11		10	P	P	11		-		P	P	11		-	-	P.	P	1		+	-	-		+	-	-3				Bansode P.S. Icella
6	1006	Brashant, S. feelhav	P	11	11	-	P	P		41	1	-			-	11	-	+	-	-	P	Н	. +	+	+	-		$\mathbb{H}$	4				1	-S.Jcelvo
7	1007	A STATE OF THE PARTY AND ADDRESS OF THE PARTY		4	11	+			0	#	,	+	Ш			H		+	+	P		H	P	+	+	+		Н					-	5.5. Virsure
8	1008	virsure sanika shakhikant	P	11	11			P	"	H	7	-		P	P			+		P		+		+	+	+	-	Н	-					Had Pad
9	1009	Shantappa Narasappa Hadpad	P	41	11	-	P	P			P	+	#	P	P		P	+			-	H		+	+	H		Н				-	-	Vaighna
10	1000	Vaishnavi Hemant Bhalkikar	P	Щ	1			P		11	P			P	P	11.	+	+		8	P	#	-	+	+	+	-	Н	-			-		Shulbrann
11	1011	Shubham - 5. Mane			(32	-	8	P		4	,	+	-	,	-	ìl:		-			2	#	-	+	18	Eram	3	Н	-			-		samanth
12	1012	samarth . H. Sapakale		210	T.	1	P	P		प्रिवार.	•	-	#	,	•	+		+		•	p	+		+	2	100	100	Ш	-			-		Threedha!
13	1013	Shridhar B. Gaikwad			2	-	P	P		15			-			4	-	-			r	#		+	4	1	-	H				-		Threeden
14	1014			*	स्मिक्	-	-				1	+	-	P	100	2/0	-			P		#	4	+	+	+	H	912				-		
15	1015	vaishnay t. Gapre.	P	Ш	4	-	1			1	P	+	+	P	P	a B		-		P	7		6	-	+	+	$\vdash$	10	4					vaishoo
16	1016	Dhobie Sumit Ramesh	P	Ш	anil	-	P	P	Н	-11	n	+	-		P	-6	P	-		•	P	712-	7	+	+	+	-	Y				-		- July
17	101>			Ш	汞	-	-			4		+		1	1	11				•		0	1	+	+	+	+	11						Only note
18	1018	By makesh Naganath colhale	P	Ш	1		P	P		Щ	-	+	-	P	P	-11	P			P	lie st	8	000	+	+	+	+	11			1	-		Rehssh-
19	1019	Shinde Anil Satish	P	Ш	44			P		4	r	-	-	-	8	Ш	P			•	p	1	P	-	+	+	+	11			-	-		Ag
20	1020	Grobbur yagita P.	P	Ш	11		P	P	9	1	P	-		P	1	Ш	P			P		Ш	P	1	1	+	+	11		_	-			Y. P. Gal
21	1021	, ,		Ш	Ш			-		Ц					1	Ш						1		1	1	1	1	11			-			
22	1022	Aditya Basaras kolkure			Ш		P	- 27.		Ш				*	_						p					1	1	11			-			A.B.I
23	1023	Nadaf Mahamad . H.	P	Ш	Ш		P	_						8		Ш	P			P	2		P				1							ayear
24	1024		P		1			P	P		8			18							-		•										-	
25	1025												1			13	.Q.	I AVG	1															

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#### **Internal Exam Time-Table 2018**

#### सूचना

दि. १०/०९/२०१८

व्ही. जी. शिवदारे कॉलेज ऑफ आर्टस्, कॉमर्स अँन्ड सायन्स मधील आर्टस् शाखेतील Ist ते IIIrd year मधील सर्व विद्यार्थ्यांना सूचित करण्यात येते की, सोलापूर विद्यापीठाच्या CBCS Pattern नुसार 30 गुणांच्या अंतर्गत परीक्षा (College Assessment) घेण्यात येणार आहेत. या परीक्षातील Home Assignment व Test चे वेळापत्रक पुढीलप्रमाणे आहे.

Home Assignment - 15 Marks

- १. सोमवार दिनांक १०/०९/२०१८ प्रश्नपत्रिका व उत्तरपत्रिका देणे.
- २. शुक्रवार दिनांक २१/०९/२०१८ उत्तरपत्रिका जमा करणे.

#### Test Paper (B.A.) - 15 Marks

Day / Date	Time	B.A. I	B.A. II	B.A. III
27/09/18	08:00-09:00	Eng. (Comp.)	Eng.(Comp.)	Eng. (Comp.)
Thursday	10:00-11:00	Marathi(Comp.)	HSRM (Comp.)	Mar./His.VII
28/09/18	08:00-09:00	Mar./Eng.(Opt.)	His./ Mar. III	His. /Mar. VIII
Friday	10:00-11:00	Geography	His./Mar. IV	His. /Mar. IX
29/09/18	08:00-09:00	Economics	Geo./Eco./Eng. III	His. /Mar. X
Saturday	10:00-11:00	History	Geo./Eco./Eng. IV	His. /Mar. XI

- 1. सोलापूर विद्यापीठाच्या CBCS पॅटर्ननुसार Home Assignment व Internal Test सर्व B.A. भाग 1, 2 व 3 च्या विद्यार्थ्यांसाठी अनिवार्य आहे.
- 2.30 गुणांच्या या अंतर्गत परीक्षेस गैरहजर राहिल्यास आपला विद्यापीठाचा निकाल नापास म्हणून घोषित करण्यात येईल.
- 3. Home Assignment संबधीत विषयांच्या प्राध्यापकांकडे जमा करावेत.
- 4. उपरोक्त वेळापत्रकानुसारच वेळेत विद्यार्थ्यांनी Home assignment व Test conduct करावी अन्यथा होणाऱ्या कारवाईस विद्यार्थी जबाबदार राहतील.
- 5. महाविद्यालयाच्या अंतर्गत परिक्षेत 30 पैकी किमान 12 गुण मिळवणे आवश्यक आहे.
- 6. या अंतर्गत परिक्षेत विद्यार्थी अनुत्तीर्ण झाल्यास त्यास 70 गुणांची सोलापूर विद्यापीठाची लेखी परिक्षा पुन्हा द्यावी लागेल याची सर्व विद्यार्थीनी नोंद घ्यावी.
- 7. अंतर्गत परिक्षेचा निकाल यथावकाश जाहीर करण्यात येईल.

प्राचार्य

#### सूचना

दि. ०७/०९/२०१८

व्ही. जी. शिवदारे कॉलेज ऑफ आर्टस्, कॉमर्स ॲंन्ड सायन्स मधील कॉमर्स शाखेतील  $I^{st}$ ,  $II^{nd}$  &  $III^{rd}$  year मधील सर्व विद्यार्थांना सूचित करण्यात येते की, सोलापूर विद्यापीठाच्या CGPA Pattern नुसार 30 गुणांच्या अंतर्गत परीक्षा (College Assessment) घेण्यात येणार आहेत. या परीक्षातील Home Assignment व Test चे वेळापत्रक पुढीलप्रमाणे आहे.

Home Assignment - 15 Marks

- १. सोमवार दिनांक १०/०९/२०१८ प्रश्नपत्रिका व उत्तरपत्रिका देणे.
- २. बुधवार दिनांक १९/०९/२०१८ उत्तरपत्रिका जमा करणे.

Test Paper (B.Com.) - 15 Marks

Day / Date	Time	B.Com. I	B.Com. II	B.Com. III
27/09/18	08:00-09:00	Eco.	Eco.	MMP
Thursday	10:00-11:00	Mgt.	Bus. Stat.	A/C I
28/09/18	08:00-09:00	Ins.	Bus. Ent.	A/C II
Friday	10:00-11:00	Mktg	MFS	CD
29/09/18	08:00-09:00	Eng.	Corporate	BRF
Saturday	10:00-11:00	A/C	English	Eco.

- 1. सोलापूर विद्यापीठाच्या CGPA पॅटर्ननुसार Home Assignment व Internal Test सर्व B. Com. भाग 1, 2 व 3 च्या विद्यार्थ्यांसाठी अनिवार्य आहे.
- 2.30 गुणांच्या या अंतर्गत परीक्षेस गैरहजर राहिल्यास आपला विद्यापीठाचा निकाल नापास म्हणून घोषित करण्यात येईल.
- 3. Home Assignment संबधीत विषयांच्या प्राध्यापकांकडे जमा करावेत.
- 4. उपरोक्त वेळापत्रकानुसारच वेळेत विद्यार्थ्यांनी Home assignment व Test conduct करावी अन्यथा दंडात्मक कारवाईस विद्यार्थी जबाबदार राहतील.
- 5. महाविद्यालयाच्या अंतर्गत परिक्षेत 30 पैकी किमान 12 गुण मिळवणे आवश्यक आहे.
- 6. या अंतर्गत परिक्षेत विद्यार्थी अनुत्तीर्ण झाल्यास त्यास 70 गुणांची सोलापूर विद्यापीठाची लेखी परिक्षा पुन्हा द्यावी लागेल याची सर्व विद्यार्थीनी नोंद घ्यावी.
- 7. अंतर्गत परिक्षेचा निकाल यथावकाश जाहीर करण्यात येईल.

प्राचार्य

## V.G.SHIVDARE COLLEGE OF ARTS ,COMMERCE AND SCIENCE SOLAPUR

# TIME TABLE 2018-2019 B.Sc I ( Semester I)- Biotechnology THEORY INTERNAL EXAMINATION

Date	Subject	Time
27.08.2018	English	11:00 am To 12:00 pm
28.08.2018	Ecology and Microbiology	04:00 pm To 05:00 pm
29.08.2018	Animal Science and Plant Science	04:00 pm To 05:00 pm
30.08.2018	Chemical Science and Biophysics	04:00 pm To 05:00 pm
31.08.2018	Cell Biology and Biostatistics	04:00 pm To 05:00 pm

#### B.Sc II (Semester III)- Biotechnology THEORY INTERNAL EXAMINATION

Date	Subject	Time
27.08.2018	Inheritance Biology	04:00 pm To 05:00 pm
28.08.2018	Basics of Molecular Bio.	04:00 pm To 05:00 pm
29.08.2018	Biophysical Instruments	04:00 pm To 05:00 pm
30.08.2018	Animal Tissue Culture	04:00 pm To 05:00 pm
31.08.2018	Bioenergetics and Enzymology	04:00 pm To 05:00 pm
01.09.2018	Fundamentals & Immunology	04:00 pm To 05:00 pm

## B.Sc III (Semester V)- Biotechnology THEORY INTERNAL EXAMINATION

Date	Subject	Time
27.08.2018	English	04:00 pm To 05:00 pm
28.08.2018	Plant Development	04:00 pm To 05:00 pm
29.08.2018	Fermentation Technology	04:00 pm To 05:00 pm
30.08.2018	Tools and Techniques	04:00 pm To 05:00 pm
31.08.2018	Recent Trends in Biotechnology	04:00 pm To 05:00 pm

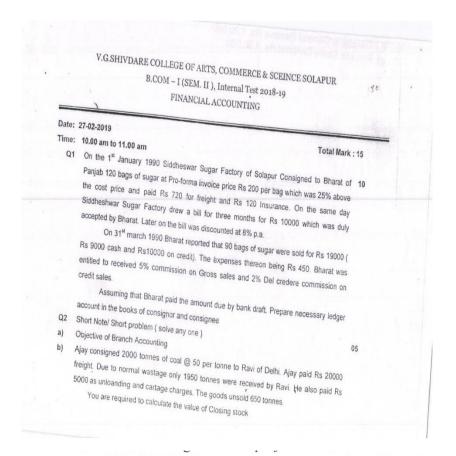
#### M.Sc I ( Semester I)- Biotechnology THEORY INTERNAL EXAMINATION

Date	Subject	Time
23.08.2018	Microbiology	11:30am To 12:30 pm
23.08.2018	Concepts & Biochemistry	02:30 pm To 03:30 pm
24.08.2018	Inheritance Biology	11:30am To 12:30 pm
24.08.2018	Biostatistics and Bioinformatics	02:30 pm To 03:30 pm

#### M.Sc II (Semester III)- Biotechnology THEORY INTERNAL EXAMINATION

Date	Subject	Time
23.08.2018	Industrial and Env. Biotech.	11:30am To 12:30 pm
23.08.2018	Genetic Engineering	02:30 pm To 03:30 pm
24.08.2018	Plant Biotechnology	11:30am To 12:30 pm

## **Question Paper For Internal Assessment**



SOLAPUR SOLAPUR

(Dr. B. N. Kamble)

PRINCEPAL

V. G SHIVDARE COLLEGE OF

RTS, COMMERCE & SCIENCE & SDEAR.

#### **Question Paper For Internal Assessment**

V.G Shivdare College of Arts, Commerce and Science Solapur.

#### B.Com I<sup>st</sup> Internal Test [CBSC Pattern]

Date: 27/02/2019 Time:08:00 to 09:00 am

Total marks:15

Q1) Answer the following questions in brief. (any 3) (15 marks)

- 1) Character sketch of the author of "Letter to a Teacher".
- 2) Being a good neighbour as a social service.
- 3) The narrator's guilt after the kill tiger.
- 4) The idea of death in the poem "When I Think of Death".
- 5) What is the theme of the poem "Indian Weavers".

**Supervision Chart For Internal Assessment** 

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**Subject-wise Allotment of Answer Sheets** 

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2)	. भराठी (com)	भा बाभदा बिवपूर्ज	It 27/9/18 Sorp
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## **Subject-wise Allotment of Answer Sheets**

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	1	2601	KALE SARIKA SANJAY	Submit	ted Pr	esentee	Assign. Marks	Marks	Take
	2	2602	DESHPANDE VAIBHAV SHRIKANT	Kales		elell	13	12	25
	3	2604	BAGALE SNEHA SHANKAR	Vaib	hav V	albha		12	25
	4	2606	SHIVSHARAN PRASHANT BHIMASHANKA	Bagale	81 B	gales	12	10	22
	. 5	2607	DALAVI BHAGYASHRI ANAND	1 Ino		Short	12	7	19
	6	2610	PATIL KOMAL GOPINATH	0.A. Du	y. &	tel	13	11	24
	7	2611	KAMBLE DISHA ASHOK	(Res		Ras	.)2	11	23
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	9		KAMBLE ARATI ARJUN	V	7.	slubs	12	10	22
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	15	The second second	ATHOD SANJIVANI DHARAMRAJ	(Um 20.	Port	511	12	8	20
	16		HAT BHAGYASHRI ARVIND	Rethod	DHI	al	13	13	26
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23	26		SE MAYURI SHASHIKANT	(4) -	Rus	-			26
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		38	2651	MHETRE MAYUR SIDDHARAM	1 2 291
		39	2652	MHETRE MAHESH BHIMASHA	matter 2 material 12 29 a
		40	2653	GHODAKE AJIT SHIVAJI	Charles Land
		41	2656	CHABUKSWAR SAGAR RAJKUMAR	10 23 8
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		43	2658	GODAGE PRATHAMESH PARMESHWAR	61 12 11 231
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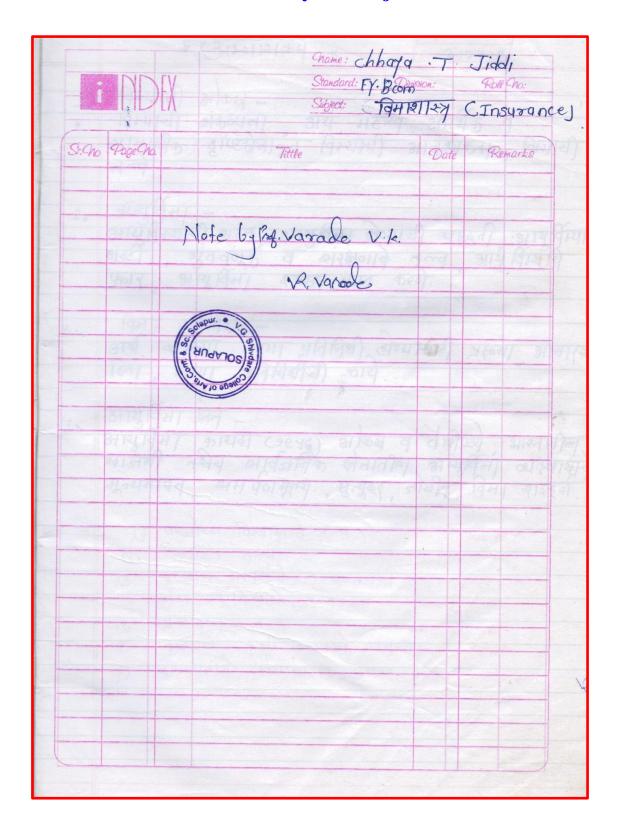
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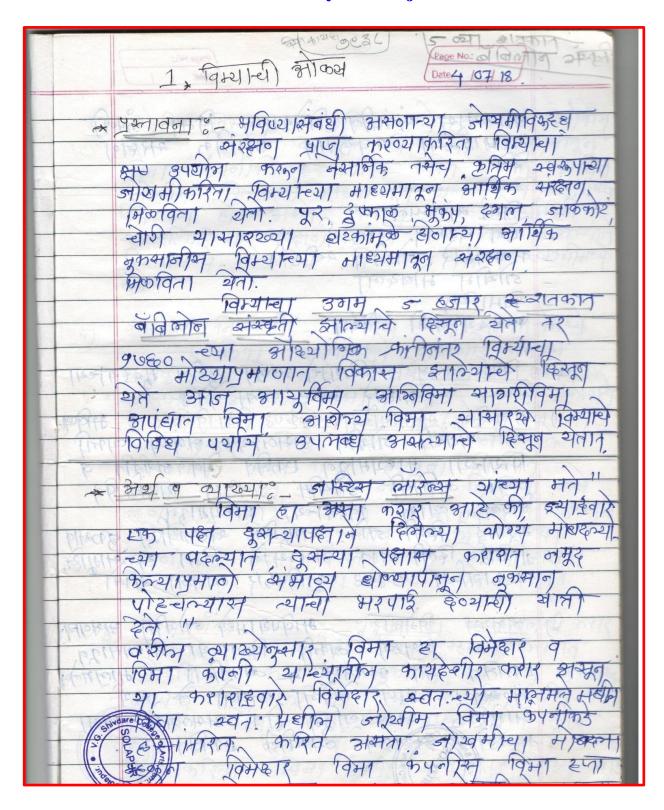
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	26	2026	KHADAKE NIKHIL SANJAY	22	23	21	23	18	24
	27	2027	RATHOD DIVYA RAVINDRA	30	22	24	22	17	23
	28	2029	AURASANG ASHWINI IRANNA	27	14	VŦ	14	17	17
	29	2030	HATTURE AKSHAY VIVEKANAND	13	Ab	00	Ab	Ab.	Ab
	30	2031	CHAVAN SUDHIR VITTHAL	19	13	17	21	16	12
	31	2032	SONKATALE RUPALI BHIMASHANKAR	Ab	Ab	Ab	Ab	AB	Ab
	32	2033	BIRAJDAR ROHINI APPASHA	26	25	90	24	17	27
	33	2034	KUMBHAR MAHESH RAJENDRA	Ab	Ab	A3	Ab	AB	Ab
	34	2035	TAK VISHAL GHANSHYAM	12	14	13	12	15	12
	35	2036	JAVALKOTE AISHWARYA NAGANATH	Ab	Ab	Alb.	Ab	A6	Ab
	36	2037	BUKKA SOMNATH SHIVANAND	16	22	19	17	17	20
	37	2038	BAYAS ARCHANA PRUTHVIRAJ	26	26	21	24	19	23
	38	2039	TAVADU IRESHKUMAR NAGESH	25	26	21	25	19	24
	. 39	2040	KOLI ROHIT BALABHIM .	22	21	20	16	16	23
	40	2041	PATIL PRADNYA SUBHASH	23	25	22	21	18	24
	41	2042	SHAIKH RIJWANA KASIM	25	27	26	27	22	30
	42	2043	DOKE ULHAS SHRIRAM	15	22	20	23	18	23
	43	2044	PYATI AKSHATA SAIBANNA	30	21	18	21	21	20
	44	2045	TALE VIDYA BHIMRAO	26	25	24	24	16	26
	45	2046	CHAVAN LAXMI RAJESH	19	25	21	24	17	24
	46	2047	GAIKWAD SAGAR RAJENDRA	14	17	15	16	17	12
	47	2048	SOLAPURE PRATIK GANGADHAR	AL	Ab	A5.	Ab	AS.	Ab
	48	2049	SHIMPI OMKAR BASAVRAJ	20	21	15	16	18	12
	49	2050	BHARALE LAXMAN YALLAPPA	16	25	24	21	18	19
	50	2051	HANGARGI DIKSHA PARSHURAM	29	26	22	21	17	29
	51	2052	WAGHMARE ADITI KAILAS	21	25	18	21	17	24
	52	2053	LINGARKAR PRITESH POPAT	12	15	14	15	17	12
	53	2054	RAUT SAURABH VASANT RAUT	23	27	20	21	20	24

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	1	58		JADHAV SUPRIYA RAJENDRA	•	A	5	46	AL	1	76	A6	
	-	+	2059	CHANDANE ARATI SANJAY		2	9	25	23		-5	20	
	-	59	2060	CHANDANE POOJA SANJAY		20	7	26	24		25	20	27
	+	60	2061	JADHAV SIDDHESHWAR SHANKAR		181	,	15	15		9	17	28
	-		2062	KOLI SONALI ANNAPPA		2	1	5	n		1	18	20
	1		2064	ATTAR ABUBKAR YAKUBSAB		15	1	6	16	-		-	24
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	-	-	066	KSHIRSAGAR UMESH ANAND		16		0	14	18		17	12
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	6	6 21	068	HANMORE ANURAG ASHOK		15	1.	5	13	15	-	19	25
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	71	207	73 RC	DDDA GANESH DATTATREY		12	701	-	15	19		8	24
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L	74	207	6 PAT	TIL MAHESH SHARANBASAPPA		18	24	2		26	1		25
	75	207	7 HAI	NJAGI ANURADHA TIPANNA	5	23	20		4	23	17		22
	76	2078	JAD	HAV RUPESH SHIVLAL		10			-	21	15		24
L	77	2079	SAL	SHIVANAND GURUNINGAYYA	-	21	19		3	14	13	_	18
	78	2080	КНА	DAKHADE ASHISH ABHIMAN		-7	13	2	7	16	16		12
	79	2081	ВНА	RALE AVINASH ANIL		2	25			23	23		20
8	30	2082	PATH	AN ABID SALIM		6		25		23	22	-	28
8	1	2083	APPA	M SAIKIRAN VYANKATESH		2	25	22		19	21	-	24
8	2	2084		YAL SHRINIWAS RAJU			21	2	-	21	17	1	9
8.	3	2085		ABHISHEK RAJESH	1	7	25	ey	5	20	18	1.	2)

**Student's Attendance Sheet for Internal Assessment** 

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	8	6 208	8 SINGH JYOTI BHAGAT	29	2	6 20	2	5 20	20
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	88	2090	BANDAGAR UMASHRI SHYAMRAO	21	20	5 27	25	2 14	27
	89	2091	SHAIKH ABDULKADAR HAJARAT	23	2	3 17	22		24
	90	2092	JADHAV PRAJAKTA SURENDRA	28	2	6 2			29
	91	2093	KAMBLE NIKHIL AUDUMBER	28	25	2 22		-	18
	92	2094	KUMBHAR ASHOK APPASHA	19	22	24	21		27
	93	2095	SAMARTH PRATIK JEEVANDHAR	25	2	3 22			26
	94	2096	PATANGE ASHWINI NILESH	29			22		
	95	2097	GAIKWAD ONKAR RAVIKUMAR	18	21		15	1.3	28
	96	2099	INGALE SUNIL SURESH	28	24	1	19	17	1>
	97	2100	PATIL VAISHNAVI SHIVSHARAN	25	25	24	23	18	21
	98	2101	MHETRE ANJALI BASAVRAJ	24	26	23	.23	22	27
	99	2102	KOKARE USHA VASANT	28	26	25	22	22	
	100	2103	RUPNURE KIRTI CHANDRAKANT	28	26	22	22	-	28
	101	2104	DEOKAR KAJAL VINAYAK	29	26	25	24	20	29
	102	2105	JADHAV SAURABH ANIL	14	16	20	16	IP	22
	103	2106	MANE SHREYA SANJAY	22	24	v	23	18	26
	104	2107	MANE VAISHANAVI DHANJAY	23	25	26	23	18	2>
	105	2108	BHALEKAR PRATHMESH UTTAM	Ab	00	05	05	04	00
. 1	106	2109	RATHOD SAGAR RAJENDRA	15	21	26	23		
. 1	.07	2110	AMANE SRUSHTI RAVINDRA	14	25	24	23	19	28
1	08	2111	JIDDI CHHAYA TIPANNA	15	27	ry	26	23	30
1	09	2112	KALE SHWETA SUNIL	15	26	26	24	21	28
1	10	2113	MANJELI LAXMI BHIMASHANKAR	15	25	25	24	18	
1:	11	2114	HINDE SAURABH MOHAN	22	209	-	16	. 0	29
11	12	2115 S	HAIKKH HEENA SHABBIR	22	07	17	25	15	\$ 18m



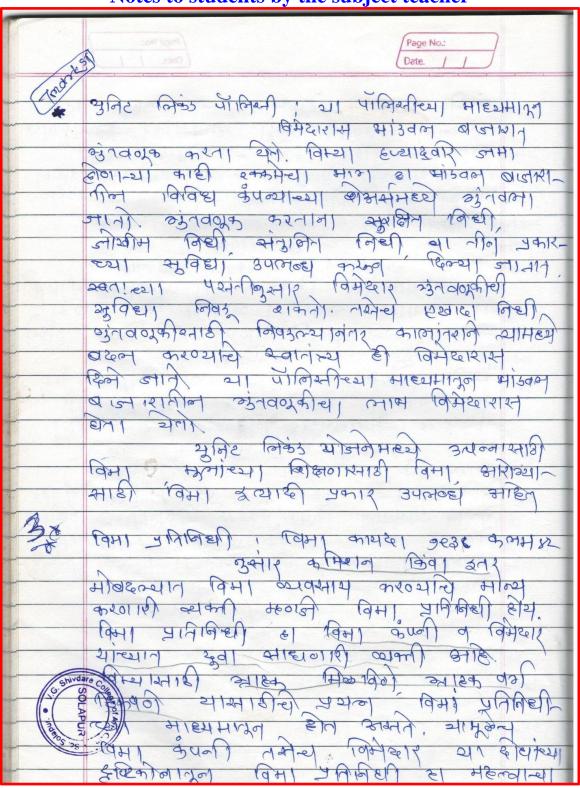


	Notes to students by the subject teacher
MARCE !	Page No.:
The S	क्राल्यास संवंधीत विमेश्सि विमा , कुपनी स्था क्रिया स्वर्णनी स्था क्रिया स्था क्रिया स्था क्रिया स्था क्रिया क्रया क्रिया क्रया क्रिया क्रय क्रिया क्
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- Maria	मशराइनरे जोसीम स्वीक्ली का निवास जोसीम मोबदला कि किएसा विमाहिल के मार्ग्य
7+	काथरूग भारी प्रतिबध विमा स्वक्ष्य - विम्हाने अवक्ष्य प्रकील मुद्द्यांच्या भाषारे अपए करता येते हैं-
MARIN C	साम हिन, सहफायांच्या उत्हण्ड मार्गिकार है - भविषा- संबंधी जोशीम अभगान्या असंबंध व्यक्ती पित्याच्या माह्यमावृत् एकमिन बेत अस्तात् व
न्त्राक्रिका निष्ठका	ज्या व्यक्ति निर्मान्या माध्यमातुन होईल त्यास निम्यान्या माध्यमातुन भरपार्व हिली जाने आमुहिन सहकायीत्रन सुकसान
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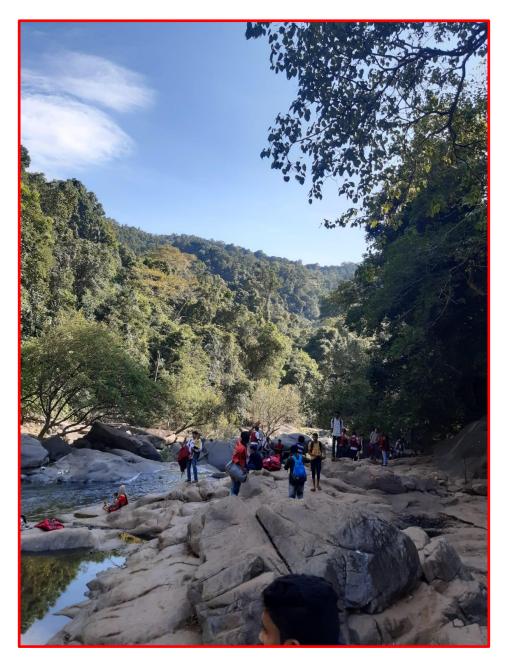
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## **Study Tour by History Department :2018:19**





**Study Tour by History Department :2018:19** 



# शिवदारे महाविद्यालयामध्ये 'मेटाजिनोमिक्स'वर कार्यशाळा

# सभागृहाचेही आज उद्घाटन

#### संचार प्रतिनिधी

**सोलापूर, दि. २७-** दक्षिण सोलापुर तालुका शिक्षण मंडळ संचलित व्ही. जी. शिवदारे कॉलेज ऑफ आर्टस, कॉमर्स ॲण्ड सायन्स महाविद्यालयामध्ये २८ व २९ नोव्हेंबर रोजी विभागामार्फत जैवतंत्रज्ञान मेटाजिनोमिक्स या विषयावर दोनदिवसीय कार्यशाळेचे आयोजन करण्यात आले आहे. या कार्यशाळेत भारतातील आयआयटी सुप्रसिद्ध संस्थेतील डॉ. विश्वनाथम हे मार्गदर्शन करणार आहेत. या प्रात्याक्षिक कार्यशाळेंतर्गत करण्याची संधी विद्यार्थ्यांना मिळणार आहे. दुसऱ्या दिवशी

आयोजक संस्थेकडून प्रश्नमंजूषा स्पर्धा घेण्यात येईल.

संस्थेकड्न सोलाप्र जिल्ह्यात कार्यशाळा अशी शिवदारे महाविद्यालयात होत अस्न, महाविद्यालयातील विद्यार्थ्यांच्या भवितव्यासाठी अत्यंत लाभदायक ठरणार आहे, अशी माहिती जैवतंत्रज्ञान विभागप्रमुख प्रा. गोपिका मंजनाथ यांनी दिली. तसेच उद्या (गुरुवारी) २८ रोजी महाविद्यालयातील नवनिर्मित सभागृहाच्या उद्घाटनाचा कार्यक्रम आयोजित करण्यात आला आहे. सभागृहाचे उद्घाटन डॉ. विश्वनाथम यांच्या हस्ते व संस्थेचे अध्यक्ष राजशेखर

शिवदारे यांच्या अध्यक्षतेखाली होणार आहे. या कार्यक्रमास संस्थेचे विश्वस्त प्रा. भीमाशंकर शेटे, महाविद्यालयाचे प्राचार डॉ. बी. एन. कांबळे, उपप्राचार्य प्रा. एम. बी. पाटील. कॉलेज ऑफ फार्मसीचे प्राचार्य डॉ. आर. वाय. पाटील. प्राचार्य डॉ. जी. के. कापसे, प्राचार्य एस. एस. शेडजाळे. प्राचार्य पी. के. बाजपेयी आणि महाविद्यालयाचे कार्यालयीन अधीक्षक व्ही. एस. किलजे व महाविद्यालयातील सर्व विभागाचे विभाग प्रमुख, प्राध्यापक व सर्व विद्यार्थी उपस्थित राहणार असल्याचेही महाविद्यालयाचे प्राचार्य डॉ. कांबळे यांनी सांगितले

#### Letter of permission for Industrial visit

std.: June, 2005

DAKSHIN SOLAPUR TALUKA SHIKSHAN MANDAL'S

Ph.: 0217 - 2303411 Mob.: 9421388011



## V.G. Shivdare College of Arts, Commerce and Science, Solapur

(Affiliated to P. A. H. Solapur University, Solapur)
Jule Solapur-1, Vijapur Road, SOLAPUR - 413004. Maharashtra

Visit us at : www.vgshivdarecollege.com

e-mail:-vgs.biotechnology@rediffmail.com

Late Shri. V. G. Shivdare Ex. M.L.A. FOUNDER Shri. R. V. Shivdare
PRESIDENT

Shri. I. R. Hatture
SECRETARY

Dr. B. N. Kamble

PRINCIPAL

J. No. VGS/25/2022-23

Date: 13 loh/ 2002

प्रति.

मा. अध्यक्ष साो.

श्री. स्वामी समर्थ शेतकरी व विणकरी सहकारी सूत गिरणी नि. वळसंग

विषय : औद्योगिक भेटीस परवानगी मिळणेबाबत...

महोदय,

वाणिज्य क्षेत्रातील विद्यार्थ्यांना प्रात्यक्षिकाव्दारे संबंधित विषयाचे ज्ञान व्हावे याकरिता प्रतिवर्षी शिवदारे महाविद्यालयातील विद्यार्थ्यांसाठी वाणिज्य व अर्थशास्त्र विभागाव्दारे औद्योगिक भेटीचे आयोजन करण्यात येते.

स्वामी समर्थ शेतकरी व विणकरी सहकारी सूत गिरणी नि., वळसंग ही सोलापूर जिल्ह्यात सहकार क्षेत्रातील एक यशस्वी सूत गिरणी म्हणून ओळखली जाते. सदर भेटीव्दारे सहकारी सूत गिरणी चे स्वरुप, रचना, समस्या, आव्हाने इत्यादी विषयाचे विद्यार्थ्यांना मार्गदर्शन देऊन सहकार्य करावे.

सदर भेट ही दिनांक १८ एप्रिल २०२२ रोजी आयोजित केली आहे. तरी आपले योग्य ते सहकार्य मिळावे ही विनंती.

College of Arts College of Art

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श्री स्वामी समर्थ शेतकरो व विणकरी सहकारी सुत गिरणी नियमित वळसंग.

## **Students List of Industrial visit by Commerce Department**

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	Vals	sang,Solapi	ur.	
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		tudent list		
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2	Vaishnavi Raut	B.com III	2229	V.A.Paul
3	Vaishnavi Dharmadhikari	B.com III	2298	Valstrau's
1	Sangmeshwer Gaikwad	B.com III	226	Johgson
5	Shubham Dhage	B.com III	2235	Ohacil
5	Vinayak Survase	B.com III	2238	TB.
7	Rahul Birajdar	B.com III	2313	12:13-192404612
3	Sandip Komakul	B.com III	2279.	Kanderf.
9	Mangesh Sonavane	B.com III	2269	Destrained
10	Pritesh Lingarkar	B.com III	2093	Billen
11	Anjali Malewadi	B.com III	2205	<del>(1)</del> Km
12	Pranali Tandale	B.com III	2246	Peranale
13	Alvina Mulla	B.com III	2202	Aprillon
14	Akil Badekhan	B.com III	2219	A-s-Badellhan
15	Shrikrushn Gurav	B.com III		
16	Kedar Mensangi	B.com III	2296	K. S. Mensangi
17	Sanket Garad	B.com III	2282	lords.n
18	Kamlesh Benagi	B.com III	2241	Kamiest
19	Priti Gavade	B.com III	2212	Davade.
20	Onkar Bhingare	B.com III	12283	0.5. Bringare
21	Akshykrushna Pathak	B.com III	2254	Berhy AB
22	Aishwarya Hangal	B.com III	2218	pighwardel.

## **Students List of Industrial visit by Commerce Department**

23	Satish Gaikwad Ruthod	B.com III	2248	2/19/62
24	Suraj Patil	B.com III	2266	Surats Pal 4
25	Kiran Dharmsale	B.com III	2259	DAN
26	Shivraj Alure	B.com III	2264	- Jacken
27	Muskan Ansari	B.com III	2011	Musikan
28	Vibhav Survase	B.com III	2276	Surveye. V. V
29	Sagar Dulrao	B.com III	2274	P-Sagar
30	Abhiskek Shrikhande	B.com III	2294	le ne
31	Abhiskek Dulrao	B.com III	22/3	At phelow.
32	Santosh Bagelli	B.com III	2251	(amosh
33	Pallavi Bakare	B.com III	2285	Palore
34	Revati Pagad	B.com III	2295	Dagartes.
35	Pallavi Kale	B.com III		Paray.
22	I allavi Naic	D. CO	77X1	100
36	Dipa Parab	B.com III	2281	nifa.

## **Industry Visit to LHP Company 2017-2018**



# **Industry Visit to LHP Company 2017-2018**



Industry Visit to Solapur Siddheshwar Co-Operative Sugar Factory 2018-



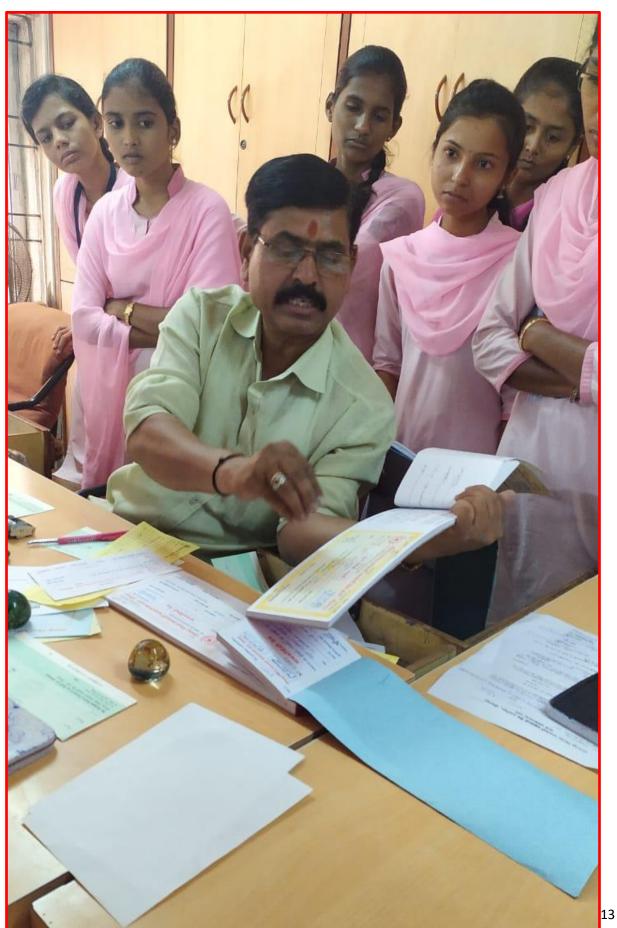
#### Bank Visit to Solapur District Central Co-Operative Bank, Solapur 2017-



#### Bank Visit to Solapur District Central Co-Operative Bank, Solapur 2017-2018

## **Understanding the working of Banks**





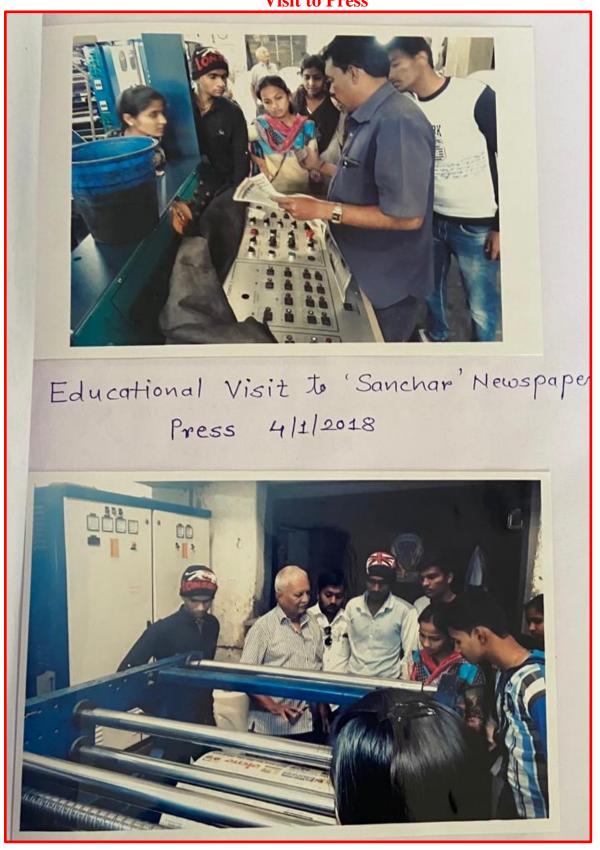
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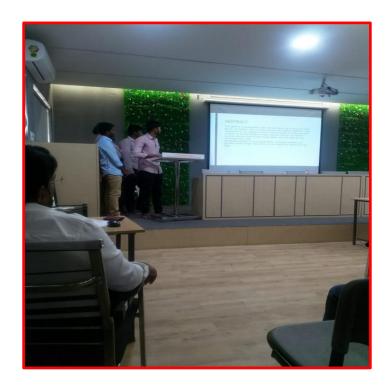
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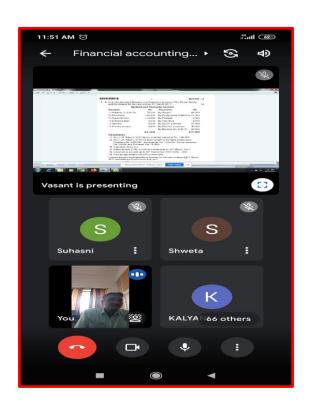


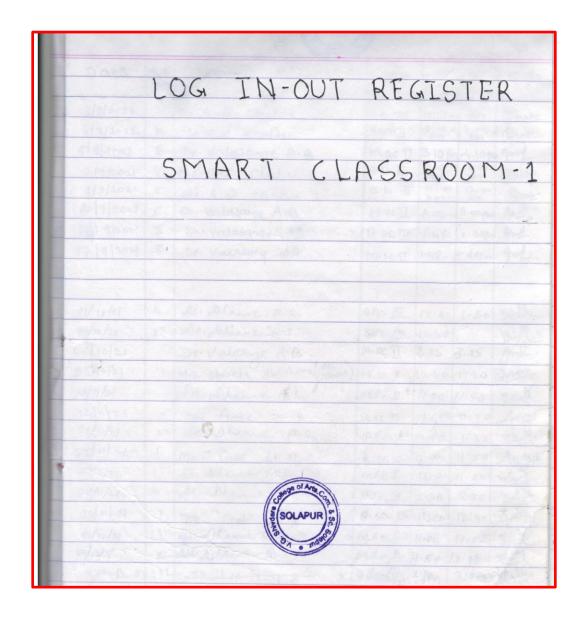
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## **Application of ICT Tools**





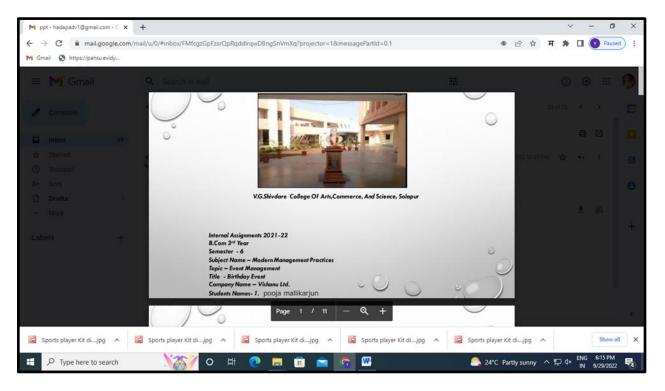


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Į.	6/4/2021	2	Mt. G. D. Chaque.	3.2c. 11	2:10 Pm	3:00 PM	Chake.		
	6/9/2021	8.	Dr. Valasange A.B	M.sc II	3-10 pm	4.109	Anny		
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	8/9/2021	5	Mr. G.D. chapre.	13.20.11	11:00	12:00	Broken.		
	20/9/201	6	Dr. Valasarge A.B	M.SCI	2.00	3.00 Pm	Ant.		
	25/ 9/2021	7	Dr. Valusarge AB	B. SCTI	1.45	1.30pm	Anne		
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