# Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli

# Academic Calendar (2021-2022)

First Term Second Term = 01/08/2021 to 24/01/2021

= 02/03/2022 to 30/06/2022

Second Term = $02/03/2022 \text{ to } 30/06$			6/2022
1 <sup>st</sup> Week 1 Aug. – 7 Aug.	2 <sup>nd</sup> Week 9 Aug. – 14 Aug.	3rd Week 15 Aug 21 Aug.	4 <sup>th</sup> Week 23 Aug 28 Aug.
<ul> <li>Staff Meeting</li> <li>Meetings of Subject/s for Extra-Curricular and Co- curricular Activities</li> </ul>	<ul> <li>Department         wiseMeetings</li> <li>Submission of Details         Planning byvarious         committees</li> <li>Admission Committee         meeting</li> </ul>	<ul> <li>Celebration of Independence Day</li> <li>Meetings of Heads of the Departmentswith Principal</li> <li>I.Q.A.C. Meeting</li> <li>Inauguration of Co-curricular andExtra- curricular Activities</li> </ul>	<ul> <li>Career GuidanceCell Program</li> <li>Debate, Elocution&amp; Essay Writing-</li> <li>Sports Day Celebration</li> <li>NSS Activities- Shramdan, Rakshabandh an</li> </ul>
5 <sup>th</sup> Week	6 <sup>th</sup> Week	7th Week	8th Week
30 Aug04 Sept	05 Sept11 Sept.	13 Sept18 Sept.	20 Sept-25 Sept.
<ul> <li>C.D.C. Meeting</li> <li>I.Q.A.C. Meeting</li> <li>Publication of WallPaper</li> <li>Add On Courses Council- Meeting</li> </ul>	<ul> <li>Celebration of         Teachers Day</li> <li>NSS Activity-         Ecofriendly Ganesh         Festival</li> <li>Inter Class         Competitions-         Debate, Elocutionand         Essay Writing</li> </ul>	<ul> <li>Alumni Meet-Feedback</li> <li>Feedback from Employers &amp; Social workers</li> <li>Publication of Wall Paper</li> </ul>	<ul> <li>Interclass Competitions</li> <li>Debate, Elocution &amp; Essay Writing</li> <li>Celebration of NSS day</li> </ul>
9th Week 27 Sept- 02 Oct.	10 <sup>th</sup> Week 04 Oct09 Oct.	11 <sup>th</sup> Week 11 Oct16 Oct.	12 <sup>th</sup> Week 18 Oct23 Oct.
<ul> <li>Parents-Teachers         Meet-Feedback         from parents</li> <li>Internal         Examination</li> <li>Mahatma Gandhi         Jayanti</li> <li>Lal Bahadur         Shastri Jayanti</li> </ul>	<ul> <li>IQAC Meeting</li> <li>Lead College Meeting</li> <li>Department Meetings</li> <li>Non-Teaching workshop</li> </ul>	<ul> <li>Placement Activity</li> <li>Meetings of Various Co-curricular and</li> <li>Extra-curricular Committees</li> <li>Internal Exams</li> </ul>	<ul> <li>Seminars</li> <li>Publication of</li> <li>C.D.C. Meeting</li> <li>Publication of Wall Paper</li> <li>Internal Exams</li> </ul>

13 <sup>th</sup> Week	14 <sup>th</sup> Week	15 <sup>th</sup> Week	16 <sup>th</sup> Week
25 Oct 30 Oct.	01 Nov 06 Nov.	08 Nov 13 Nov.	15 Nov2 0 Nov.
• D. I. File Checking	Diwali Vacations	<ul> <li>N.S.S.     Activity</li> <li>Syllabus     Review     Meetings</li> <li>Seminar- IPR</li> </ul>	<ul> <li>Meetings of all committees for Co- curricular &amp; Extra- curricular Activities</li> <li>Preparation of AQAR</li> </ul>
17 <sup>th</sup> Week	18 <sup>th</sup> Week	19 <sup>th</sup> Week	20 <sup>th</sup> Week
22 Nov 27 Nov.	29 Nov 04 Dec.	23 Nov 28 Nov.	30 Nov 05 Dec.
<ul> <li>Shramdan on</li></ul>	<ul><li>Shramdan on</li></ul>	<ul> <li>Internal Exam</li> <li>Collection of articles</li></ul>	<ul><li>Internal Exam</li><li>IQAC Meeting</li><li>IIC Meeting</li></ul>
College campus <li>NIRF Data</li>	College campus <li>NIRF Data</li>	from the students	
Collection	Collection	for college magazine	
21st Week	22 <sup>nd</sup> Week	23 <sup>rd</sup> Week	24 <sup>th</sup> Week
06 Dec 11 Dec.	13 Dec 18 Dec.	20 Dec 25 Dec.	27 Dec 01 Jan.
<ul> <li>Webinar- Research Methodology</li> <li>Syllabus Completion Review Meeting</li> </ul>	<ul><li>NSS Activity</li><li>Cultural Activity</li><li>Exhibitions</li></ul>	<ul> <li>IQAC Meeting</li> <li>Publication of Wall Paper</li> <li>Parents Meet</li> <li>Competitive Exam.Activity</li> </ul>	Department wise     Meeting for the     Preparation of     Department input     files
25 <sup>th</sup> Week	26 <sup>th</sup> Week	27 <sup>th</sup> Week	28 <sup>th</sup> Week
03 Jan 08 Jan.	10 Jan 15 Jan.	17 Jan. – 22 Jan.	23 Jan 29 Jan.
<ul> <li>Dr. Patangrao Kadam Saheb Jayanti</li> <li>Competitive Exam.Activity</li> <li>Wall Paper Activity</li> </ul>	<ul> <li>C.D.C. Meeting</li> <li>Youth Day</li> <li>Teacher evaluation Feedback Collection</li> </ul>	<ul> <li>Industry-Academia Activity</li> <li>Research Event</li> <li>Add On Courses Council Meeting</li> </ul>	<ul> <li>Term End Meeting</li> <li>Republic Day</li> <li>Submission ofTeaching Completion Reports.</li> <li>National Conference</li> </ul>
29 <sup>th</sup> Week	30 <sup>th</sup> Week	31 <sup>st</sup> Week	32 <sup>nd</sup> Week
31 Jan 05 Feb.	07 Feb 12 Feb.	14 Feb. – 19 Feb.	21 Feb 26 Feb.
<ul> <li>Term End Vacation</li> <li>University         Examinations         33<sup>rd</sup> Week     </li> </ul>	<ul> <li>Term End Vacation</li> <li>University</li> <li>Examinations</li> <li>34th Week</li> </ul>	<ul> <li>Term End Vacation</li> <li>Chhatrapati Shivaji Maharaj Jayanti</li> <li>35<sup>th</sup> Week</li> </ul>	<ul> <li>Term End Vacation</li> <li>University</li> <li>Examinations</li> <li>36th Week</li> </ul>
<ul> <li>Staff Meeting</li> <li>Publication of WallPaper</li> <li>I.Q.A.C. Meeting</li> <li>Celebration of Science Day</li> </ul>	<ul> <li>7 Mar 12 Mar.</li> <li>Meetings of Committees for Extracurricular and Co-Curricular Activities</li> <li>Seminar Activity</li> <li>Annual Sports</li> </ul>	<ul> <li>Meeting with office staff for A.Q.A.R.</li> <li>Submission of Records of Internal Examinations</li> </ul>	• Add On Course Council Meeting • Submission of True Copies of Conferences, Workshops attendedby the Staff

37th Week	38 <sup>th</sup> Week	39th Week	40 <sup>th</sup> Week
28 Mar. – 02 Apr.	04 Apr 09 Apr.	11 Apr. – 16 Apr.	18 Apr. – 23 Apr.
• C. D. C. Meeting	• I.Q.A.C. Meeting	<ul> <li>Internal Exams</li> </ul>	Staff Meeting
<ul> <li>Poster Exhibition</li> </ul>	<ul> <li>Preparation of</li> </ul>	<ul> <li>Babasaheb</li> </ul>	• Internal Exams
	A.Q.A.R.	Ambedkar Jayanti	
	<ul> <li>Industry Academic</li> </ul>		
	Interaction	DECEMBER AND DESCRIPTION OF THE PARTY OF THE	
	workshop		
41st Week	42nd Week	43rd Week	44th Week
25 Apr 30 Apr.	2 May 07 May	09 May - 14 May	16 May -21 May
Declaration ofnext	• 'Submission of Self-	Stock Verification	Staff Meeting
year's planning	Appraisal Reports.	• I.Q.A.C. Meeting	•D. I. File
prepared by	Publication of	• Finalization of	preparation
I.Q.A.C.	College Magazine.	A.Q.A.R.	•Competitive
<ul> <li>Meeting of</li> </ul>	Green Audit	Internal Exams	Exam
Admission and	Internal	NSS Activity	guidance
Prospectus	Exams	Bharati Vidyapeeth	Activity
Committee.	Exams	• Foundation Day.	
• University		(10 <sup>th</sup> May)	
Examination		(10 May)	
45 <sup>th</sup> Week	46th Week	47 <sup>th</sup> Week	48th Week
23 May - 28 May	30 May - 04 June	06 June- 11 June	13 June – 18 June
Wall Paper Display	Gender Audit	SSS conduction	Tree Plantation
• AAA	• Environment	AQAR Submission	Meeting withoffice
	Day	<ul> <li>Submission of</li> </ul>	staff for A.Q.A.R.
	<ul> <li>NSS Activity</li> </ul>	Records of	
	1 Noo Tectivity	Internal	
		Examinations	
		Add On Course	
		Council Meeting	
49 <sup>th</sup> Week	50th Week	004	
20 June – 25 June	27 June - 30 June	A STATE OF THE STA	
Publication of	Submission of True		
WallPaper	Copies of		
• I.Q.A.C. Meeting	Conferences,		THE PLANT
• International Yoga	Workshops	A Little Devices	churus ktor
Day	attended by the		
Day	Staff	Alman, and a second	
	• C. D. C. Meeting	The second second second	
	<ul><li>DI file preparations</li><li>Term End Meeting</li></ul>		Water Committee



(Dr. D. G. Kanase)
PRINCIPAL,
Dr. Patangrao Kadam Mahavidyalaya,
Sangli - 416416 (Sangliwadi)

#### Dr. Patangrao Kadam Mahavidyalaya, Sangli

# Department of Economics

Year 2021-22

Date: - 6/10/2021

#### Notice of the Meeting 1st Term

All the faculties of the departments are required to attain the meeting of the second term academic year 2021-22 at the 11:00 AM in the Department. Dated on 7/10/2021.

#### \* Agenda of the Meeting

- 1. welcome of the student of the first year of the department.
- 2. To discuss the result of the students of back / last exam.
- 3. Preparation of the timetable for the academic year.
- 4. Any other subject's discussion by the permission of the chairman.

First meeting of department was held on 7th Oct. 2022 in Department at 11:00 AM. The following members were present.

Sr. No.	Name of the Members	Signatures
1.	Prof. T. R. Sawant	(Burne
2.	Prof. A. A. Pol	( min
3.	Mr. B. P. Kurade	Boale
4.	Mr. M. V. Salunkhe	Salimkire

#### \* Minutes of the meeting

- 1. To discuss the result of the students of examination held in April / May 2022 and discussion was held to support increase student's initiative towards the result.
- 2. The discussion on the distribution of the workload to teaching be given as per their interests and willing.
- 3. The discussion was also held regarding the preparation of the time table of the classes for the academic year.
- 4. Other matter was discussed by the permission of the chairman.

(Mr. T. R. Sawant)

Head of Department

(Dr. D. G. Kanase)

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Or. Patangarao Kadam Mahavidyataya

Sangii.-416416.(Sangliwadi.)

## Dr. Patangrao Kadam Mahavidyalaya, Sangli

### Department of Economics

Year 2021-22

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3.	Mr. B. P. Kurade	podes
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(Mr. T. R. Sawant)

Head of Department

(Dr. D. G. Kanase)

Piprincipal

Dr. Patengarao Kadam Mahavidyalaya Sangli,-416416.(Sangliwadi.)

#### Dr. Patangrao Kadam Mahavidyalaya, Sangli

#### Department of Economics

Year 2021-22

Date: - 7/3/2022

#### Notice of the Meeting 2nd Term

All the faculties of the departments are required to attain the meeting of the second term academic year 2021-22 at the 11:00 AM in the Department. Dated on 8/3/2022.

#### \* Agenda of the Meeting

- 1. To analysis the results of the students of Oct 2021 examination.
- 2. Preparation of the schedule of the internal examination.
- 4. Any other issue discussion by the permission of the chairman.
- 3. Allotment of exam duty to both of the teaching.

First meeting of department was held on 8<sup>th</sup> March 2022 in Department at 11:00 AM. The following members were present.

Sr. No.	Name of the Members	Signatures
1.	Prof. T. R. Sawant	Murm
2.	Prof. A. A. Pol	Mir
3.	Mr. B. P. Kurade	Bosase
4.	Mr. M. V. Salunkhe	Saturdit

#### \* Minutes of the meeting

- 1. To discussion was to assist and help to the students of all class to improve the result of the department.
- 2. It was unanimously solved that the work of examination (internal and external) will be made compulsory to teaching.
- 3. The discussion was held to give the responsibility to the all teaching members regarding the smooth conducting of internal and external examination.
- 4. Other matter like study tour etc. was discussed by the permission of the Chairman.

(Mr. T. R. Sawant)

Head of Department

(Dr. D. G. Kanase)

PRPrincipal L

Dr. Patangarao Kadam Mahavidyaleya Sangli.-416416.(Sangliwadi.)

#### Dr. Patangrao Kadam Mahavidyalaya, Sangli

## Department of Economics

Year 2021-22

Date: - 7/3/2022

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(Mr. T. R. Sawant)

Head of Department

(Dr. D. G. Kanase)

P Principal AL

Or. Patangarao Kadam Mahavidyalaya Sangli.-416416.(Sangliwadi.)

# Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli Department of Chemistry Syllabus Distribution Term-II, 2021-22

Sr.	Paper Rath State Ball Charles of Super London Marie State Control	Name of Faculty			
No.	B. Sc. I, Sem. II				
1	CHEMISTRY-DSC 3B: Chemistry Paper-III (Physical Chemist	rv)			
1	Unit I: Chemical Energetics	Ms. P. R. Waghmare			
	Unit II: Chemical Equilibrium	Ms. P. R. Waghmare			
	Unit III: Kinetic Theory of Gases	Ms. P. R. Waghmare			
	Unit IV: Chemical Kinetics	Dr. A. M Sargar			
2	DSC-4B-Chemistry Paper IV (Analytical Chemistry)				
	Unit I: Introduction to analytical Chemistry	Dr. R. N. Deshmukh			
	Unit II: Chromatography	Dr. R. N. Deshmukh			
	Unit III: Theory of titrimetric Analysis	Mr. P. S. Dikule			
	Unit IV: Water Analysis	Dr. R. N. Deshmukh			
	Unit V: Analysis of Fertilizers	Dr. R. N. Deshmukh			
	B. Sc. II, Sem. IV				
3	Paper No. DSC-D3- Chemistry paper No. VII (Inorganic Chem				
	Unit 1: Co-ordination chemistry	Dr. R. N. Deshmukh			
	Unit 2: Chelation	Dr. R. N. Deshmukh			
	Unit-3. P- Block elements ( Group 13, 14 and 15 )	Ms. R. S. Patil			
	Unit 4: Chemistry of elements of 3d series elements	Dr. R. N. Deshmukh			
	Unit-5. Inorganic semi-micro qualitative analysis	Dr. R. N. Deshmukh			
4	Paper No. DSC- D4 - Chemistry paper No. VIII (Organic Chemistry)				
	Unit 1: Carboxylic acids and their derivatives.	Dr. S. T. Mane			
	Unit 2: Amines and Diazonium Salts	Dr. T. R. Lohar			
	Unit 3: Carbohydrates	Dr. S. T. Mane			
	Unit 4: Carbonyl Compounds- Aldehydes and Ketone	Dr. T. R. Lohar			
	Unit 5: Stereochemistry	Dr. T. R. Lohar			
3.		511111111111111111111111111111111111111			
	B. Sc. III, Sem. VI				
5	Paper No. DSE-F5, Chemistry Paper NoXIII (Inorganic Chem	nistry)			
	1.Coordination Chemistry	XXX			
	2.Nuclear Chemistry	XXX			
	3.Chemistry of f-block Elements	XXX			
	4.Iron and Steel	Mr. P. S. Dikule			
	5.Bio –inorganic Chemistry	Mr. P. S. Dikule			
,					
6	Paper No. DSE-F6 Chemistry Paper No. XIV (Organic Chemis	**			
	Unit 1. Reagents and Reactions in Organic Synthesis	Dr. T. R. Lohar			
	Unit 2. Retrosynthesis	Dr. T. R. Lohar			
	Unit 3. Electrophilic addition to >C=C< and −C≡C− bonds	Dr. S. T. Mane			
	Unit 4. Natural Products	Dr. T. R. Lohar			
	Unit 5. Pharmaceuticals	Dr. T. R. Lohar			

7	Paper No. DSE-F 7 Chemistry Paper No. XV (Physical Chemistry)		
	Unit 1. Phase Equilibria	Dr. A. M. Sargar	
	Unit 2. Thermodynamics	Dr. A. R. Supale	
	Unit 3. The Solid State	Dr. A. R. Supale	
	Unit 4. Chemical Kinetics	Dr. A. R. Supale	
	Unit 5. Distribution law	Dr. A. M. Sargar	
8	Paper No. DSE-F8 Chemistry Paper No. XVI (Industrial Chemistry)		
	Unit 1. Sugar Industry	Dr. S. T. Mane	
	Unit 2. Manufacture of Industrial Heavy Chemicals	Dr. S. T. Mane	
	Unit 3. Synthetic Polymers	Dr. S. T. Mane	
	Unit 4. Petroleum industry and eco-friendly fuels	Dr. S. T. Mane	
	Unit 5. Nanotechnology	Dr. A. M. Sargar	

GOTTON ST

(Dr. D. G. Kanase) Head

Department of Chemistry

HEAD,

Department of Chemistry

Dr. Patangrao Kadam Mahavidyalaya

SANGLI 416 416

# **Syllabus Distribution**

# M. Sc. II, Sem. IV (2021-22)

er.	Unit Name	Allotment	Sign	
No.	er NoXIII, ACH 4.1: MODERN SEPARATION METHODS IN ANALYSIS			
aper	NoXIII, ACH 4.1: MODERN SEI ARTTO	D. C. D. Cabala	10.5600	
1	INIT-I: Advanced Gas	Or. S. R. Sabale	Visiting	
1	Chromatographic Techniques	Dr. R. S. Dhabbe	visiting	
2	LINIT-II: Advanced Liquid	Dr. R. S. Dilaboc		
_	Chromatographic Techniques	Ms. R. S. Patil	Bpatil .	
3	LINIT III. Ion Chromatography	Ms. R. S. Patil	191	
4	LINIT IV. A) Modern extraction and	Ms. R. S. ratii	Beatil	
	separation techniques B) Extractive			
	Chromatographic Separations			
		Castion):		
ACH	I-XIV: Organic Industrial Analysis (Organi	ic Section);		
	UNIT – I: Industrial Analysis	Ms. S. Y. Salunkhe	Sylalumbel	
1	A) Analysis of oils, fats and Soaps			
	B) Analysis of Detergents			
	UNIT – II: Food and Food Additive	Dr. S. T. Mane	Smane	
2				
	Analysis UNIT-III: Analysis of cosmetics	Ms. S. Y. Salunkhe	Sylalunkhe	
3				
	products UNIT-IV: Analysis of Paints, pigments	Ms. S. Y. Salunkhe	Sysalunkt	
4	and petroleum products			
	H - XV. Advanced methods in chemical and	alysis(Physical Section	on):	
AC		Dr. A. R. Supale	mall	
1	UNIT-I: Fluorescence and	DI. II. II. Sup	11.1.20	
	Phosphorescence Spectrophotometry	Ms. P. R. Waghman	e \$2	
2	LINIT-II. Kinetic Methods of analysis	Dr. T. R. Lohar	Storon	
3	UNIT - III: Photoelectron spectroscopy	Ms. K. R. Koli	visiting.	
4	UNIT-IV: X-ray spectroscopy			
	per NoXVI(A), ACH 4.4(A): INDUSTRIA	AT ANALYTICAL	CHEMISTRY	
Pa	per NoXVI(A), ACH 4.4(A): INDUSTRIA	AL ANALITICAL	15 161	
-	UNIT-I: Spectrochemical Methods of	Ms. R. S. Patil	Boati	
1			0.0	
-	UNIT-II: Analysis of metals and alloys	Ms. P. R. Waghma	ire X	
2	UNIT-III: Analysis of soil and	Dr. R. N. Deshmu	kh	
3	UNIT-III. Allarysis of Soil and			
	fertilizers UNIT-IV: Analysis of Commercia	al Ms. P. R. Waghma	are	
4	UNIT-IV. Indijos		of mpd	
	materials			

(Dr. A. R. Supale)
Coordinator

M. Sc. Analytical Chemistry

Syllabus Distribution M. Sc. I, Sem. II (2021-22)

Sr.	M. Sc. I, Sem. II (202 Unit Name	Allotment	Sign
No. Paner	-CH-201: Inorganic Chemistry – II	Defineration of the Ho	,
1	Chemistry of Non-transition Elements and	Ms. R. S. Patil	Papalil Papalil
2	their compounds a)Stereochemistry and bonding in Main group compounds	Ms. R. S. Patil	1
3	b) Non-aqueous solvents Chemistry of f-block elements (Lanthanides	Ms. R. S. Patil	Papali
4	and Actinides)  a) Solid state chemistry  b) Discognic Chemistry	Dr. V. J. Sawant	visiting
Dono	b) Bioinorganic Chemistry r-CH-202: Organic Chemistry-II	all-sign or contactle	le isquii
1	a) Study of following rearrangements	Ms. S. Y. Salunkhe	SYSalukt
2	b) Photochemistry a) Hydroboration b) Enamins	Ms. S. Y. Salunkhe	Sylalent
3	c) Oxidation a) Reductions b) Protection of functional	Dr. S. T. Mane	Sman
4	a) Study of Organometallic compounds b) Methodologies in organic synthesis	Ms. S. Y. Salunkhe	Sylatin
Pan	er-CH-203: Physical Chemistry – II		
1	Quantum Chemistry	Dr. S. V. Nipane	Wisitin
2	Photochemistry	Dr. A. R. Supale	
3	Electrochemistry	Ms. P. R. Waghmar	
1	Chemical Kinetics	Ms. P. R. Waghmar	10
Par	per-CH-204: Analytical Chemistry- II		T.
1	UV-Vis and IR Molecular Spectroscopy	Dr. T. R. Lohar	Bloke
2	Advanced Analytical Tools	Dr. T. R. Lohar	17.10
3	Thermal Analysis	Dr. R. N. Deshmuk	100
4	Atomic Spectroscopy	Ms. P. R. Waghma	100

(Dr. A. R. Supale)
Coordinator
M. Sc. Analytical Chemistry



Dr. Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING COMPLETION REPORT

Term (A) (2020-2021) 2021-2022-Term-I

J/Sr/Arts/Science/Complerce Faculty

Sawant Tanasi Rajaram

Lecturer in Ecomomics hereby affirm that, I have full and - more sensively completed the teaching in the following papers during term L/II-(2021 -2031)

1	Name of the Paper	Total Lectures Engaged	Date of Completion of the portion
	ernetional Economics	. 52	20/01/2022
_ Int	or HO IX BA III		-
1	The state of the s	54	2010112022
L His	ughts I paper MOXI		
-	A. III  cro Economics - Paper II	55	22101/202
8	A. part II		22/01/202
4 m	acro Economics paper ]	56	
1	scom: II	55	20  01   2-02
5 B	paper-I 8-com-III		

Date 24/01/2022

Name & Signature of Danware
Subject (Feacher (T. R. Sowmt)

PPrincipal AL

Or, Palangarao Kadam Mahavidyolaya Sangil.-416416 (Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2021-2022

Term 1/24 From 1 1101 2021 To 24 1-11 2022 1) Name of Teaching : TR Sawant 2) Class : BAIII

5) Title of the Paper: Internation of Economics I 4) Date of commencement of Lecture 1-10-2021

5) No. of lectures per week 14 per Ho 9) Total Lectures required 6.0

51 No. of lectures per week ---

Month	Topies to be covered (in detail)	No of
	Many bas Marrier Washington	required
october	Module-I Trade and Trade Theorie	(15)
2021	1.1 Importance of the study of	64
3 0	International Economics	
	un inter-regional and inter	04
	national trade- similarities	
	and dissimilarities	
	1.3 Ricardian theory of inter	04
50	moeternal trate.	
	1.4 Heckshor- ohlin Theory	03
Novembe	module-II - Gains from Internation	4 (15)
2021	Trade I mattered	04
	2.1 Gains From International trade and their measure	04
	ment	
-	2-2 Trade as an estime of econom	103
	600 W +h.	
	200 Terms of parte meaning	04
	commeepts and application	

	2.4 Factors effecting terms	04
	of trade	1
	OT 155	
	Lie TI Exchange Date	(15)
	Module-III Exchange Rate	
2021	3.1 meaning of exchange mute	03
	gure hasing power party theory	
	32 fixed Exchange Rate-meaning	04
	32 tixed Extranscripts	1
12.5	merits and demerits.	04
-	3.3 Fledible Edcharg Rate-	1
	meaning and merrits and	
	desmerits	04
0.8	34 Floating Exchange Rute-	-
	meaning, merits and demerits	
	the transfer of the sent outlest	(15)
Januar	y Module-IV Tariffs and quotas	
2022	4.1 Free Trade- meaning-	04
1.01	arguments The Policy -	
	42 Traide Protection Policy -	04
	meaning arguments for and	
	against.	
	5.3 Tariffs, meaning, types	04
	and effects.	h7
0.4	3.4 quotas - meaning +ypes	03
	and effects.	
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Subject Teacher Head of Dept. Principal.

(TR Sawant) (TR Sawant) Or. Principal Sangil. 418415. (Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2011-2012

Term I/II From 111012021 To 2410112022

(1 Name of Teaching 7 - R Sawant 2) Class: BAIII

5) Title of the Paper: History of Economic 4) Date of commencement of Lecture 1-10-2021
Thoughts-I XIL

5) No. of lectures per week — 6) Total Lectures required — 6.0

at the transport the details	No of
Topics to be covered (in detail)	Lectures
	required
unitI: origin of Economic Thoughts	(15)
+1 Farly economic thought mie	04
of mercantilism features	
of murcantilism.	
1'2 meaning and causes of	04
emergence of physiocracy	
12 The concept of natural	04
order and primacy of agriculty	re
1.4 Tableau economique	03
	- 0
- Unit II 8- classical Economic Thought	(15)
2-1 Adam Smith - DIVISION of 145047	. 05
theory of value and can cons	
of toxation	
2-2 David Ricardo - Theory of value	05
and views on disensul	
2.3 Thomas matthus- Theory of	03
population.	
2-4 Throny of 91415"	03
	Unit I: Origin of Economic Thoughts  ti Farly economic thought the of mercantilism features of mercantilism features of mercantilism  1:2 meaning and causes of emergence of physiocracy  1:3 The concept of natural order and primacy of agriculty  1:4 Tableay economique  2:1 Adam Smith - Division of lubous theory of value and can cons of toxation  2:2 David Ricardo - Theory of value and views on disdribution  2:3 Thomas matthus Theory of population:

	TUNIT TITE E conomic Thoughts of	(15)
ecember	K WOOT I I I I I I I	
021	and comes pt of scientific	05
	3.1 The come and meterialist	
	abbasach.	
	312 The Theory of Value	04
	3:3 Theory of surplus value	03
	34 concept of falling rate	03
	34 concept of	
	of profit	(15)
amuar	7 Unit TV 8 - Economic Thoughts of	(1-)
2022	40001111	1.1.
	4.1 criticism on classical school	2
	about a of Francisco	22
	the state of the s	
	4.4 Theory of protection Ism	04
	THE PROPERTY OF THE PARTY OF TH	
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- 10	The state of the s	1
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	Problem & State	1
	22 Devel Property Property and the	1

Montrowe Subject Teacher

(T. R sawant)

Head of Dept.

(T. RSawant)

PRINCIPAL

Or. Polongarao Kadam Mahavidyaleya Sangil.-416415 (Sangilwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2017-2012

2021-2022

Term 1/1 From 1 1101 2021 To 2 2 1011 2022

1) Name of Teaching :	TR	Sawant	2) Class :
3) Title of the Paper :- 1	19620	Economics	4) Date of commencement of Lecture 1-10-2021
5) No. of lectures per we	ek O	46	) Total Lectures required

Month	Topics to be covered (in detail)	No of Lectures
128	The second of the second of	required
october	unit I I Introduction to macro	(15)
2021	Fromomics	
	1.1 meaning, befinition, Hature	04
7	and score	
	1.2 Difference between micro	04
3.11	and macro Economics	
	1.3 Importance and Limitations	04
300	14 macro Economic variable	03
	THE PERSON OF TH	
Hovem bea	unit II : Hattornal Income	(15)
2021	2.1 meaning and Definitions.	03
	2-2 Different concepts GAT.	06
	MHP GOP at market prices	
	and factor cost per capital	
	Income, personal Income	
	Tubuc' hessi	
	Disposable Income	
TOTAL ST	2-3 methods of measuring Nation	nel 03
the state of		nel 03

	2.4 sifficulties In the mensurement	03
	of Hatronal Income importance	
	of Hattonal Intome Data	
Decembe	Tunit II 's money and value of money	(15.
2021	3.1 Definitions and functions	03
	of money	7.3
	3.2 Value of monty-quantity The	my 04
	of money - Transaction Approach	
	cash Balance Approach	
	397 Intex Number- meaning	05
	Type-construction of simple	-5
	and weighted Index Numbers	
33	3:4 Importance of Index Number	502
	2.11400,355.555	
Tumuan	Unit ive nut pur and Franker	Com
Tanuary	Unit ive- out pur and Employment	(15)
2022	4.1 say's Law of market:	03
	4.2 Keynesian Theory of Employ-	0.3
11101 11	mant.	
	4.3 consumption function 1-	05
	Average propensity to consume	
	(APC) marginal propentity to	
	consume (mpc) fuctors affecting	1
	Consumption Function	
	5.4 Investment Functions	04
	concept of multiplier	-
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Subject Teacher Head of Dept.

(TR SAWANT) (TR R SAWant)

Dr. Palengarao Kadam Mahavidyaleya Sangit 416416 (Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2011-2012

Term I/II From 11012021 To 2410112022

1) Name of Teaching: T R Sawant 2) Class: Bcom: II

3) Title of the Paper: MACTO Economics 4) Date of commencement of Lecture 1-10-2021

Month	Topics to be covered (in detail)	No of Lectures required
october	Unit1:- Introduction to mucro	(15)
2021	Eumomics	10 10
100	1-1 meaning, plature and scope	04
	12 significance of mucro Economica	04
	10 Limitation of macro Elminics	04
	th muoro Economic variables	03
Invente	unit 2 8- Hattorial Income	(12-)
2021	oil meaning and concepts-4pt	0.5
A CONTRACTOR OF THE PARTY OF TH	GHP, HMP, personal amy misson	
	alle Income, per cupin Income	
	Harman Income at current.	
	and Expenditure me constant	
	parces	
	2.2 methods of computing Hahanal	04
	Income - product Income and	
	Expenditure methods.	
	2-2 Difficulties In computing	03
	Hatronal Income	

	24 Applications of Hattoney From	
	Defoi:	
	unit 3 1 value of money	(15)
	all concret of value of money	03
2021	and augmentery Theory of the	04
	Transaction Approach - cons	
_	Balance Approach	
	3:3 Inflation - causes of Inflation	04
	Inflation and Interest rates	
100	social cost of inflation feme	
	ares to control of Inflation	
	3.4 Indea Humbur - meaning	04
- 19	construction of simple and	
	weighted Intex xiumbers	
	Walde	
Time trans	times A & all Aut and Employment	(15)
_	TUNITY & OUT put and Employment	03
Junuar 2022	TUNITY & OUT put and Employment	03
_	YUNIT 4 & OUT put and Employment 4.1 J. B Say's Law of market 4.2 Ktymesiam Theory of Employme	03 nt 03
	y Unit 4 & out put and Employment  4.1 J. B say's Law of market  4.2 Keynesian Theory of Employme  4.3 con consumption function-	03 nt 03
_	y Unit 4 & out put and Employment  4.1 J. B say's Law of market  4.2 Keynesian Theory of Employme  4.3 con consumption function-  concept and Types, factors	03 nt 03
_	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Keynesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  Influencing consumption	03 nt 03
_	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Ktymesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  Influencing consumption  function	03 nt 03
2022	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Ktymesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  Lis Envestment function—	03 nt 03 05
2022	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Ktymesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  function  4.4 Envestment function—  marginal Efficiency of	03 nt 03 05
2022	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Ktymesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  Lis Envestment function—	03 nt 03 05
2022	Junit 4 & out put and Employment  4.1 J. B Say's Law of market  4.2 Keynesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  function  4.4 Investment function—  marginal Efficiency of  capital Investment, multiplie	03 nt 03 05
2022	Junit 4 & out put and Employment  4.1 J. B. Say's Law of market  4.2 Keynesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  function  4.4 Investment function—  marginal Efficiency of  capital Investment, multiplie	03 nt 03 05
2022	Junit 4 & out put and Employment  4.1 J. B. Say's Law of market  4.2 Keynesian Theory of Employment  4.3 con consumption function-  concept and Types, factors  influencing consumption  function  function  4.4 Investment function—  marginal Efficiency of  capital Investment, multiplie	03 nt 03 05

Subject Teacher Head of Dept. Printight AL

Subject Teacher Head of Dept.

(T R Sawant) (T R Sawant) Sangli, 415416, [Sangliwadi.]



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2021-2022

Term 1/4 From 01 |10 | 2021 To 24 | 01 | 2022

1) Name of Teaching: T - R Sawant 2) Class: BCom III

3) Title of the Paper : Banking Laws im 4) Date of commencement of Lecture 1-10-2021

5) No. of lectures per week — 64 — 6) Total Lectures required — 60

Month	Topics to be covered (in detail)	No of Lectures required
october	Unit I Banking Laws	(15)
2021	FI Heed and importance of Banking	04
	Laws	
	12 Banking Regulation Act 1949	04
	13 Hew Bank Licensing Policy	03
	2013	
	14 provisions for opening and	04
1400	clusing of bank branches	
	in India	
December	runit 2 - Banking Laws relating	(15)
Hovember	co-operative Banks	
2021	2-1 conference societies Act	03
	1912	
	2-2 mehavershing co-operative	04
	societies Act 1960	
	2-3 multi state corperative	04
	Societies Act 2002	
	Q4 Employees - coroperative	4
	credit societies model	

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	Bye Law in mahanesshory	
e can be	amit III! The Negotiable Instau	(15)
na.l	ment Act 1881 and Amendments	
	3.1 meaning Types features and	03
	parties of Bill of Exchange	
	as a mind feartures and	04
-0.74	Austres of promise	
	a - manning - Typer tearture	04
100	1 parties of children	
	76 protection to a paying kanker	09
	and collecting Banker	
	writ IV : other Releting to Banking	(11)
Januar	Whit IV 6	-
2011	41 Important provisions under	64
	Indian continet to 1872	
1/10	52 garnishes order- meaning	01
	52 GAS PISAL BY SUHER DE	1
4.0	steps and Execution of	
ES	garmishee order	04
	G13 mortgage of Immovable	7
100	now penties and 113 171	0 0 7
	3.4 Bankerng om budemen schem	
	2006	
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Dr. Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING COMPLETION REPORT

Term I/M (2020-2021) 2021- 2022 Term-II

J/Sr/Arts/Science/Complerce Faculty

Sawant Tamasi Rajaram

ectures Date of Completion of portion	
5 30/05/20	22
2 28/05/20	22
4 27/05/2	022
5 28/05/20	12.2
30 05 20	122
11	

Date 30/05/2022

Name & Signature of MNMMe Subject Feacher (T - R Sowmt) PrerincipalL

Or, Patengarao Kadam Mahavidyalaya Sangti-416416.(Sangtiwadi.)



# Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PLANNING 2022-2022 - 2021 - 2022

# Term 1/II From 1 03 2022 To 21 06 2022

- 1) Name of Teacher: T. R. Sawant
  3) Title of the Paper: International Economics II 2) Class: B. A III
- 4) Date of commencement of Lecture: 1 |03| 2022
- 5) No. of Lectures per week-04. 6)Total Lectures required: 60

Month	Topics to be covered (in detail)	No. of required Lectures
March	Module-I: Balance of Trade and Balance	15
2022	of Payments	
	1:1 Balance of Trade and Blance of	(03)
	payment.	
	1.2 Importance of Balance of Paymont	(04)
	1.3 Disequilibrium in Balance of Paymont	5-(04)
	causes and consequences	
	1.4 measures to correct disequilibri-	(04)
	um in Balance of Payments	
April	Module II: Foreign Trade of India-	15
2022	1991	
	2: 1 volume composition and dis	

	direction.	03
	2:2 EXIM folicy of 2014-19	04
	2:3 Trade administration of India.	04
	2.4 convertibility of Ruper: meaning	04
	armit types	
may	Module - III: Foreign capital in India	15
2022	3:1 Need for foregin capital.	03
	32 Types of foregin capital	04
	3.3 foreign capital policy of governmen	404
	of India.	
	3.4 Trends in foreign pirect Invest	04
	ment in India	
June	Module-IV :- Intermational Institutions	15
2011	and India	
100	4:1 IMF: objective and functions.	03
	4.2 IBRD: objective, Functions.	04
148	4.2 ADB: Objective functions.	04
	4.4 WTO: objective, functions.	04
100		
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	English and Louis	
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T. R sawant)

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Head of Dept.

Principal/IL Or. Patengarao Kadam Mahavidyalaya Sangil. 416416.(Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2021-201.2

Term I/II From 103 2022 To 21 6 1 2022

1) Name of Tenching: T. R. Sawant 2) Class: Bcom II

3) Title of the Paper: macro Economics 4) Date of commencement of Lecture 1-3-2022

Paper III.

Month	Topics to be covered (in detail)	No of Lectures required
march	unit I & trade cycles	(15)
2022	+1 meaning features and	03
	TYPES	
	12 Phoses of Trade cycles	04
	13 Theories of Tradecycle	05
	- Howevey and schumpeter	
1,219	14 control of Trade cycles	03
April	unit II ?- public finance	(15)
011	2-1 meaning - Llature and scope	03
2022	The principle of maximum	
73	social Advantage	
	232 public Revenue - menning	05-
	-Tax- Revenue- pirect and	
	Employeet Laker. Westrand	
	Dements - concept of gods	
	and service Tax (9:57)	
	non-Tax Revenue sources	
	2-3 public Expenditure-couses	

of growth and effects.	03
23 PHILLE Expendidure-cal	
ail public pebt-torms or	14 04
the care - Ar frest dimane	mg
abjective and I'm Hacen	n)
unit TIT & -7 International 1	rate (15)
Maria III	
2022 31 concept of Trade-Interna	4 03
and international Trade	
32 Advantage and Disdvantus	12 05
of international Trade	
Ascordian Theory of Intern	attmas
Trade Terms of Trade	nearting
Types and 18 influencing	
factors.	
3.3 Balance of payments-cm	user 04
of disequilibrium measures	of
correct deseguelles um	
3.4 comcepts of free Tree	de 03
and protective Trade	
June Unit- 18 - Rate of Exchange	e (15)
2022	
4:1 concept of Rate of Ex	
42 Types fixed Flexible-	spot os
and future rate of exc	hangt
4.3 purchasing power part	7 04
Theory	2
4.4 modern Theory of sure	0.3
exchange	

Dernue Donne Dept.

Subject Teacher Head of Dept.

(TR Sawant) Or Passingatao Kadam Mahavidyalaya

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Sangit 416416. (Sangitwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2011-2012

# Term 1/11 From 1 1031 2022 To 21161 2022

1) Name of Teaching: T. R Sawant 2) Class: B. A III

3) Title of the Paper: History of Economic
Thoughts Parer Holf 4) Date of commencement of Lecture 1103 | 2022

Month	Topics to be covered (in detail)	No of Lectures required
march	Unit-1 & Neo-classical Economic	(15)
2022	Thoughts - Alfred marshall	
	1-1 Theory of value	03
	1.2 The concept of Represen	04
	tative firm	
	13 consumers surplus and	04
	Elasticity of demand	
	14 quasi Rent	03
April	Unit 22-Indian Economic Thoughts	(15)
2022	2.1 mahatma phule-views on	04
	agriculture and education.	
	22 Rajarshi shahy maharasi	04
	policy for agriculture develop	
	ment and coroperation	
	2.3 Dr Babasaheb Ambed Kar-	04
	views on agriculture and	
	Views on money	
	2.4 padabhai Hauresi - Drain Theory	03

max	unit III & mahatma fandhi	(15)
MAY	3.1 concept of village development	- 03
2022	no Importance of decomposition	04
	33 Basic principles of development	05
	34 concept of Knam-swaresya.	03
	3.4 Courters of the	
	Unit IV Economic Thoughts of	(15)
JUME	modern Economies	
2022		
	47 Gopal Krishna Gokheles	03
	views on public timatic	
	1.0 B R 50 doll - VITUS 011	04
	I man percettive develor	
- 111	and decempre 12 ution of fower	
	2001 9	
	43 V.m Dandekars Views	04
-(410)	Poverty	
18/12	4.4 sem's views on poverty	04
60	and public action	3.7
	Amartya sem - choice of	
- 4.0	techniques.	
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Head of Dept.

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Subject Teacher

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Sangit 416416.(Sangiiwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2011-2012

# Term I/II From 1 1031 2022 To 21161 2022

1) Name of Teaching: T. R Sawant 2) Class: B. A III

3) Title of the Paper: History of Economic Date of commencement of Lecture 1103 | 2022

Month	Topics to be covered (in detail)	No of
	ENTRY LEADING THE R. W. DAY	Lectures required
march	Unit-1 & Heo-classical Economic	(15)
2022	Thoughts - Alfred marshall	
1-3	1-1 Theory of value	03
	1.2 The concept of Represen	04
	tative firm	
	1.3 consumer's surplus and	04
	Elasticity of demand	
	14 quasi Rent	03
April	Unit 22 Indian Economic Thoughts	(15)
2022	ou mahatma phule- views on	04
	agriculture and education.	
	22 Rusarshi shahy mahares	04
	policy for agriculture develop	
	ment and co-operation	
	2.3 Dr Rabasaheb Ambed Kar-	04
The line	views on agriculture and	
	Views on money	
	2-4 padabhai Haurosi - Drain Theory	03

	Lang Gandhi	(15)
may	unit III & makatma fandhi 3.1 concept of village develorment	03
022	31 concept of vinage attractized	04
	32 Importance of decontralized	
	33 Basic Principles of development	03
	34 concept of fram-swarms49.	
	unit IV Economic Thoughts of	(15)
	Unit IV Economic Time	-
June	modern Economics	
2022		03
	4:4 Gopal Krishna Gokheles	
	Views on public finance	-
	0 0 60 4411 - 11465	04
	DOWN OF HILL BUT OF THE PARTY O	
	and decempral 12 action of power	
	43 Vim Dandekars Views	04
	poverty	
	THE RESERVE OF THE PARTY OF THE	
- 50	4.4 sens views on poverty	04
12.13	and public action	160
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Dr. Patengarao Kadam Mahavidyaleya

Sangli 416416 (Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 201 |-2012

Term #11 From 1103 | 2027 To 21161 2022

1) Name of Teaching: T. R Sawant 2) Class: BAII 5) No. of lectures per week — 6) Total Lectures required — 60

---- 6) Total Lectures required ----- 6.0

Month	Topies to be covered (in detail)	No of Lectures required
march	unit Il Inflation	(15)
The second second	FI meaning, Definitions	04
2022	and Types of Inflation	
	12 causes of inflation	03
	1.3 Effects of inflation	04
	1.4 Remedies to countral inflation	04
APOIL	unit II & Tonde cycles	(15)
2022	2-1- meaning and features	04
	of Trade cycles	
	2-2 Phases of Trade eyeles	04
	2-3 Theores of Trade eyeles	05-
	Hawtry and schumpeter	
	3.4 control of Trade exclas	03
may	unit-III & Public finance-I	(15)
may	3.1 public finance-meaning	04
2022	Hature and scope	
	3: 2 The principle of maximum	

	social Advantage	04
	3.3 Taxetion - Direct and	04
	Indirect Taxes. meaning,	1
	merits and pemerits	
	3.4 Budget: Budgetary process	0.3
June	unit 4 & public france II	(15)
2022		
	4.1 public Expenditure-mouning	04
	concept and growth of public	
	Expenditure	
	422 public pebt- meaning	03
	Sources and Effects	
	4.3 Defrest from orng-meaning	- 1
	Types and methods	04
1	A second	04
1317	objectives and Instrument	
No.	Carlotte Survey Pursuament	3
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Subject Teacher Head of Dept. Princhtspall

(T. R. Sawant (T. R. Sawant) Br. Patongarao Kadam Mahavidyalaya
Sangil-416418 (Sangliwadi.)



Dr.Patangrao Kadam Mahavidyalaya, Sangli

# TEACHING PROGRAMME 2021-2012

Term+II From 1 103/2022 To 21/1/2022

1) Name of Tenching: T. R. Sawant 2) Class: Bcom III

3) Title of the Paper Bank management practices paper III 4) Date of commencement of Lecture 1-3-2022

Month	Topics to be covered (in detail)	No of Lectures
	the state of the s	required
march	Unitge Administrative structure	(15-)
2022	of Bank Head office	
	1-1 Importance of Haud office	03
2.5	12 Administrative stancture	04
	of Bank Head office	
	13 peparatment in Head office	04
	of the bank and functions	
	14 Duties and Responsibilities	04
	OF CEOIMD	
Amil	Unit II 8-1 Adminstrative structure (	15-)
2022	of Regional and Zozal office.	
	2-1 Importance of Zonal and Regiona	04
	212 Administrative structure of	04
160	Zonal offices	
	213 Administrative structure of	04
	Regional office	

	2:4 Role and Responsibilities	03
	Regional Izonal manager	
may	Unit III by Bank Branch management	(15)
2022	7:1 structure of Bank Brancher	0.3
	342 General Administrative	04
	Structure of Bank Branch	
	3.3 putres and Responsibilities	04
	of office Incharge of Deposit	
Harris .	section.	
412,411	7:4 Role and Responsibility of	04
	constitut Role of Branch	
93	manger.	
June	Unit IV & Banking Business Preich	TT (15)
2022	411 principles of Barnting Fin Por	04
(30)	forme of Banking primeiples	
	42 Investment policy of the	04
8.0	Bank	
100	4.3 Internel and statutory	03
	Adult of the Bank.	
40	he statute send scope of	04
76	At Audit Importance of	
far.a	Audit	
	Carlotte de	
(1)	Manager Annual Contraction	Licita
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Dhawe Dawe Subject Teacher Head of Dept.

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Or. Pakingarao Kadam Mahavidyaleya Sangli, 415416 (Sangliwadi,)



# Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli

# Teaching Plan 2021 -2022 Term I/II from 01 03/107/10 30/107 4022

1. Name of Teacher: D& A. R. Supa	2. Class: M. Sc. 11
3. Title of Paper: Advanced Methods.	4. Date of commencement:
5. No. of lectures per week: 01	6. Total lectures required: 15

Month	Points to be covered	No. of lectures required
	Unit 1:- + Inorescence and Phospherescence	
	(spectrometry	
March	Introduction to photochemistry -	02
	Fluorinety, types of luminastermos-	- 01
	7	- 01
	Theories of Fluorescence and o	
	Phospherescence	01
Amil	electronic transition, structural of	01
	factors.	0.1
	Salvatochromism, Salvation dynamia-	- 01
	Faith of excited state moletule,	
	solvent effect	01
	Effect of intermolecular process, o	
	flyorexence anisotropy and time	
	domain flyoresomie lite time	02
	measuremen	)
May	Relation between conf. with F&P.	) 01
4	intensity	)

	Fluorescence Quenching mechanism	01
	FRET -	- 01
	Chemiluminiscence, F-sensing,	
	synchronous opernum	201
	Francescent namomaterials,	
	Practical applications, examples and	
Tyne		601.
3 4110	problems in analytical Chemistry	
	and Research	
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Subject Teacher
(Dr. A. R. Jupala

Head of Department

PPrincipas L. Or. Patengarao Kadam Mahavidyalaya Sangil.-416416 (Sanglivradi.)



Teaching Plan 2021 -2022 Term//II from 02/03/2022 to 30/06/2022

1. Name of Teacher: Dr. A.	Risupale		2. Class	: M.10-1.
3. Title of Paper: Physical	Chemish 4	Date of commence	ment:	02/03/2022
5. No. of lectures per week:	21 10	6. Total lectures requ	iired	15.

Month	Points to be covered	No. of lectures required
March	Unit I Photochemishy	
	Absorption of light, laws of	)
	Photochemism, dectronic structure	01
	of molecule	
	Molecular orbital, electronically ,	
	excited states, designation based	01
	on multiplicity rule	7
	Frank Condon Principle, selection of	
		01
	Jablonski diagram: Photophysical	
	pathways - radiative and non -	01
	radiative transitions	
	Pre-dissociation-photodissociation	-01
	Prompt fluorestenie, delayed o	
- Maria	fluorescence	01
***	Phospherescence -	01
	Quenching - Storn-Volmer equata-	- 01

	Quenching by extimes, exciplex -	01
	FRET process - Critical energy	)
	transfer distance -	301
	Examples and applications in	
	chemical Analysis	101
DEIT	Photo axidation -	-01
	Photo reduction -	-01
	Photodimen's atom and photosenithus	1
	Deactions	501
	Green house effect -	-01
1	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	
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Subject Teacher
(Dr. A. R. Jupale)

Head of Department

Matter Haring

Or. Patengarao Kadam Mahavidyalaya Sangli -416416 (Sangliyodi.)



# Teaching Plan 2021 - 2022 Term // II from 02/03/2021 to 30/06/2022

1. Name of Teacher: Dr. A	R. supak		2. Class	B.Semi
3. Title of Paper: Physical	Chemishy	4. Date of commence	ement:	02102/2021
5. No. of lectures per week:	The state of the s	6. Total lectures req		24

Month	Points to be covered	No. of lectures required
	Unit I Thermodynamics	
	Introduction. Free Energy: albes in	
	function and Helmholtz Function	01
	Conteston for thermodynamic equilibria	1
	and spontantity	(0)
	Cubbs Helmholltz equation -	-0)
	Variation of a and A -	01
Test	Clapenyron-Clausius equations o	
	and appreations	02
	Thermodynamic derivation of	7
	law of mass action	Jal
	Van't Hoff Isotherm and Isothere-	- 01
	Fugacity and activity concepts	
	Partial Molar quantities, PMV	101
1214	Concept of Chemical Potential,	
- 1	Gibbs Dukem equation . T	07
	Humerical Problems -	01

Unit 3 The solld state	
Introduction: Space lattice, lat	
sites, planes and unit Cell	7 01
Laws of crystallography	01
Welss and Miller Indices	
Cubic lattre and types -	J.
planes or faces or sample cubi	T. P.
system spacing of lettle pl	ann J
Difference of X-rays, Boa	29 701
Determination of cryotal stru	cture 2
OF HACI & KCI	701
Humerical problems	-01
Unit 4 Chemical Kinetics.	To a A
Introduction	01
Opposing reaction - derivation	m - 91.
side reactions	- 01
Consecutive reactions	01
chain reactions	- 61
Explosive reactions	01
	- OV

Subject Teacher

(Dr. A. R. Supale)

Head of Repartment

Perincipplat

Or. Patangarao Kadam Nahavidyalaya Sangil. 416415 (Sangiliyadi.)



# Teaching Plan 20 21 - 20 22 . Term I/V from 01/01/2021 to 21/01/2021

1. Name of Teacher: Do P. Supale. 2. Class: M. St. II

3. Title of Paper: Electroan alghi cel. 4. Date of commencement: 01/101202

5. No. of lectures per week: 01 6. Total lectures required: 15

Month	Points to be covered	No. of lectures required
Sept	Unit I - Voltammehy Techniques	
	Introduction and Principle -	01
	Excitation signeds in voltammely -	- 01
	Basic instrumentation based on ,	
	operational amplifiers.	01
	Voltammetric electrodies -	- 01
	Cyclic Voltammetry - Instrumentation	
octobes		- 01
	Applications of CV -	- 61
	Modified electrodes	- 61
	Shapping voltammety -	^
Movembe	Asv and CSV	01
	Adsorptive Stopping methods -	)
1	Steps involved in suppling V -	5 01
- Ibard	Voltammely with microelectrode	- 51
Detembe	Pulse voltammeny Hormal q	
	and Revene pulse	01

	Differential phose us Hammely	0)
	Square wave voltammely .	- 51
	Analytical Applications	02_
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Propally Subject Teacher (Pr. A. R. Supale)

Head of Department

PPHIN CIPAL

Or. Patengarao Kadam Mahavidyalaya
Sengil 416416 (Sangilwadi.)



# Teaching Plan 2021 -2021 · Term I/M from 01 08 /2021 to 91101/2021

1. Name of Teacher: Dr. A. R. Supale	2. Class	e Masery
3. Title of Paper: Env. Chem. Analy &	4. Date of commencement:	01/10/2021
5. No. of lectures per week: 61 Contact	6. Total lectures required:	15-

Month	Points to be covered	No. of lectures required
octobes	Unit I Electrochemical and Spectral	
	methods of Environmental Analysts:	
	Introduction to instrumental technique	-01
	Panriple instrumentation and application	
	with respect to environmental analy-	
	sis by -	
		- 02
Noupmbu	2) Potentionetry -	01
	(1	01
	CHI WALLEY CONTRACTOR OF THE C	- 01
Detembe		01
		01
	7) Atomic absorption spectomorpy	- 02
	8] ICP -	02
January	87 Turbidinety -	01
4	101 NDIR 9	01
	Applications or all the	Luit v

	methods related with environ-	01
	mental concern.	
	-	
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Subject Teacher (Dr. A. R. Jupale)

Head of Department

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Or. Patengorao Kadam Mahavidyalaya Sangii.-416416.(Sangiiwadi.)



#### Teaching Plan 2021 -2022 Term I/U from 01 /dg/2021 to 31/01/2022

1. Name of Teacher: Dr. A. R. Supale 2. Class: M. So I 3. Title of Paper: Physical chemistry 4. Date of commencement: 01/10/2022 5. No. of lectures per week: 02 6. Total lectures required: 3.0

Month	Points to be covered	No. of lectures required
	Unit 2 - Thermodynamics.	
october	Introduction, Revision at basic -	01
	concepts	
		)
	dynamics, Entropies of phase	601
	transitions	
100	methods of determining the practical	2
	methods of determining the practical absolute entropics.	301
	Maxwell relations	
Novembe	Applications or maxwell relations	
	thermodynamic equation of state	_01
	Ideal and non Ideal solutions, -	-01
	Repultis law , Duhem-Mergutes equation	_ 01
	applications to Vapour Pressure ?	
	[WAS	
Detember	peartal molar quantities. alibbs. 2	0.1
	partial motor quantities. albes. 7 Duhem equation	01

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Chemical potential, variation of	101	
u wrt 7 & P.	00	
Henrys 190	1	
Excest and Mixing thermo. Propin		
Equilibrium contams.	-01	
Numerical problems.	- 01	
Unit I :- Statistical Thermodyna	mics	
Probability and dishibution -	- 01	
Chirling approximation -	- 01	
		0
Vagnes and configuration, the ?	01	
most probable configuration	1	
Ensembles, ensemble average &	101	
time average, statistical equ'	1	
January Thermodynamic probability, MB distribution law	101	1
distribution law	1	1
partition function and significance	0.2-	
Rotational, translational P.F	- 01	4
Vibrational & electronic . P.F.	01	1
Relationship between p. F and	2	
thermodynamic propostles.	5 62	
Baltzmann Planck Equation	-01	
parrition function and third law	)	
Paxining indecion	201	Ì
or thermodynamics.		

	Sackur Tetrade equation 01
ī	emplications to distance molecules?
	Statistical expression for equilibrating 01
	constant
	Limitations of MB. distribution ?
	Mumerical problems.

Subject Teacher (Dr. A. R. Jupale)

Head of Department

Or. Patangarao Kadam Mahavidyalaya Sangli, 416415 (Sangliwadi.)



Teaching Plan 2021 -2021
Term I/II from 01/0 3/1014 to 24/01/1022

1. Name of Teacher: Dr A R. Supe	Le 2. Class: B. Se.TI
3. Title of Paper: Physical Chemish	4. Date of commencement: 16 148 /1024
5. No. of lectures per week: 01	6. Total lectures required: 17

Month	Points to be covered	No. of lectures required
August	Unit I - Physical Propostics of Mquid Introduction - Classification of propostics -	
0	Introduction - Classification of properties -	-01
	Surface Tension - Phenomenon	)
	determination using stalagmometric	01
	11-11-10	
September	S-7- determination using differential capillary rise method, them. P. on s.7	201
6	capillary rise method, them. P. on s.7	
	Viscosity and determination wing .	\
	astualds discometer	01
	Retrartive Index, specific and	)
	molexular refractivities using	7 01
	abbeis Refractometer	
	Humonical problems -	
October	Unit V - Chemical Kinetics.	
Bres	Introduction, third order reactions	
	Destuation	0.1
	Characteristics and examples as reaction	- 01

Paurmber	Collision Theory - 01
	Transition state Theory - 02.
	Unit on Suctors Chemistre
	Unit TI - surface Chemistry
eadin Dap	phenomenon. Basic terms
	Factors affecting adsorption - 01
	etypes or advorption and distinction)
detember	between physical and chemical of.
	adsorption
	Freundlich Adsorption Tootherm - 01
	Largenier adsorption Isotherm -01
- 10	Types of physical adjosphon 7 01.
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Sybject Teacher (Dr. A. R. Supale)

Head of Department

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Or. Patengarso Kadam (šahavidyalaya Sangti-410416 (Sangtiwadi.)

### **Teaching Completion Report**

Term I/II (2021 -22 22)

#### Senior Science Faculty

I Dr. Amit R. Supale, Assistant Prof. of Department of Chemistry hereby affirm that, I have fully and comprehensively completed teaching in following papers during the Term 1/11 [202] -20 22.]

	Engaged	portion
Physical Chemistry-(P-XV)	25	oglospon
Physical Practicals.	54	15105/2012
	09	11/06/2022
	08	18/05/2022
Chemical analysis.		
	1	
	Physical Chemistry (P-XV)  Physical Praeticals.  Physical Chemistry II  Advanced methods of  Chemical analysis.	Physical Practicals. 54  Physical Chemishyr II 09  Advanced methods of 08

Date 30 06/2022

(fr. A. R. Supale)

Or. Palangarao Kadam Mahavidyalaya Sangit-415412 (Sengilwadi.)

#### **Teaching Completion Report**

Term 1/H (2021-2022)

#### Senior Science Faculty

I Dr. Amit R. Supale, Assistant Prof. of Department of Chemistry hereby affirm that, I have fully and comprehensively completed teaching in following papers during the Term 1/V(20 2( -20 2/2.)

Sr. No.	Class	Name of Paper	Total Lectures/ Practicals Engaged	Date of completion of portion
1.	B.Sc.II	Physical Chemishy-(PV)-	24	15/01/2022
2.	B.Sc. III	Physical Chemisty - (P-xi)-	- 36	27/01/22
3	M.Sr. 1	Physical chemisty -I(P-III)	29	04/02/22
4.	M.Sc.II	Electroanalytical techniques; S Environmetal analysis	22	16/51/22
	B Sc.TT	Physical Preckeds.	03	_

Date: 28/01/2022\_

Propale (Dr. A. R. Supale)

PRIMERPAL

Or, Patengarao Kadam Mahavidyalaya. Sangii 414000 (Banoliwadi.)