



**Maratha Vidya Prasarak Samaj**

**G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik**

**Affiliated to Savitribai Phule Pune University, Pune**

**Best College Awarded by SPPU2012-13**

**www.gmdcollege.in**

**ISO 9001:2015 Certified College**

**Id.No.PU/NS/ASC/013/1969**

**AISHE:C-41292**

**sinnarcollege001@yahoo.com**

## **INTERNAL QUALITY ASSURANCE CELL**

### **CRITERION 1: CURRICULAR ASPECTS**



## **SYLLABUS COMPLETION REPORT**

**2021-22**



**Maratha Vidya Prasarak Samaj's**  
**G.M.D. Arts, B.W. Commerce**  
**& Science College, Sinnar**

Tal. Sinnar, Dist. Nashik - 422 103 (M.S.) INDIA

**Best College Award by Savitribai**  
**Phule Pune University 2012-13**

**Dr. P. V. Rasal**

(M.A., LL.B., Ph.D.)

Member : B.O.S. (Psychology)

Savitribai Phule Pune University

E-mail : rasalpundlik@gmail.com

Affiliated to Savitribai Phule Pune  
University ID No. : PU/NS/ASC/013/(1969)

Junior College No. J.13.13.001

HTE Sevaarth ID - 06220100119\_AST AISHE - C - 41292

Ref. No. 537/2023-24

Date : 13/07/2023

### DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data, provided links, institutional data, photographs etc. submitted/presented herewith is verified by Internal Quality Assurance Cell (IQAC) of this college and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for the 4<sup>th</sup> Cycle during the period from 2017-2018 to 2021-2022.

Date: 13/07/2023

Place: Sinnar

**Dr. C. E. Gurule**  
**Coordinator, IQAC**  
**Co-ordinator**  
**IQAC**

G. M. D. Arts, B.W. Commerce & Science  
College, Sinnar, Dist. Nashik 422103



**Dr. P. V. Rasal**

**Chairman, IQAC and Principal**

**PRINCIPAL**

G.M.D.Arts, B.W.Commerce and  
Science College, Sinnar,Dist.Nashik



Maratha Vidhya Prasarak Samaj's  
G.M.D. Arts, B.W. Commerce and Science College Sinnar

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Defence & Strategic Studies

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Mr.Pawar Rajendra Vishwanath



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation of India	48	100 %	Nil	NA	-
SYBA(S1) (Sem-III)	A	INDIA'S INTERNAL SECURITY - I (23271)	1.National Security of India 2.Internal Security 3.Social Problems in India and its effects 4.Regionalism in India	45	100 %	Nil	NA	-
TYBA-G3 (Sem-V)	A	INDIA'S NATIONAL SECURITY POLICY AND STRATEGY - I (35273)	1.National security 2.National Security Decision Making Process 3.India's foreign policy 4.India's Defence policy	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA-S3 (Sem-V)	A	INTERNATIONAL ORGANIZATION (35271)	1. United Nations Organization 2. Structure of UN 3. Role of UN 4. World Trade Organization (WTO) and World Health Organization (WHO)	49	100 %	Nil	NA	-
MA (Sem-I)	A	DS-1.1- KEY CONCEPT OF NATIONAL SECURITY AND STRATEGIC STUDIES	1. Key Concepts 2. Conceptual Understanding of Security and National Security 3. Conceptual Understanding Strategic Studies 4. Security and Strategic Issues	48	100 %	Nil	NA	-

Signature of faculty

**HEAD**

**Department of Defence &  
Strategic Studies**  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik

**Principal**

G. M. D. Arts, B. W. Commerce and  
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**G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik**  
**Department of Defence & Strategic Studies**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**


**Name of the Faculty: - Mr.Pawar Rajendra Vishwanath**

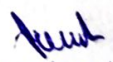
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INDIA'S NATIONAL SECURITY (11272)	1.Meaning and Concept of National Security 2. Challenges to India's National Security 3. Non-conventional Threats to India's National Security 4.India's Indian Ocean Policy	48	100 %	Nil	NA	-
SYBA(S1) (Sem-IV)	A	INDIA'S INTERNAL SECURITY - II (24271)	1.Jammu and Kashmir Problem 2.Naxalite Problems 3.Terrorism 4.Cyber Crime in India	45	100 %	Nil	NA	-
TYBA-G3 (Sem-VI)	A	INDIA'S NATIONAL SECURITY POLICY AND STRATEGY - II (36273)	1.India's Maritime Policy 2.Non Aligned Movement 3.India's Look East and Act East policy 4.India's South Asian Policy	45	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA-S3 (Sem-VI)	A	REGIONAL ORGANIZATIONS (36271)	1.SAARC(South Asian Association For Regional Cooperation) 2.EU (European Union) 3.ASEAN ( Association of Southeast Asian Nations) 4.OPEC (Oil Products & Experts Countries Organization (OPEC) 5.BIMSTEC 6.BRICS	45	100 %	Nil	NA	-
M.A (Sem-II)	A	DS-2.1-PEACE AND CONFLICT STUDIES	1.Understanding Peace and Conflict 2.Conflict Management and Conflict Resolution 3.UN System of Managing and Resolving Conflict 4.Conflict, Peace and Security	48	100 %	Nil	NA	-

  
Signature of faculty

  
**HEAD**  
**Department of Defence & Strategic Studies**  
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G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Defence & Strategic Studies  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Mr.Khurche Dipak Kachru**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation of India	48	100 %	Nil	NA	-
FYBA (Sem-I)	C	DEFENCE ORGANISATION OF INDIA (11271)	1 Reconstruction of Indian Armed Forces after 1947 2 Higher Defence Organisation of India 3 Defence Mechanism of Indian Armed Forces 4 Intelligence Organisation of	48	100 %	Nil	NA	-





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			India					
<b>SYBA(G2) (Sem-III)</b>	<b>A</b>	<b>CHHATRAPATI SHIVAJI MAHARAJ AS A NATION BUILDER (23273)</b>	1.Rise of Maratha Power 2.Swarajya Building 3.Shivaji and Adilshahi 4.Shivaji and Mughal	45	100 %	Nil	NA	-
<b>SYBA(S2) (Sem-III)</b>	<b>A</b>	<b>GEOPOLITICS - I (23272)</b>	1.Geopolitics 2.Evolution of Geopolitical Thoughts Since 19th Century 3.Maritime Boundaries and Territorial Sea 4.Geographical factories affecting War	45	100 %	Nil	NA	-
<b>TYBA-S4 (Sem-V)</b>	<b>A</b>	<b>CONTEMPORARY WARFARE (35272)</b>	1.War 2.Conventional Warfare 3.Revolutionary War and Low Intensity Conflicts 4.Chemical and Biological Warfare	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-I)	A	DS-1.2- GEOPOLITICS AND MILITARY GEOGRAPHY	1. Understanding Geopolitics 2. Geopolitics during the Cold War Period 3. Critical Geopolitics and Contemporary Discourse 4. Geostrategic Importance of Contemporary Issues	45	100 %	Nil	NA	-

Signature of faculty

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Department of Defence &  
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G.M.D. Arts, B.W. Commerce and  
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G. M. D. Arts, B. W. Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Defence & Strategic Studies

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Even Semester)




Name of the Faculty: - Mr.Khurche Dipak Kachru

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INDIA'S NATIONAL SECURITY (11272)	1. Meaning and Concept of National Security 2. Challenges to India's National Security 3. Non-conventional Threats to India's National Security 4.India's Indian Ocean Policy	48	100 %	Nil	NA	-
FYBA (Sem-II)	C	INDIA'S NATIONAL SECURITY (11272)	1. Meaning and Concept of National Security 2. Challenges to India's National Security 3. Non-conventional Threats to India's National Security 4. India's Indian Ocean Policy	48	100 %	Nil	NA	-
SYBA(G2) (Sem-IV)	A	CHHATRAPATI SHIVAJI MAHARAJ MILITARY SYSTEM (24273)	1.Organization of Maratha Army under Shivaji Maharaj Building 2.Ch Shivaji as a Guerilla Leader 3.Organization of Fort under Shivaji Maharaj	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4.Ch Shivaji the Father of Indian Navy					
SYBA(S2) (Sem-IV)	A	MILITARY GEOGRAPHY (24272)	1.Military Geography 2.Geo-strategy 3.Geography and Warfare 4.Warfare in different Terrains	45	100 %	Nil	NA	-
TYBA-S4 (Sem-VI)	A	MODERN WARFARE (36272)	1.War 2.Conventional Warfare 3.Revolutionary War and Low Intensity Conflicts 4.Chemical and Biological Warfare	45	100 %	Nil	NA	-
MA (Sem-II)	A	DS-2.2-DEFENCE ECONOMICS	1. An introduction to the study of Defence Economics 2.Critical Analysis of Defence Expenditures 3. Economic Instruments of Security Policy 4.India's Defence Expenditures	45	100 %	Nil	NA	-

  
Signature of faculty

  
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G. M. D Arts, B. W. Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Defence & Strategic Studies

**Syllabus completion Report - Year -2021-22**

**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Mr.Zade Sagar Balu**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-I)	A	DS-1.3- INTERNATIONAL RELATIONS	1. Theories and Approaches to International Relations 2. War as an instrument in International Relations 3. Evolution of International Economic Issues 4. Other IR issues	48	100 %	Nil	NA	-
MA (Sem-I)	A	DS-1.4- INDIA'S DEFENCE AND FOREIGN POLICY	1. India's Security Scenario 2. India's Strategic and Security Environment 3. Foreign Relations of India 4. Indian Foreign Policy	45	100 %	Nil	NA	-



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MA (Sem-III)	A	DS-3.1- CONTEMPORARY AND CRITICAL SECURITY STUDIES	1. Basic Concepts 2. Contemporary Geostrategic Landscape 3. Non-Military Dimensions of Security: Contemporary issues of Strategic Importance 4. Introduction to Critical Security Studies	45	100 %	Nil	NA	-
MA (Sem-III)	A	DS-3.2-INDIA'S DEFENCE MANAGEMENT AND NATIONAL SECURITY APPARATUS	1. Higher Defence Organisation in India 2. The Indian Armed Forces – Role in peace and war time 3.The Police Forces – Role in Internal Security, Law and Order 4. Organisation of Intelligence in India 5. India's Overall Security Perspectives and Defence Preparedness	48	100 %	Nil	NA	-
MA (Sem-III)	A	DS-3.3- CONTEMPORARY AND CRITICAL SECURITY STUDIES	1. Introduction to Research in Humanities and Social Science and its scope 2. Methods of Explanation: Inductive and Deductive approaches 3. Behavioral Approach, Systems Analysis, Structural Functional	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Analysis. 4. Research Designs and Methods 5. Methods of Data Collection 6. Data processing 7. Academic: Report / Thesis writing					
MA (Sem-III)	A	DS-3.4-INDIAN MILITARY HISTORY	1. Defining Military History of India 2. Historiography of the Military History of India (Approaches) 3. Military History of the Medieval India 4. The British Period 5. History of the Indian Military from 1947 to 2000	48	100 %	Nil	NA	-

Signature of faculty

**HEAD**

**Department of Defence &  
Strategic Studies**

G.M.D.Arts, B.W.Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Defence & Strategic Studies  
Syllabus completion Report - Year -2021-22  
(P.G.) (Even Semester)

Name of the Faculty: - Mr.Zade Sagar Balu

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-II)	A	DS-2.3- INDIA'S NATIONAL SECURITY	1. Comprehensive understanding of India's National Security 2. Challenges and Threats 3. Approaches to the problem of Internal Security 4. Case Studies in India	48	100 %	Nil	NA	-
MA (Sem-II)	A	DS-2.4- UN SYSTEM AND GLOBAL SECURITY	1. The Structure of the United Nations 2.UN in Global Peace and Security 3. Reforming the United Nations 4. Transnational civil society actors and the quest for security	45	100 %	Nil	NA	-






Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA (Sem-IV)	A	DS-4.1- INDO-PACIFIC SECURITY ARCHITECTURE: CHALLENGES AND PROSPECTS	<ol style="list-style-type: none"> <li>1. The Idea of Indo-Pacific</li> <li>2. Power and Security Architecture and Power Shifts in Indo-Pacific</li> <li>3. Traditional and Non-Traditional Dimensions of Security in the Indo-Pacific</li> <li>4. The Grand Strategies of the Great Powers in the Indo-Pacific</li> <li>5. Prospects and Challenges in Indo-Pacific Security Architecture</li> </ol>	45	100 %	Nil	NA	-
MA (Sem-IV)	A	DS-4.2- INDIA'S NATIONAL SECURITY	<ol style="list-style-type: none"> <li>1. Conceptual Understanding of India's National Security issues</li> <li>2. Challenges and Threats</li> <li>3. Approaches to the problem of Internal Security</li> <li>4. Case Studies in India</li> <li>5. India's External Security Environment and Policy options</li> </ol>	48	100 %	Nil	NA	-
MA (Sem-IV)	A	DS-4.3- INDIA'S EXTERNAL SECURITY ENVIRONMENT AND POLICY OPTIONS	<ol style="list-style-type: none"> <li>1 Introduction</li> <li>2. Historical and Current situation</li> <li>3. The Law and Maritime Security</li> <li>4. Preventing Measures and Security Procedures</li> </ol>	45	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			5. Actual events 6. Threats to the maritime transport industry					
MA (Sem-IV)	A	DS-4.4- INDIAN STRATEGIC THOUGHT AND CULTURE	1. Conceptualizing Strategic Culture 2. Strategic Culture and International Relations Theory 3. Understanding Indian Strategic Culture 4. Sources of Indian Strategic Culture 5. Strategic Culture and National Security Policy Making 6. Strategic culture and use of forces 7. Applying Strategic Culture in Indian context	48	100 %	Nil	NA	-

  
Signature of faculty

  
**HEAD**  
Department of Defence & Strategic Studies  
G.M.D.Arts, B.W.Commerce and Science College, Sinnar, Dist. Nashik

  
**Principal**  
G. M. D Arts, B. W. Commerce and Science College, Sinnar Dist. Nashik

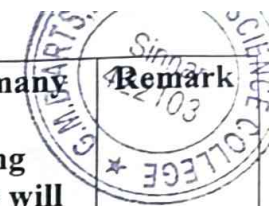


**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Arun Ambadas Pote**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit 5: Legislature Unit 6 : Executive Unit 7 : Judiciary Unit 8 : Electoral System	48	100 %	Nil	NA	-
SYBA SPL II (Sem-IV)	A	POLITICAL JOURNALISM (24162 )	Unit 5: Indian Political Process & Journalism Unit 6: Mediatization of Politics Unit 7: Media & Public Opinion Unit 8: Challenges before Political Journalism	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	PUBLIC ADMINISTRATION SEM VI, (SPL- III)	Unit 1: Bureaucracy Unit 2: Personnel Administration Unit 3: Budgeting Unit 4: Accountability and Control	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA I, (Sem-II)	A	PO-C6: Public Policy	1. Public Policy 2. Major Approaches 3. Public Policy in Action 4. Shaping of Public Policy 5. Public Policy Development 6. Globalization and Public Policy	30	100 %	Nil	NA	-
MA II (Sem-IV)	A	PO-C12 Politics and Society	1. Introduction 2. Inter-relationship between Politics and Society 3. Politics, Society and Economy 4. Social Movements and Development	30	100 %	Nil	NA	-



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

**Department of Political Science**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**



**Name of the Faculty: - Dr.Rajendra Dilip Agwane**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA G2 (Sem-III)	A	Introduction To Political Ideology C.C.1C (23164)	Unit 1: Ideology Unit 2 : Nationalism Unit3 : Democratic Socialism Unit4 : Fascism	48	100 %	Nil	NA	-
TYBA G3 SEC 2A (Sem-V)	A	Modern Political Analysis CC 1E (35163)	Unit 1: Introduction to Modern Political Analysis Unit 2 : Political System Unit 3: Political culture Unit 4: Political Socialization	48	100 %	Nil	NA	-
MA I, (Sem-I)	A	PO-C3: Political Institutions in India	1. Nationalist legacies 2. Federal institutions 3. <b>Executive</b> 4. Legislature 5. Judiciary 6. Welfare, Regulation and Security	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA II (Sem-III)	A	PO-C8 Political Sociology	<ol style="list-style-type: none"> <li>1. Nature and Scope</li> <li>2. Intellectual Foundations</li> <li>3. Political culture and Socialization</li> <li>4. Political Participation and Public Opinion</li> <li>5. Political Development and Change</li> </ol>	60	100 %	Nil	NA	
MA II (Sem-III)	A	PO-O9 Indian Administration – Structure and Organization	<ol style="list-style-type: none"> <li>3. Civil Services in India</li> <li>4. State Administration</li> <li>5. Issues in Indian Administration</li> </ol>	30	100 %	Nil	NA	-

**Department of Political Science**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

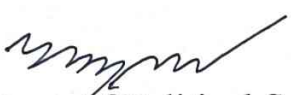



**Name of the Faculty: - Dr.Rajendra Dilip Agwane**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA G2 (Sem-IV)	A	Introduction To Political Ideology C.C.1D (24164)	Unit 5: Marxism Unit 6 : Phule-Ambekarism Unit 7 : Gandhism Unit 8 : Feminism	48	100 %	Nil	NA	-
TYBA G3 SEC 2A (Sem-VI)	A	Modern Political Analysis (36163)	Unit 5: Political Participation Unit 6 : Political Elite Unit 7 : Political Communication Unit 8 : Power, Influence, Authority and Legitimacy	48	100 %	Nil	NA	-
MA I, (Sem-II)	A	PO-05: Politics and the Media	1. Media, Politics and Democracy 2. Media and Political Socialization 3. Effects of Media on Public Opinion and Political Processes 4. Election Campaigns, Awareness and Propaganda 5. Governing through the Media 6. New Media, Social Movements and Collective Action	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA II (Sem-IV)	A	PO-C11 Political Process in India	1. Nature Of party and electoral politics 2. Centre –State Financial Relations 3. Centre-State Political Relations 4. Social Determinants of State Politics 5. Politics of mass mobilization	60	100 %	Nil	NA	-
MA II (Sem-IV)	A	PO-C12 Politics and Society	3. Politics, Society and Economy 4. Social Movements and Development 5. Issues in Society and Politics	30	100 %	Nil	NA	-

Signature of faculty

  
 Head, Dept. of Political Sci.  
 HEAD  
 DEPARTMENT OF POLITICAL SCIENCE  
 G.M.D. Arts, B.W. Commerce  
 And Science College, Sinnar

  
 Principal  
 Principal  
 G.M.D.Arts, B.W. Commerce and  
 Science college, Sinnar, Dist. Nashik.



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Political Science

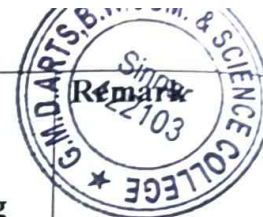
Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)



Name of the Faculty: - Smt. A. R. Pagar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Introduction To Indian Constitution (11161)	<b>Unit 1:</b> Making of the Indian Constitution <b>Unit 2:</b> Fundamental Rights, Duties and Directive Principles <b>Unit 3:</b> Federalism <b>Unit 4:</b> Constitutional Amendments: Scope and Limitations	48	100 %	Nil	NA	-

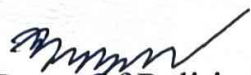


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.Y.B. A		<b>Western Political Thought</b>	Unit 1: Plato Unit 2: Aristotle Unit 3: Machiavelli Unit 4: Locke	48	100 %	Nil	NA	-
TYBA (Sem-V)		<b>Local Self Government in Maharashtra G-3</b>	Unit 1: Evolution of Local Self Government Unit 2: Various committee of Local Self Government in Maharashtra Unit 3: 73rd Amendment and Rural Bodies Unit 4: 73rd Constitutional Amendment and Rural Bodies	48	100 %	Nil	NA	-
MA I, (Sem-I)		<b>Traditions Of Political Thought</b>	1. Ancient Era 2. Modern Era 3. Industrial Era 4. Colonial Era	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA II (Sem-III)		Modern Political Thought	<ol style="list-style-type: none"> <li>1. Foreign Policy</li> <li>2. Intervention and coercive</li> <li>3. Impact of world Trade on Politics</li> <li>4. Challenges before the nation</li> <li>5. Environmental Issues and the nation</li> </ol>	48	100 %	Nil	NA	-



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Department of Political Science

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Even Semester)



Name of the Faculty: - Smt. A. R. Pagar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	C	Introduction To Indian Constitution (11161)	Unit5: Legislature Unit6: Executive Unit7: Judiciary Unit8: Electoral System	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.Y.B. A Sem IV		Western Political Thought	Unit 5: Rousseau Unit 6: Hegel Unit 7: J. S. Mill Unit 8: Karl Marx	48	100 %	Nil	NA	-
TYBA (Sem-VI)		Local Self Government in Maharashtra G-3	Unit 1: 74th Constitutional Amendment and Urban Bodies Unit 2: 74th Constitutional Amendment and Urban Bodies Unit 3: Commissions about Local Self Government Unit 4: Future of Local Self Government	48	100 %	Nil	NA	-
MA I, (Sem-II)		Theory Of International Politics	1. Introduction to International Politics 2. Changing International Political Order since World War II 3. Approaches to International	60	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Politics 4. Geopolitical Issues 5. Positivist and Post Positivist Framework 6. Contemporary concerns					
MA II (Sem-IV)		<b>Fundamentals Of Political Theory</b>	1. Political Theory: Meaning, Nature and Scope 2. Liberty, Equality and Fraternity 3. Justice, Rights, Citizenship 4. Power, Authority and Legitimacy 5. State, Democracy, Civil Society	30	100 %	Nil	NA	-



**Department of Political Science**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**



Name of the Faculty: - Abhin Sampat Pote

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	B	INTRODUCTION TO INDIAN CONSTITUTION (11161)	<b>Unit 1:</b> Making of the Indian Constitution <b>Unit 2:</b> Fundamental Rights, Duties and Directive Principles <b>Unit 3:</b> Federalism <b>Unit 4:</b> Constitutional Amendments: Scope and Limitations	48	100 %	Nil	NA	-
SYBA (SEC) (Sem-III)	A	BASIC OF INDIAN CONSTITUTION SEC 2A (23165)	<b>UNIT – 1</b> Making of the Indian Constitution <b>UNIT – 2</b> Fundamental Rights	08	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-V)	A	International Relation Spl. IV ( )	<b>Unit 1:</b> Introduction to International Relations <b>Unit 2:</b> Approaches to International Relations <b>Unit 3:</b> World War II and the Cold War <b>Unit 4:</b> International Organizations	48	100 %	Nil	NA	-
MA I, (Sem-I)	A	PO-O3- India's Foreign Policy	1. Nature and Determinants of India's Foreign Policy 2. Evolution of Indian Foreign Policy 3. Making of Foreign Policy: Actors and Processes 4. India and Her Neighbors: Contemporary Issues	60	100 %	Nil	NA	-
MA II (Sem-III)	A	PO-C9 World Politics-New	1. Foreign Policy 2. Intervention and coercive	60	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		<b>Developments</b>	3. Impact of world Trade on Politics 4. Challenges before the nation 5. Environmental Issues and the nation					
<b>MA II (Sem-III)</b>	<b>A</b>	<b>PO-C7 Modern Political Thought</b>	1. Mahadeo Govind Rande 2. Mahatma Gandhi 3. Jawaharlal Nehru	<b>30</b>	100 %	Nil	NA	-

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Science college, Sinnar, Dist. Nashik.





**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Abhin Sampat Pote**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	INTRODUCTION TO INDIAN CONSTITUTION (11162)	Unit 5: Legislature Unit 6 : Executive Unit 7 : Judiciary Unit 8 : Electoral System	48	100 %	Nil	NA	-
SYBA SEC 2A (Sem-IV)	A	BASIC OF INDIAN CONSTITUTION SEC 2A (24165)	UNIT – I . Fundamental Duties  UNIT - II . Fundamental Rights	48	100 %	Nil	NA	-
TYBA (Sem-VI)	A	International Relation Spl. IV (36162)	Unit 1: The Theory of Non-Alignment  Unit 2: Globalization	48	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Unit 3: International Political Economy  Unit 4: Contemporary Global Issues					
MA I, (Sem-II)	A	PO-C4: Comparative Political Analysis	1. Nature of Comparative Analysis 2. Approaches to the study of Comparative Politics 3. Theories of Development 4. Security Apparatus and Concerns 5. Parties and Pressure Groups 6. Non State Political Actors	60	100 %	Nil	NA	-
MA II (Sem-IV)	A	PO-O13 Twentieth Century Political Thought	1. Antonio Gramsci 2. Hannah Arendt 3. John Rawls 4. Michel Foucault 5. Jürgen Habermas	60	100 %	Nil	NA	-
MA II	A	PO-C10 Fundamentals	1. Political Theory: Meaning, Nature and	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-IV)		of Political Theory	Scope 2. Liberty, Equality and Fraternity 3. Justice, Rights, Citizenship					

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Signature of faculty

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DEPARTMENT OF POLITICAL SCIENCE  
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**Department of Political Science**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**



**Name of the Faculty: - Arun Ambadas Pote**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>FYBA (Sem-I)</b>	<b>A</b>	<b>INTRODUCTION TO INDIAN CONSTITUTION (11161)</b>	<b>Unit 1:</b> Making of the Indian Constitution <b>Unit 2:</b> Fundamental Rights, Duties and Directive Principles <b>Unit 3:</b> Federalism <b>Unit 4:</b> Constitutional Amendments: Scope and Limitations	48	100 %	Nil	NA	-
<b>SYBA SPL II (Sem-III)</b>	<b>A</b>	<b>Political Journalism SPL II , SEM III (23162)</b>	<b>Unit 1:</b> An introduction to Political Journalism <b>Unit 2:</b> Agencies of Political <b>Unit 3:</b> History of Political Journalism <b>Unit 4:</b> Methods of Political Journalism	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-V)	A	PUBLIC ADMINISTRATION SEM V (SPL III) 35162	Unit 1: Public Administration Unit 2: New Public Unit 3: Approaches to Public Administration Unit 4: Governance	48	100 %	Nil	NA	-
MA I, (Sem-I)	A	PO-C2: Administrative Theory	1. Public Administration 2. Major Approaches to Public 3. Theories of Public 4. Principles of Organization 5. New Trends in Public 6. Governance	60	100 %	Nil	NA	
MA II (Sem-III)	A	PO-09 Indian Administration – Structure and Organization	1. Evolution and Constitutional Framework 2. Central Administration 3. Civil Services in india 4. State Administration	30	100 %	Nil	NA	-



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**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Dr. C.E.Gurule**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom.	B	Compulsory English	<b>Prose:</b> <b>Unit 1</b> Indra Nooyi: A Corporate Giant - Indra Krishnamurthy Nooyi <b>Unit 2</b> Appro JRD - Sudha Murth <b>Unit 3</b> Fur - Saki <b>Unit 4</b> After Twenty Years - O'Henry <b>Poetry:</b> <b>Unit 5</b> O Captain! My Captain <b>Unit 6</b>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			The Prayer for My Daughterr - W B Yeasts <b>Communication &amp; Life Skills</b> <b>Unit 7</b> Letter Writing, Report Writing & Blog Writing <b>Unit 8</b> Resume Writing & E-Mail <b>Unit 9</b> Non-Verbal Communcation					
<b>FYBA</b>		<b>Optional English</b>	<b>Prose Pieces:</b> <b>Short Stories:</b> <b>Poetry:</b> <b>Language Studies:</b> <b>Introduction to the Sounds of English:</b> <b>Part - II</b>	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>
<b>SYBA</b>		<b>Special Paper-II</b>	Poems 1. My Last Duchess- <b>Robert Browning</b> 2. Sailing to Byzantium- <b>W. B. Yeats</b> 3. Futility- <b>Wilfred Owen</b> 4. A Bird Came Down the Walk- <b>Emily Dickinson</b> 5. Talking in Their Sleep- <b>Edith M. Thomas</b> 6. What Is Life- <b>John Clare</b>	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<b>7. Sympathy- Paul Laurence Dunbar</b> <b>8. The Awakening- James Weldon Johnson</b> <b>9. The Wind- Amy Lowell</b> <b>10. Freedom- Rabindranath Tagore</b> <b>11. Caged Bird- Maya Angelou</b> <b>12. Failure of Communication- Judith Wright</b>					
<b>TYBA</b>		<b>Compulsory English</b>	<b>Unit-I- Prose (12 Clock Hours)</b> 1. Shakespeare's Sister – Virginia Woolf 2. After Twenty Years – O. Henry 3. The Conjuror's Revenge – Stephen Leacock <b>Unit-II- Poetry (12 Clock Hours)</b> 1. The Man of Life Upright – Thomas Campion 2. Money Madness – D.H. Lawrence 3. The Toys – Coventry Patmore <b>Unit-III- Grammar (08 Clock Hours)</b> <b>Unit-IV- Writing (08 Clock Hours)</b> <b>Unit-V- Soft Skills and Employability Skills (05 Clock Hours)</b>	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>
<b>MA-I</b>		<b>Paper-II: 2.2: English</b>	Unit I: Elizabeth Barrett Browning, Alfred Tennyson, Robert Browning: <b>12 clock</b>	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		Literature from 1798 to the Present	<b>hours</b> Unit II: TS Eliot, WB Yeats, Siegfried Sassoon: <b>16 clock hours</b> Unit III: Seamus Heaney, Anthony Thwaite, Kathryn Simmonds, Jean Rhys: <b>20 clock hours</b> Unit IV: Tom Stoppard:					

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Department of English

**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Dr. C. E. Gurule**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom.	B	Compulsory English	<b>Prose:</b> Unit 1 The Beggar- <b>Anton Chekhov</b> Unit 2 Black Money and the Black Economy - <b>C. Rammanohar Reddy</b> Unit: 3 The Nightingale and the Rose- <b>Oscar Wilde</b> Unit 4 Muhammad Yunis: An Economics for peace- <b>Farida Khan</b> <b>Poetry:</b> Unit 1 Up-hill- <b>Cristina Rosseti</b> Unit 2 Stay Calm - <b>Grenville Kleiser</b> <b>Communication and Life Skills</b> Unit 1 Meeting and Greeting People and Dialogue Unit 2 Group Discussion and Interview Unit 3 Presentation Skills	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA		Optional English	Prose Pieces: Short Stories: Poetry: Language Studies: Introduction to the Sounds of English: Part - I	48	100 %	Nil	NA	-
SYBA		Special Paper-II	A) Theory of Poetry B) Poems: 1. The Nightingale- Philip Sidney 2. Sonnet 3- William Shakespeare 3. The Sun Rising- John Donne 4. London- William Blake 5. Ode on a Grecian Urn- John Keats 6. To a Skylark- P. B. Shelley	48	100 %	Nil	NA	-
TYBA		Compulsory English	Unit-I- Prose (12 Clock Hours) 1. The Phantom Luncheon – Saki 2. Function of Education –J. Krishnamurti 3. God sees the Truth but Waits – Leo Tolstoy Unit-II- Poetry (12 Clock Hours) 1. The Neutral Tones – Thomas Hardy 2. Strange Meeting – Wilfred Owen 3. Have you got a brook in your little heart – Emily Dickinson Unit-III- Grammar (08 Clock Hours) Unit-IV- Writing (08 Clock Hours) Unit-V- Soft Skills and Employability	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<b>Skills (05 Clock Hours)</b>					
<b>MA-I</b>		<b>Paper-II: 1.2: English Literature from 1798 to the Present</b>	<b>Unit-I:</b> ST Coleridge, William Wordsworth: <b>14 clock hours</b> 27 <b>Unit-II:</b> PB Shelley, John Keats, Felicia Hemans: <b>16 clock hours</b> <b>Unit-III:</b> Mary Shelley: <b>15 clock hours</b> <b>Unit-IV:</b> Jane Austen:	48	100 %	Nil	NA	-

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*[Signature]*  
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Department of English

**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Dr. S. R. Shinde**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Compulsory English (12001)	<b>Prose:</b> 1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy 2. The Model Millionaire — Oscar Wilde 3. The Eyes are not Here — Ruskin Bond  <b>Poetry:</b> 1. My Heart Leaps Up — William Wordsworth 2. Ozymandias — P. B.	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Shelley 3. Success is Counted Sweetest — Emily Dickinson <b>Grammar:</b> 1. Tenses 2. Subject–Verb Agreement 3. Vocabulary <b>Communication Skills</b> 1. Inviting and Accepting/Declining Invitations 2. Making a Complaint 3. Congratulating, Expressing Sympathy and Offering Condolences 4. Making Suggestions, Offering Advice and Persuading					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA(Sem-5)	Sp	Literary Criticism (36332)	<b>Unit-I-</b> Modern Criticism <b>Unit-II-</b> New Criticism <b>Unit-III-</b> Critical Terms and Practical Criticism <b>Practical Criticism:</b>	48	100 %	Nil	NA	-
MA-I (Sem-I)	C	Contemporary Studies in English (20603)	<b>Unit-I:</b> Sociolinguistics <b>Unit-II:</b> Semantics <b>Unit-III:</b> Speech Act Theory and Discourse Analysis <b>Unit-IV:</b> Syntax	48	100 %	Nil	NA	-
MA-I (Sem-I)		Literary Criticism & Theory (20604)	<b>Unit-I:</b> Structuralism and Poststructuralism <b>Unit-II:</b> Psychoanalysis and Reader Response Criticism <b>Unit-III:</b> Marxist Criticism and Cultural Studies <b>Unit-IV:</b> Feminist Criticism and Postcolonialism	48	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-II (Sem-I)		Applied Linguistics (40602)	<b>Unit-I:</b> Teaching of language and literature <b>Unit-II:</b> Testing and evaluation <b>Unit-III:</b> Stylistics and literary appreciation <b>Unit-IV:</b> Translation	48	100 %	Nil	NA	-

*Shinde*  
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*[Signature]*  
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Department of English

**Syllabus completion Report - Year -2021-22**

**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Dr. S. R. Shinde**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>FYBA (Sem-I)</b>	<b>C</b>	<b>Compulsory English (11001)</b>	<b>Prose:</b> 1. Engine Trouble — R. K. Narayan 2. On Saying 'Please' — A. G. Gardiner 3. The Gift of the Magi — O. Henry <b>Poetry:</b> 1. A Red, Red Rose — Robert Burns 2. Leave this Chanting and Singing — Rabindranath Tagore 3. The Felling of a Banyan Tree — Dilip Chitre <b>Grammar:</b> 1. Articles	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			2. Prepositions 3. Verbs Regular and Irregular Verbs Auxiliary Verbs: Primary and Modal 4. Punctuation <b>Communication Skills:</b> 1. Greeting and Taking Leave 2. Introducing Yourself 3. Introducing People to One Another 4. Making Requests and Asking for Directions 5. Making and Accepting Apology					
TYBA(Sem-5)	Sp	Intro. To Literary Criticism (35332)	Unit-I- Orientation Unit-II- Traditional Criticism Unit-III- Romantic/Victorian Criticism	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-I (Sem-I)	C	<b>Contemporary Studies in English (10603)</b>	Unit-1: Introduction to Linguistics and Contemporary Theories/Views of Language Unit-II: Phonology Unit-III: Morphology Unit-IV: SYNTAX	48	100 %	Nil	NA	-
MA-I (Sem-I)		<b>Literary Criticism &amp; Theory (10604)</b>	Unit-I: Classical Criticism Unit-II: Neoclassical Criticism Unit-III: Romanticism and Victorian Criticism Unit-IV: Modernism and New Criticism	48	100 %	Nil	NA	
MA-II (Sem-I)		<b>Applied Linguistics (30602)</b>	Unit-I: Introduction 15 clock hours a) Unit-II: Language and mind 15 clock hours Unit-III: Language teaching methods Unit-IV: Curriculum designing and production of instructional materials-	48	100 %	Nil	NA	-

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**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

Name of the Faculty: Smt. S.S.Zade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	B	Compulsory English (12001)	<p><b>Prose:</b></p> <p>1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy</p> <p>2. The Model Millionaire — Oscar Wilde</p> <p>3. The Eyes are not Here — Ruskin Bond</p> <p><b>Poetry:</b></p> <p>1. My Heart Leaps Up — William Wordsworth</p> <p>2. Ozymandias — P. B.</p>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Shelley 3. Success is Counted Sweetest — Emily Dickinson <b>Grammar:</b> 1. Tenses 2. Subject–Verb Agreement 3. Vocabulary <b>Communication Skills</b> 1. Inviting and Accepting/Declining Invitations 2. Making a Complaint 3. Congratulating, Expressing Sympathy and Offering Condolences 4. Making Suggestions, Offering Advice and Persuading					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>SYBA (Sem- IV)</b>	<b>A</b>	<b>Compulsary English (24001)</b>	<b>Unit - I - Prose</b> 1) The Chicago Speech - Swami Vivekananda 2) The Lottery Ticket - Anton Chekhov 3) The Open Window - Saki ( H.H.Munro) <b>Unit - II - Poetry</b> 1) On Another's Sorrow - William Blake 2) Laugh and Be Merry - John Mansfield 3) The Rock and the Bubble - Louisa May Alcott <b>Unit - III - Grammar</b>	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			1) Question Tags 2) Simple, Compound and Complex sentences 3) Question Tags 4) Simple, Compound and Complex sentences 5) Degrees of Comparison <b>Unit - IV- Vocabulary</b> 1) Collocations: Words that go together 2) Phrasal Verbs 3) Commonly Confused Words <b>Unit - V -Soft Skills</b> 1) Problem- Solving Skills 2) Time Management					



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>SYBA (Sem- IV)</b>	<b>Special Paper 1</b>	<b>Appreciating Drama (24332)</b>	<b>Unit-I:</b> Arms and the Man - George Bernard Shaw <b>Unit-II:</b> The Fire and the Rain	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>
<b>MA-II (Sem-IV)</b>	<b>4.1</b>	<b>Indian Writing in English</b>	<b>Unit-I:</b> The God of Small Things - Arundhati Roy <b>Unit-II:</b> The White Tiger - Aravind Adiga <b>Unit-III: Poetry</b> 1) Dom Moraes : i) Absences ii) The Garden 2) Nissim Ezekiel i) Urban ii) Philosophy 3) Kamala Das: The Sunshine Cat 4) A.K.Ramanujan: Still	<b>48</b>	<b>100 %</b>	<b>Nil</b>	<b>NA</b>	<b>-</b>

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Another View Of Grace 5) Jayant Mahapatra: A Missing Person 6) Arun Kolatkar: The Indicator 7) Eunice De Souza: Catholic Mother 8) Vikram Seth: Sit <b>Unit - IV - Nagmandala - Girish Karnad</b>					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-II (Sem-IV)	4.4	Indian Literature in English Translation	<b>Unit-I: Poetry</b> 1) Farewell to the world (Stanza 1-10) - Mary John Tottam ( Sr. Mary Benigna) 2) Man and God - Mohammad Iqbal 3) Draupadi - Sutapa Bhattacharya 4) White Paper - Nara ( VN Rao) 5) These my Words - Hiren Bhattacharya 6) Daily Wages - Amrita Pritam 7) Cycle Rikshaw - Raghuvir Sahay 8) The Character I Created - Chandrasekher Kambar 9) Poetry Notebook - Namdeo Dhasal	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			10) Spellbound - Indira Saint <b>Unit - II: Fiction</b> 1) Fire,My Witness ( Agnisakshi) - Lalithambika Antharjanam <b>Unit - III : Drama</b> 1) Tughlaq - Girish Karnad <b>Unit - IV: Autobiography</b> 1) Karukku - Bama, Trans, Lakshmi Holmstrom.					

*Stale*

Signature of Faculty



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HEAD  
 DEPARTMENT OF ENGLISH  
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Maratha Vidya Prasarak Samaj, Nashik  
G.M.D. Arts, B.W. Commerce and Science College Sinnar,  
Tal: Sinnar, Dist- Nashik-422103.  
Department of Geography  
Syllabus completion Report - Year -2021-22  
(U.G.) (Odd Semester)

Name of the Faculty: - Mr. Sandeep Balasaheb Bhise

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	B	Gg- 110 (A) Physical Geography	1. Introduction to Physical Geography 2. Lithosphere 3. Atmosphere 4. Hydrosphere	48	100 %	NIL	NA	-
SYBA (Sem-III)	A	Gg: 210(A) Economic Geography-I	1. Introduction to Economic Geography 2. Economic Activity 3. Concept and classification of resources 4. Agriculture	48	100 %	NIL	NA	-
SYBA (Sem-III)	Batch II	Gg: 201(A) Practical Geography – I (Scale and Map Projections)	1. Introduction of Maps 2. Map Scale 3. Basic of map projection 4. Construction, properties and use of map	60	100%	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			projections					
SYBA (Sem-III)	A	SEC -2A Introduction to Geographical Information System (GIS)	1. Introduction to GIS 2. Data Types & Models 3. Software based Practical	30	100%	NIL	NA	-
TYBA (Sem-V)	Batch I	Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)	1. Introduction of S.O.I. Toposheet & Relief 2. Interpretation of S.O.I. Toposheets and Data generation 3. Introduction & Interpretation of Weather Maps 4. Introduction & Application of GIS & Remote Sensing Techniques	60	100%	NIL	NA	-

  
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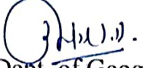
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(U.G.) (Odd Semester)**

Name of the Faculty: - Dr. Balasaheb Rajaram Tambe

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	Physical Geography (Gg- 110 A)	1. Introduction to Physical Geography 2. Lithosphere 3. Atmosphere 4. Hydrosphere	48	100 %	Nil	NA	-
SYBA (Sem-III)	Batch-I	Practical Geography – I (Scale and Map Projections) (Gg- 201 A)	1. Introduction of Maps 2. Map Scale 3. Basic of map projection 4. Construction, properties and use of map projections	60	100 %	Nil	NA	-
TYBA (Sem-V)	A	Tourism Geography (Gg-310 A)	1. Introduction 2. Determinants of Tourism Development 3. Concept and	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Classification of Tourism 4. Role of Infrastructure in Tourism Development					
TYBA (Sem-V)	Batch-II	Practical Geography – I (Techniques of Spatial Analysis) (Gg-301 A)	1. Introduction of S.O.I. Toposheet and Relief Representatio 2. Interpretation of S.O.I. Toposheets and Data generation 3. Introduction and Interpretation Weather Maps 4. Introduction and Application of GIS and Remote Sensing Techniques	60	100 %	Nil	NA	-
					100 %	Nil	NA	-

  
Dr. B.R. Tambe  
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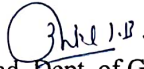
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
Name of the Faculty: - Mr. Santosh Tukaram Jadhav

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Gg- 110 (A) Physical Geography	1. Introduction to Physical Geography 2. Lithosphere 3. Atmosphere 4. Hydrosphere	48	100 %	NIL	NA	-
SYBA (Sem-III)	A	Gg.220 (A)Geography of Maharashtra	1. Administrative Set up of Maharashtra 2. Physical settings 3. Climate 4. Resources	48	100 %	NIL	NA	-
SYBA (Sem-III)	Batch III	Gg: 201(A) Practical Geography – I (Scale and Map Projections)	1. Introduction of Maps 2. Map Scale 3. Basic of map projection 4. Construction, properties and use of map projections	60	100%	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-III)	A	Gg: 320(A) Geography of India –I	1. Introduction 2. Physiography 3. Drainage 4. Climate Soils and Natural Vegetation	48	100%	NIL	NA	-
TYBA (Sem-V)	Batch III	Gg: 301(A) Practical Geography – I (Techniques of Spatial Analysis)	1. Introduction of S.O.I. Toposheet & Relief 2. Interpretation of S.O.I. Toposheets and Data generation 3. Introduction & Interpretation of Weather Maps 4. Introduction & Application of GIS & Remote Sensing Techniques	60	100%	NIL	NA	-
TYBA (Sem-V)	A	SEC 2 C Research Methodology - I	1. Introduction to Research Methodology 2. Research Design 3. Research Problem	30	100%	NIL	NA	-

  
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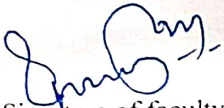
**Name of the Faculty: - Ms.Khurche R.D**

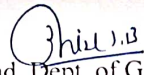
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-1)	A	GGUT-111:Principles of Geomorphology	1. Introduction to Geomorphology 2. Geomorphology and Tectonics 3. Weathering and Mass Movement Processes 4. Fluvial Processes and Landforms 5. Glacial Processes and Landforms 6. Coastal Processes and Landforms 7. Aeolian Processes and Landforms	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-I)	A	GGUT-113 :Principles of Economic Geography	<ol style="list-style-type: none"> <li>1. Introduction to Economic Geography</li> <li>2. Economic Activities</li> <li>3. Resources</li> <li>4. Economic Development</li> <li>5. Transport and Communication</li> <li>6. Trade Economic Development in India</li> <li>7. Contemporary Issues</li> </ol>	60	100 %	Nil	NA	-
MA/M.Sc (Sem-I)	A	GGUP-115:Practical in Physical and Human Geography	<ol style="list-style-type: none"> <li>1. Drainage Network</li> <li>2. Drainage Basin Relief Analysis</li> <li>3. Climatic Element Diagrams</li> <li>4. Climatic Classification</li> <li>5. Crop Combination and Crop Diversification</li> <li>6. Measures of Network Structure</li> </ol>	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			7. Population Indices and Projection 8.Measures ofNucleation and Dispersion					
MA/M.Sc (Sem-III)	A	GGUT-235 Geoinformatics II	1. Introduction to Remote Sensing 2. EMR and EMS 3. Platforms and Satellites 4. Sensors 5. Resolution 6. Image Interpretation Techniques 7. Aerial Photography	30	100 %	Nil	NA	
MA/M.Sc (Sem-III)	A	GGUT-243 Watershed Management	1. Concept of watershed management 2. Characteristics of watershed 3. Hydrological process	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			in watershed 4. Water and soil conservation in watershed 5. Watershed development					

  
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 (P.G.) (Odd Semester)

Name of the Faculty: - Prof.B.K.Bairagi

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M. Sc (Sem-1)	A	Course: GGUT-112:Principles of Climatology	1. Introduction to Climatology 2. Earth's Atmosphere 3. Isolation 4. Temperature 5. Atmospheric Pressure and Winds 6. Atmospheric Moisture 7. Atmospheric Stability 8. Air Masses and Fronts	60	100 %	Nil	NA	-
MA/M. Sc (Sem-1)	A	GGDT-114 : Principles of Population and Settlements Geography	1. Introduction to Population and Settlement Geography 2. Population Growth and trend 3. Population Structure	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			and Characteristics 4. Fertility and Mortality 5. Rural Settlements 6. Urban Settlements 7. Population Distribution					
MA/M.Sc (Sem-III)	A	GGUT-236 Geographical Thoughts	1. Historical Development of Geographical Thought 2. Dualism in Geography 3. Recent Trends in Geography 4. Applied Geography	60	100 %	Nil	NA	-
MA/M.Sc (Sem-III)	A	GGDP-241 Practical in Geoinformatics	1. Aerial Photography 2. Satellite Images 3. Spatial Database 4. GIS operations	30	100 %	Nil	NA	
MA/M.Sc (Sem-III)	A	GGUP-246 Practical in Climatology	1. Weather Elements 2. Station Model 3. Indian Daily Weather Report (IDWR) 4. Water Balance	60	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-III)	A	GGUT-238 Applied Climatology	<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Basic climatic elements</li> <li>3. Agro-climatology</li> <li>4. Climate and Human behaviour</li> <li>5. Urban Climate</li> <li>6. Climate industry, commerce and engineering</li> <li>7. Engineering applications</li> <li>8. Climate and Transportation</li> </ol>	60	100 %	Nil	NA	-

*B. Ballugi*  
Signature of faculty

*B. Ballugi*  
Head, Dept. of Geography  
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Syllabus completion Report - Year -2021-22  
(U.G.) (Even Semester)

Name of the Faculty: - Mr. Sandeep Balasaheb Bhise

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	B	Gg- 110 (B ) Human Geography	1. Introduction to Human Geography 2. Population 3. Settlements 4. Agriculture	48	100 %	NIL	NA	-
SYBA (Sem-IV)	A	Gg.210 (B) Economic Geography- II	1. Trade and Transport 2. Industries 3. Regional Planning Development 4. Rural Development in India	48	100 %	NIL	NA	-
SYBA (Sem-IV)	Batch II	Gg. 201 (B) Cartographic Techniques, Surveying	1. Introduction to Cartography 2. Cartographic techniques 3. Surveying	60	100 %	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		and Excursion / Village / Project Report	4. Excursion / village/city survey and report writing					
SYBA (Sem-IV)	A	SEC-B Introduction to Remote Sensing	1. Introduction to Remote Sensing 2. Image Interpretation 3. Software based Practical	30	100%	NIL	NA	-
TYBA (Sem-VI)	Batch I	Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report)	1. Geographical Data & its Basic Analysis 2. Calculation of Central Tendency, & Dispersion 3. Testing and Application of Hypothesis 4. Field Excursion / Village Survey / Project Report	60	100%	NIL	NA	-

  
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
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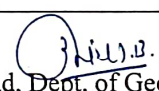
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(U.G.) (Even Semester)**

**Name of the Faculty: - Dr. Balasaheb Rajaram Tambe**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	Human Geography (Gg- 110 B)	1. Introduction to Human Geography 2. Population 3. Settlements 4. Agriculture	48	100 %	Nil	NA	-
SYBA (Sem-IV)	Batch-I	Cartographic Techniques, Surveying and Excursion/ Village / Project Report (Gg- 201 B)	1. Introduction to Cartography 2. Cartographic techniques 3. Surveying 4. Excursion / village/city survey and report writing	60	100 %	Nil	NA	-
TYBA (Sem-	A	Tourism Geography (Gg- 310 B)	1. Role of Accommodation in Tourism	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
VI)			2. Impact of Tourism 3. Planning and Polices of tourism development 4. Case studies of Major Tourist Centers in India					
TYBA (Sem-VI)	Batch-II	Practical Geography- II (Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report) (Gg-301 B)	1. Geographical Data and its Basic Analysis 2. Measures of Central Tendency and Dispersion 3. Testing and Application of Hypothesis 4. Field Excursion / Village Survey	60	100 %	Nil	NA	-
					100 %	Nil	NA	-

  
Dr. B. R. Tambe  
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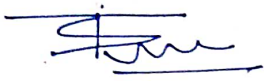
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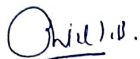
Name of the Faculty: - Mr. Santosh Tukaram Jadhav

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	C	Gg- 110 (B ) Human Geography	Introduction to Human Geography Population Settlements Agriculture	48	100 %	NIL	NA	-
SYBA (Sem-IV)	A	Gg.220 (B) Geography of Maharashtra	1. Agriculture 2. Population and Settlement 3. Rural Development of Maharashtra 4. Tourism	48	100 %	NIL	NA	-
SYBA	Batch	Gg. 201 (B)	1. Introduction to Cartography	60	100 %	NIL	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-IV)	III	Cartographic Techniques, Surveying and Excursion / Village / Project Report	2. Cartographic techniques 3. Surveying 4. Excursion / village/city survey and report writing					
TYBA (Sem-VI)	A	Gg: 320(B) Geography of India -II	1. Cultural Setting 2. Transportation & Communication 3. Resources 4. Agriculture	48	100%	NIL	NA	-
TYBA (Sem-VI)	Batch I	Gg: 301(B) Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report)	1. Geographical Data & its Basic Analysis 2. Calculation of Central Tendency, & Dispersion 3. Testing and Application of Hypothesis 4. Field Excursion / Village Survey / Project Report	60	100%	NIL	NA	-
TYBA (Sem-VI)	A	SEC 2 C Research Methodology - II	Introduction to Research Methodology Research Design Research Problem	30	100%	NIL	NA	-



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(P.G.) (Even Semester)**


**Name of the Faculty: - Mr. Khurche R.D**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-II)	A	GGUT-127: Monsoon Climatology	1. Monsoon 2. Origin of Monsoon 3. Monsoon Model 4. Monsoon Climatology 5. Regional Aspects of Indian Monsoon 6. Intra-seasonal Variation 7. Interannual Variation 8. Forecasting of Monsoon	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-II)	A	GGDP-133: Practical in Map Projections	<ol style="list-style-type: none"> <li>1. Map projections</li> <li>2. Zenithal Projections</li> <li>3. Conical Projections</li> </ol>	30	100 %	Nil	NA	-
MA/M.Sc (Sem-II)	A	GGUP-134: Practical of Statistical Techniques for Geography	<ol style="list-style-type: none"> <li>1. Introduction to Statistical Techniques in Geography</li> <li>2. Descriptive Statistics</li> <li>3. Probability and Probability Distributions</li> <li>4. Inferential Statistics</li> <li>5. Correlation and Regression Analysis</li> <li>6. Time Series Analysis</li> <li>7. Fieldwork and Data Collection</li> </ol>	60	100 %	Nil	NA	-
MA/M.Sc (Sem-IV)	A	GGUT-250 Oceanography	<ol style="list-style-type: none"> <li>1. Introduction to Oceanography</li> <li>2. Origin of the Ocean Basins</li> <li>3. The Ocean Floor</li> <li>4. Properties of Sea Water</li> </ol>	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			5. Marine Sediments 6. Ocean resources 7. Oceanic Pollution					
MA/M.Sc (Sem-IV)	A	GGUT- 252: Geography of Soil	1. Introduction to Geography of Soil 2. Soil Formation and Soil Profile 3. Components and Characteristics of Soil 4. Classification and types of Soil 5. Problems related to soil and Soil Conservation	30	100 %	Nil	NA	-

  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Geography

**Syllabus completion Report - Year -2021-22  
(P. G.) (Even Semester)**

Name of the Faculty: - Prof. B.K.Bairagi

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M. Sc (Sem-II)	A	GGUT-121:Geoinformatics-I	1. Introduction to GIS 2. Database 3. Data Models 4. Structuring of Spatial Data 5. Data Analysis (I) 6. Data Analysis (II)	60	100 %	Nil	NA	-
MA/M. Sc (Sem-II)	A	GGUT-123: Synoptic Climatology	1. Introduction to Synoptic Climatology 2. Approaches 3. Weather reporting and analysis 4. Tropical Weather Systems 5. Extra-Tropical	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Weather Systems 6. Weather Patterns 7. Weather Forecasting 8. Application of Synoptic Climatology					
MA/M.Sc (Sem-II)	A	GGDT-130: Geography of Tourism	1. Introduction to Geography of tourism 2. Classification and Recent Concepts of Tourism 3. Factors of Tourism 4. Role of Accommodation in Tourism 5. Indian Tourism	30	100 %	Nil	NA	-
MA/M.Sc (Sem-IV)	A	GGUT-249 Geography of India	1. Introduction 2. Physiography 3. Drainage Systems 4. Climate 5. Soils 6. Forest 7. Minerals and Energy Resources 8. Agriculture 9. Industries 10. Population	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA/M.Sc (Sem-IV)	A	GGUT-251 Research Methodology	<ol style="list-style-type: none"> <li>1. Introduction to Research Methodology</li> <li>2. Research Design</li> <li>3. Research Problem</li> <li>4. Sampling Design</li> <li>5. Methods of Data Collection</li> <li>6. Data Analysis</li> <li>7. Technical writing and reporting of research</li> </ol>	60	100 %	Nil	NA	-

*B. Baragi*  
Signature of faculty

*Dr. J. V.*  
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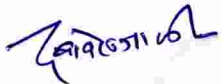
G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Marathi

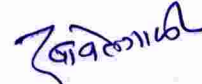
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Dr. Dattatray B. Weljali**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	<i>Marathi Sahity : Katha ani Bhashik Kaushalyvikas</i>	1. Katha : Swarup, Ghatak, Prakar ani Vatchal 2. Samkalin Marathi Katha 3. Bhashik Kaushalyvikas	45	100 %	Nil	NA	-
SYBA S 2 (Sem-I)	NA	<i>Sahityavichar</i>	1. Sahityache Swarup Ani Prayojan 2. Sahityachi Nirmittiprakriya 3. Sahityachi Samajikta v Bhasha	45	100 %	Nil	NA	-
SYBA (Sem-I)	B	<b>Modern Indian Languages (MIL)</b>	1. Bhasha ani Vyaktimatwa Vikas 2. Lokshahitil Jivanvyavhar ani Prasarmadhyame 3. Prasarmadhyamansathi Lekhan	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-I)	A	<i>Bhashik Kaushalyvikas ani Aadhunik Marathi Sahityprakar</i>	1. Mudrit Madhyamansathi Lekhankaushaly 2. Pravasvarnan : Swarup, Prerana, Prayojan Vatchal ani Vaishishtye 3. Tin Mulanche Char Divas	45	100 %	Nil	NA	-
MA II (Sem-III)	NA	<i>Lok Sahityachi Multattwe ani Marathi Loksahity</i>	1. Loksahity : Swarup ani Vyapti 2. Loksahityacha Abhyas 3. Loksahity v Lokjivan 4. Loksahity v Granthik Sahity Sambandh	60	100 %	Nil	NA	-

  
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**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Even Semester)**

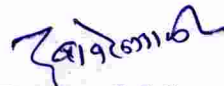
**Name of the Faculty: - Dr. Dattatray B. Weljali**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	<i>Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas</i>	1. Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly 2. Marathi Ekankika Vatchal 3. Vithhal to Ala Ala 4. Handabhar Chandnya 5. Bhasha Upyoanachi Vividh Aavishkararupe	45	100 %	Nil	NA	-
SYBA (Sem-II)	NA	<i>Samikshavichar</i>	1. Samiksha : Swarup, Sanklpana 2. Sahity ani Samiksha Yanche Parspar Sambandh 3. Samikshakache Gun v Palavayachi Pathhe	45	100 %	Nil	NA	-
SYBA (Sem-II)	B	<b>Modern Indian Languages (MIL)</b>	1. Bhasha, Jivan Vyavhar 2. Navmadhyame ani Samajmadhyame 3. Vebite, Blog, Twitter 4. Vyavsaik Patrvyavhar	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-II)	A	<i>Bhashik Kaushalyvikas ani Aadhunik Marathi Sahityprakar</i>	<ol style="list-style-type: none"> <li>1. Marathi Sahity : Bhashik Kaushalyvikas ani Shasanvyavhar</li> <li>2. Kavita : Swarup, Vatchal, Prerana ani Vaishishty</li> <li>3. Rup : Kaviteche</li> </ol>	45	100 %	Nil	NA	-
MA II (Sem-IV)	NA	<i>Lok Sahityachi Multattwe ani Marathi Loksahity</i>	<ol style="list-style-type: none"> <li>1. Marathitil Loksahityache Swarup</li> <li>2. Marathi Lok katha : Prerana, Swarup v Vishesh</li> <li>3. Marathi Loksahityache Vividh Klavishkar ani Klatmak Saunday</li> <li>4. Marathi loksahity Abhyasakanchi Parmpara</li> </ol>	60	100 %	Nil	NA	-



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Department of Marathi

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Prof . Jayshree R.Bagul

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	B	<i>Marathi Sahity : Katha ani Bhashik Kaushalyvikas</i>	1. Katha : Swarup, Ghatak, Prakar ani Vatchal 2. Samkalin Marathi Katha 3. Bhashik Kaushalyvikas	45	100 %	Nil	NA	FYBA (Sem-I)
MA Sem - 1		<b>Etahasik Bhasha Vidnyan</b>	1. Etahasik Bhasha vidnyan vividh upayojan 2. bhasha Ani Sanskruti Parspar Sabandh 3. Eytahasik Bhasha Svarup Vyavstha 4.Vividh Bhasha Varnatmk Vyvastha	60	100%	Nil	NA	
MA. -1 (Sem-1)		<b>Gramin Sahity</b>	1.Sathottri Sahityache Svrup Ani gramin Sahity 2.Graminsahity Ani Samaj Sahsnbndh 3.Gramin Sahityachi Vatchal Sthul Abhys . 4. Gramin Sahity Svarup Chikitstha	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA-2 (Sem-II)		Sahity Samiksha	1. Samiksha : Swarup, Sanklpana 2. Sahity ani Samiksha Yanche Parspar Sambandh 3. Samikshakache Gun v Palavayachi Pathhe 4. Samikshecha Drushtikon	60	100 %	Nil	NA	-
MA-2 (Sem-II)		Nemlelya Arvachin Sahity Kruticha Abhyas	1. Sri Purudh Tulana -Tarabai Shinde 2. Shetji Pratap -Mukundrao Patil 3. Shobha Yatra - Shafat Khan	60	100 %	Nil	NA	-

  
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**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**


**Name of the Faculty: - Prof .Jayshree R.Bagul**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	B	<i>Marathi Sahity : Ekankika ani Bhashik Kaushalyvikas</i>	1. Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly 2. Marathi Ekankika Vatchal 3. Vithhal to Ala Ala 4. Handabhar Chandnya 5. Bhasha Upyojanachi Vividh Aavishkararupe	45	100 %	Nil	NA	-
MA-1 - Sem - 2		<b>Samaj Bhashavidnyan</b>	1.Samaajbhasha vidnyan vividh upayojan 2. bhasha Ani Sanskruti Parspar Sabandh 3.Bhasha Svarup Vyavstha 4.Vividh Navavyavstha -Badlti Bhasha Ani Bhasha rupe	60	100%	Nil	NA	
MA. -1 (Sem-II)	NA	<b>Dalit Sahity</b>	1.Dalit Sahityache Svrup Ani Dalit Sahity 2.Dr.Babsaheb Anbedkar Ani Samaj Prerna 3. Dalit Sahityachi Vatchal Sthul	60	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Abhys . 4. Dalit Sahity Svarup Chikitstha Ani Vyapti					
MA -2 (Sem-II)		Sahity Sanshodhn	1. Sanshodhn Sanklpna 2. 2. Sahity sanshodhnachi Abhyas Kshetrye 3. Antervidya shakhiy Sanshodhn 4. Sanshodhn Paddhti Arakhada	60	100 %	Nil	NA	-
MA. -2 (Sem-II)		Nemlelya Arvachin Sahity Kruticha Abhyas	1. Amerika - Pravas varnan - Anil Avcht 2. Dive Gelele Divas -Rangnath Pathare . 3. Vat Tudavatana - Uttam Kanmble 4. Sahitykrutichi Olkh	60	100 %	Nil	NA	-

  
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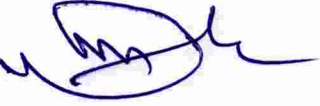
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Department of Marathi

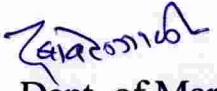
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**


**Name of the Faculty: - Mr.B.U.Pawar**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-I)	A	<i>Bhasha, Sahityani Kaushalyvikas</i>	1. Nibandh lekhan Pathypustk - Utkarshvata	45	100 %	Nil	NA	-
SYBA S 1 (Sem-I)	NA	<i>Adhunik Marathi Sathya: Prakashvata</i>	1. Atmachirata:Saklapana Swarap Prerna Ani Vatchal 2. lalitgatil Anya Sayathaprakancha Tulnetil Atmachitratil vagalipan 3. Abhyaspustak: Prakashvata -Dr prakash Amate	45	100 %	Nil	NA	-
SYBA(G2) (Sem-I)	B	<b>Bhashik Kaushlyavikas Ani Adhunik Marathi Satyaprakar :Kadambari</b>	1. Samgnak ani mobilver Unikodmadhiun Marathi Mudran 2. Kalfalak prakar 3. Marathi Tanklakhen Ani Unikodecha Vaper 4. Kadambari Swrap ,Gatak,Prakar,Vatchal 5. Abhaspustak: Rarangdhan-	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Prabhker Pandhaker					
MA 1 (sem 1)	NA	<i>Bhashavahar Ani BHashik KAushlay Bhag -1</i>	1) Marathchya Pramin Bhashechae Lakhen 2) Vadminvahvar' va Prakshan Vahvar 3) Mulkathlakhen :swarap ,tantre va kaushle 4) Arj Lakhen Patra Vavhar	60	100	Nil	NA	
MA II (Sem-III)	NA	<i>Prasarmadhamsat hi Lakhenkaulay Bhag-1</i>	1. Prasarmadhame Ani Bhasha vahvar 2. Mudrit madhaminsathi lakhen 3. Nabhowani Madimansathi Lakhen 4. Durchatravanasathi Lakhen	60	100 %	Nil	NA	

  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Marathi

**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

Name of the Faculty: - B. U. Pawar

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-II)	A	<i>Bhasha ani Kaushalyvikas</i>	1. Arja va Patralekhan 2. Prashasanik Marathi 3. Pragat Bhashik Kaushalye 4. Jahirat Lekhan	45	100 %	Nil	NA	-
SYBA (G2) (Sem-II)	B	<i>Bhasha kaushlavikas ani adhnuk sahya prakar: lalitgadhyas</i>	1. goole sadhanacha adhanitil vapar 2. lalitgadhyas swarup ani gatal 3. lalait gadhyas prakar ani vatchal 4. patpustak; <b>sahyatarang</b>	45	100 %	Nil	NA	-
SYBA(S1) (Sem-II)	NA	<b>madhugin marathi saythya :nivdak madhyugin gadhyas , padhyas</b>	1. madhugin gadhyas 2. madhyugin padhyas 3. nividak madhyugin gadhyas padhyas	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MA I (Sem-II)	NA	<i>bhashavayhar ani bhuishk kaushaly bhag-2</i>	1. bshantar va anuvad lakhen 2. nivedankushlya 3. jansampark:sankalpna va sawrap 4. praklaplakhen swarap charcha	60	100 %	Nil	NA	-
MA II (Sem-IV)	NA	<i>prasarmadhminsathila lakhenkaushlya bhag -2</i>	1. mahitepatnsathi lakhen 2. chitrapatinsathi lakhen 3. likhit swarapisathicha navasamijmadhamsathi lakhen 4. drukshrvya swarapsha navsamajmadhimain lakhen	60	100 %	Nil	NA	-



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Department of Marathi

Syllabus completion Report - Year -2021-22

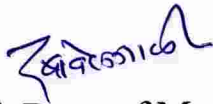
(U.G) (Odd Semester)

Name of the Faculty: - Mr.V.M.Harak

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	A	<i>Marathi Sahity : Katha ani Bhashik Kaushalyvikas</i>	1. Katha : Swarup, Ghatak, Prakar ani Vatchal 2. Samkalin Marathi Katha 3. Bhashik Kaushalyvikas	45	100 %	Nil	NA	-
FYBCom (Sem-I)	C	<i>Bhasha, Sahity ani Kaushalyvikas</i>	1. Nibandh lekhan Pathypustk - Utkarshvata	45	100 %	Nil	NA	-
SYBA (Sem-I)	A	<b>Modern Indian Languages (MIL)</b>	1. Bhasha ani Vyaktimatwa Vikas 2. Lokshahitil Jivanvyavhar ani Prasarmadhyame 3. Prasarmadhyamansathi Lekha	30	100 %	Nil	NA	-
SYBA(G2) (Sem-I)	B	<i>Bhashik Kaushalyvikas ani Aadhunik Marathi Sahityprakar:Kadambari</i>	1. Samgnak ani mobilver Unikodmadhiun Marathi Mudran 2. Kalfalak prakar	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
	4		3. Marathi Tanklakhen Ani Unikodecha Vaper 4. Kadambari Swrap ,Gatak,Prakar,Vatchal 5. Abhaspustak: Rarangdhan-Prabhker Pandhaker					
TYBA(S3) (Sem-3)	NA	<i>Madhugin Marathi Vadimayacha Sthuil Ethiyas</i>	1. Vadmayethis Sanglpana Ani Marathi Bhasha Vadmyacha Ugam 2. Yadav Kal Ani Bhamanikalitil Vadmaynirmetee 3. Mahanahubhav Vadamay 4. Varakari Vadamay 5. Sashodanper prakalpa	60	100 %	Nil	NA	-

  
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Department of Marathi

**Syllabus completion Report - Year -2021-22**  
**(U.G. ) (Even Semester)**

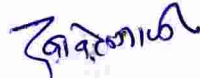
Name of the Faculty: - Mr. V. M. Harak

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	A	<i>Marathi Sahitya : Ekankika ani Bhashik Kaushalyvikas</i>	<ol style="list-style-type: none"> <li>1. Ekankika : Swarup, Ghatak, Sanhitamuly ani Prayogmuly</li> <li>2. Marathi Ekankika Vatchal</li> <li>3. Vithhal to Ala Ala</li> <li>4. Handabhar Chandnya</li> <li>5. Bhasha Upyojanachi Vividh Aavishkararupe</li> </ol>	45	100 %	Nil	NA	-
SYBA (G2) (Sem-II)	A	<i>Bhasha kaushlavikas ani adhnik sahyta prakar: lalitgadhyta</i>	<ol style="list-style-type: none"> <li>1. goole sadhanacha adhanitil vapar</li> <li>2. lalitgadtya swarup ani gatal</li> <li>3. lalait gadhya prakar ani vatchal</li> <li>4. patpustak; <b>sahyтарang</b></li> </ol>	45	100 %	Nil	NA	-
SYBA (Sem-II)	B	<b>Modern Indian Languages (MIL)</b>	<ol style="list-style-type: none"> <li>1. Bhasha, Jivan Vyavhar</li> <li>2. Navmadhyame ani Samajmadhyame</li> <li>3. Vebsite, Blog, Twitter</li> <li>4. Vyavsaik Patrvyavhar</li> </ol>	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA(S3) (Sem-II)	NA	<i>madhugin marathi vadmayacha sthul yathisis es 1601- 1817</i>	1. shivkal va pashavakaltil vadmaynirmite 2. pandit ani sharanchi vadmaynirmitee 3. bakher ani vadmay nirmitee 4. shassdon praklpa	60	100 %	Nil	NA	-
FYB COM	C	<i>Bhasha ani Kaushalyvikas</i>	1. Arja va Patralekhan 2. Prashasanik Marathi 3. Pragat Bhashik Kaushalye Jahirat Lekhan	45	100 %	Nil	NA	-



Signature of faculty



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HEAD

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Marathi

**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

Name of the Faculty: - R. B. Ugale

Class	DIV	Title of the paper with code	Name of the chapter, up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-I)	B	<i>Bhasha, Sahityani Kaushalyvikas</i>	1. Nibandh lekhan 2. Pathypustk - Utkarshvata	45	100 %	Nil	NA	-
SYBA (Sem-I)	NA	<i>Prakashnvyvharani Sampadan - SEC</i>	1. Prakashnsanstha - swarup, karypranali 2. Granthanirmiti Prakriya 3. Mudritshodhan - Niyam, Mudritshodhan chinhe	30	100 %	Nil	NA	-
TYBA (Sem-I)	NA	<i>Varnnatmak Bhashavidyan bhag - 1</i>	1. Bhasha - Svarup, Vaishishtye 2. Svanvichar 3. Svanimvichar 4. Fild Visit	45	100 %	Nil	NA	-
TYBA (Sem-I)	NA	<i>Karyakram Sanyojanatil Bhashik Kaushlye vikas - Bhag - 1 - SEC</i>	1. Karyakramanche Svarup, Prakar 2. Karyakram Sanyojanatil Vividh Ghatak 3. Karyakram Sanyojanatil Bhashik Kaushlye	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-I)	NA	<i>Upyojit Marathi</i>	1 Bhasha ani Jivanvyavhar 2 arja Lekhan 3 Prasarmadhymansathi Lekhan	30	100 %	Nil	NA	
MA I (Sem-I)	NA	<i>Marathi Sahityacha Itihas 1818 - 1920</i>	1. Sahityetihas - Svarupmimansa 2. Avval Ingraji Klakhyandatil Sahity- Prerna, Pravrutti 3. 1818 - 1874 Kalatil sahitya - Prerna, pravrutti, Swarup 4. 1874 - 1920 Kalatil sahitya - Prerna, pravrutti, Swarup	60	100 %	Nil	NA	-



Signature of faculty



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G. M. D. Arts, B. W. Commerce and  
Science College, Sinnar Dist. Nashik




G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Marathi

**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - R. B. Ugale**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCom (Sem-II)	B	<i>Bhasha ani Kaushalyvikas</i>	1. Arja va Patralekhan 2. Prashasanik Marathi 3. Pragat Bhashik Kaushalye 4. Jahirat Lekhan	45	100 %	Nil	NA	-
SYBA (Sem-II)	NA	<i>Upyojit Lekhankaushalye SEC</i>	1 Jahirat lekhan 2 Mulakhat lekhan 3 Mahitipar Nondi	30	100 %	Nil	NA	-
TYBA (Sem-II)	NA	<b>Varnnatmak Bhashavidyan bhag-2</b>	1. Rupimvichar 2. Vakyvichar 3. ArthVichar 4. Fild Visit	45	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA (Sem-II)	NA	<i>Karyakram Sanyojanatil Bhashik Kaushlye vikas - Bhag - 2 SEC</i>	1. Karyakram Sanyojanatil lekhan Kaushlye 2. nimantranpatrika, karyakrampatrika lekhan 3. Batmi va Ahaval lekhan 4. Karyakram Sanyojan	30	100 %	Nil	NA	-
SYBSc (Sem-II)	NA	<i>Marathi Sahitya</i>	1 Nibandh Lekhan 2 Marathi Katha Darshan	30	100 %	Nil	NA	-
MA I (Sem-IV)	NA	<i>Marathi Sahityacha Itihas - 1920 te 2010</i>	1. 1920-1945 Kalatil sahitya - Prerna, pravrutti, Swarup 2. 1945-1960 Kalatil sahitya - Prerna, pravrutti, Swarup 3. 1960 - 1990 Kalatil sahitya - Prerna, pravrutti, Swarup 4. 1990 - 2010 Kalatil sahitya - Prerna, pravrutti, Swarup	60	100 %	Nil	NA	-

  
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Science College, Simnar Dist. Nashik



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of History

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)


Name of the Faculty: - Prof. S. R. More


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	B	Early India: From Prehistory to the Age of the Mauryas	1. Early India: Sources and Prehistory Shares and Mutual Funds 2. Harappan Culture: Bronze Age Civilization Measures of Central Tendency and Measures of Dispersion 3. Vedic Culture, Religious Protest: Jainism and Buddhism 4. Emergence of the Mahajanpadas and the Age of the Mauryas	48	100 %	Nil	NA	-


Page 1 of 3

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA S-1 (Sem-III)	-	Medieval India - Sultanate Period (23171)	<ol style="list-style-type: none"> <li>1. Foundation of the Delhi Sultanate</li> <li>2. The early Sultans of Delhi and their contributions .</li> <li>3. Expansion of Sultanate</li> <li>4. Kingdoms of Vijayanagar and Bahamani</li> </ol>	48	100 %	Nil	NA	-
TYBA S-3 (Sem- V)		Introduction to Historiography (35171)	<ol style="list-style-type: none"> <li>1. Meaning and Scope of History</li> <li>2. Sources of Historical Research</li> <li>3. Preliminary Operations</li> <li>4. Synthetic Operations</li> </ol>	48	100 %	Nil	NA	-
TYBA G-3 (Sem-V)	A	Indian National Movement (1885-1947) (35174)	<ol style="list-style-type: none"> <li>1. Rise and Growth of Indian Nationalism</li> <li>2. Mass Movement</li> <li>3. Towards Independence and Partition.</li> <li>4. Towards Independence and Partition.</li> </ol>	48	100 %	Nil	NA	-
TYBA- SEC		South Indian Art and Architecture (35176)	<ol style="list-style-type: none"> <li>1. Introduction to Principles of Auditing and Audit Process</li> </ol>	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBA SEC (Sem-V)			2. Introduction to Sculpture 3. Introduction to Architecture 4. Audit of Computerized Systems & Forensic Audit					

  
 Signature of faculty  
 (S.R. More)

  
 Head, Dept. of History  
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**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Prof. S. R. More**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	B	Early India: Post Mauryan Age to the Rashtrakutas (12172)	1. Central Asian Contacts and the Age of the Shung-Satvahanas Linear Programming Problems (LPP) (for two variables only) 2. Early History of South India Index numbers 3. North India: Gupta and Harshvardhan 4. Regional Kingdoms: A Brief Histor	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYB (Sem-IV)		Medieval India: Mughal Period (24171)	<ol style="list-style-type: none"> <li>1. Foundation of Mughal Empire</li> <li>2. The Consolidation of the Mughal Empire</li> <li>3. Administrative systems</li> <li>4. Economy, Society and Culture</li> </ol>	48	100 %	Nil	NA	-
TYBA S-3 (Sem-V)		Applied History (36171)	<ol style="list-style-type: none"> <li>1. Applied History</li> <li>2. Archaeology and Archives</li> <li>3. Mass Media and Applied History</li> <li>4. Project Work</li> </ol>	48	100 %	Nil	NA	-
TYBA G-3 (Sem-V)		India After Independence- (1947-1991) (36174)	<ol style="list-style-type: none"> <li>1. Challenges after Independence</li> <li>2. India's Foreign Policy</li> <li>3. Domestic Policy</li> <li>4. Economic Policy</li> </ol>	48	100 %	Nil	NA	-
TYBA SEC (Sem-VI)		Heritage Management (36176)	<ol style="list-style-type: none"> <li>1. Heritage</li> <li>2. Heritage Tourism</li> <li>3. Heritage Site Management</li> </ol>	30	100 %	Nil	NA	-

*S.R. More*  
Signature of faculty  
(S.R. More)

*S.R. More*  
Head, Dept. of History  
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and Science College, Sinnar

*S.R. More*  
Principal  
**PRINCIPAL**  
Page 2 of 2  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik



**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Prof. S. M. Gade**


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-I)	C	Early India: From Prehistory to the Age of the Mauryas (11171)	<ol style="list-style-type: none"><li>1. Early India: Sources and Prehistory Shares and Mutual Funds</li><li>2. Harappan Culture: Bronze Age Civilization Measures of Central Tendency and Measures of Dispersion</li><li>3. Vedic Culture, Religious Protest: Jainism and Buddhism</li><li>4. Emergence of the Mahajanpadas and the Age of the Mauryas</li></ol>	48	100 %	Nil	NA	-




Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
<b>SYBA S-2 (Sem-III)</b>		Glimpses of the Modern World - Part I (23171)	<ol style="list-style-type: none"> <li>1. The Modern Age</li> <li>2. The Age of Revolutions</li> <li>3. Nationalism</li> <li>4. World War I and Rise of Communism</li> </ol>	48	100 %	Nil	NA	-
<b>SYBA G-2 (Sem-III)</b>		History of the Marathas: (1630-1707) (23174)	<ol style="list-style-type: none"> <li>1. Sources and Rise of the Maratha Power</li> <li>2. Foundation of Swarajya to the Coronation, Karnataka Expedition</li> <li>3. Administration under Chhatrapati Shivaji Maharaj</li> <li>4. Chhatrapati Sambhaji Maharaj to the Maratha War of Independence</li> </ol>	48	100 %	Nil	NA	-
<b>TYBA S-4 (Sem-V)</b>		Maharashtra in the 19th Century (36172)	<ol style="list-style-type: none"> <li>1. Foundation of British Power in Maharashtra</li> <li>2. Reformism in Maharashtra</li> <li>3. Uprising and Political Agitation</li> <li>4. Economic Transformation in Maharashtra</li> </ol>	48	100 %	Nil	NA	
<b>SYBA SEC</b>		Art and Architecture of Early India (From 3000 B.C. to 12th Century)	<ol style="list-style-type: none"> <li>1. Mauryan and Mauryan Art and Architecture</li> <li>2. Mauryan Art and Architecture</li> </ol>	30	100 %	Nil	NA	

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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-VI)		(23176)	3. Gupta and Harsha's Times 4. Chalukyas, Cholas, Pratihars, Pals and Rashtrakuta Times					

  
Signature of faculty  
(S.M. Gode)

  
Head, Dept. of History  
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Principal  
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G.M.D.Arts, B.W.Commerce and  
Science College, Sinnar, Dist. Nashik




**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Prof. S. M. Gade**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBA (Sem-II)	C	Early India: Post Mauryan Age to the Rashtrakutas (12172)	1. Central Asian Contacts and the Age of the Shung-Satvahanas Linear Programming Problems (LPP) (for two variables only) 2. Early History of South India Index numbers 3. North India: Gupta and Harshvardhan 4. Regional Kingdoms: A Brief Histor	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBA S-2 (Sem-IV)		Glimpses of the Modern World - Part II (24171)	<ol style="list-style-type: none"> <li>1. Nationalist Movements in Asia and Africa</li> <li>2. Rise of Dictatorship</li> <li>3. World War II and the Rise of World Power</li> <li>4. Cold War and Third World</li> </ol>	48	100 %	Nil	NA	-
SYBA G-2 (Sem-IV)		History of the Marathas: (1707-1818) (24174)	<ol style="list-style-type: none"> <li>1. Consolidation and Expansion of the Maratha Power</li> <li>2. Strengthening of the Maratha Power</li> <li>3. Post Panipat Revival and Downfall</li> <li>4. Administration and Society during Peshwa Period</li> </ol>	48	100 %	Nil	NA	-
TYBA S-4 (Sem-VI)		History of Maharashtra in the 20th Century (36172)	<ol style="list-style-type: none"> <li>1. Thoughts and work of Intellectuals</li> <li>2. Industrial and Economic Development of Maharashtra</li> <li>3. Movements in 20th Century Maharashtra</li> <li>4. Integration and Reorganization of</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Maharashtra					
SYBA SEC (Sem-IV)		Medieval Indian Arts and Architecture (1206 To 1857) (24176)	1. Sultanate Art & Architecture 2. Deccan Art & Architecture 3. Sur Art & Architecture 4. Mughal Art & Architecture	30	100 %	Nil	NA	-

  
Signature of faculty  
S.M. Gode

  
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Science College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Commerce

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)



Name of the Faculty: - Dr. Ganesh R. Patil

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-I)	A	Business Mathematics and Statistics I (114A)	1. Interest and Annuity 2. Shares and Mutual Funds 3. Population and Sample 4. Measures of Central Tendency and Measures of Dispersion	48	100 %	Nil	NA	-
FYBCOM (Sem-I)	B	Business Mathematics and Statistics I (114A)	1. Interest and Annuity 2. Shares and Mutual Funds 3. Population and Sample 4. Measures of Central Tendency and Measures of Dispersion	48	100 %	Nil	NA	-

Dr. Ganesh R. Patil

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-I)	C	Business Mathematics and Statistics I (114A)	<ol style="list-style-type: none"> <li>1. Interest and Annuity</li> <li>2. Shares and Mutual Funds</li> <li>3. Population and Sample</li> <li>4. Measures of Central Tendency and Measures of Dispersion</li> </ol>	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	A	Auditing and Taxation (354)	<ol style="list-style-type: none"> <li>1. Introduction to Principles of Auditing and Audit Process</li> <li>2. Checking, Vouching and Audit Report</li> <li>3. Company Audit and Tax Audit</li> <li>4. Audit of Computerized Systems&amp; Forensic Audit</li> </ol>	48	100 %	Nil	NA	
TYBCOM (Sem-V)	B	Auditing and Taxation (354)	<ol style="list-style-type: none"> <li>5. Introduction to Principles of Auditing and Audit Process</li> <li>6. Checking, Vouching and Audit Report</li> <li>7. Company Audit and Tax Audit</li> <li>8. Audit of Computerized</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Systems& Forensic Audit					
MCOM (Sem-III)	A	Research Methodology for Business (302)	<ol style="list-style-type: none"> <li>1. Introduction to Business Research</li> <li>2. Formulation of the Research Problem, Development of the Research Hypotheses, Research Design&amp; Sampling</li> <li>3. Data Collection, Measurement &amp; Scaling, Processing of Data: Sources of Data Collection</li> <li>4. Research Report and Mode of Citation &amp; Bibliography</li> </ol>	48	100 %	Nil	NA	-

*(G.R.)*

Signature of faculty  
(Dr. G.R. PATIL)

*(G.R.)*

Head, Department of Commerce  
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And Science College, Sinnar

*(R.K.)*

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Science College, Sinnar, Dist. Nashik



**G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik**  
**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**



Name of the Faculty: - Prof. Kardak S. B.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-III)	A	Business Management (234)	1. Management 2. Understanding Management: Planning and Decision-Making Soft Skills 3. Management at Work: The process of organizing and staffing 4. Result orientation: Direction and team Work	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	B	Business Management (234)	1. Management 2. Understanding Management: Planning and	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Decision-Making Soft Skills 3. Management at Work: The process of organizing and staffing 4. Result orientation: Direction and Team Work					
SYBCOM (Sem-III)	A	Business Administration- I (246A)	1. Introduction to Business Administration 2. Types of Business Organisations 3. Business Environment 4. Business Promotion and development	48	100 %	Nil	NA	-
FYBCOM (Sem-III)	C	Theory and Practice of Co-operation- II(115E)	1. Co-operation- 2. History of Co-operative Movement in India 3. Development of Co-operative	48	100 %	Nil	NA	-





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Movement in India in post Independent Era 4. Government and Co-operative Movement					
TYBCOM (Sem-V)	A	Business Administration-III (366A)	1. Production Management Functions 2. Plant Location and Plant Layout 3. Inventory management & Quality Management 4. Supply Chain Management and Logistics management	48	100 %	Nil	NA	
MCOM-II (Sem-III)	A	RESEARCH METHODOLOGY FOR BUSINESS (302)	1. Introduction to Business Research 2. Formulation of the Research Problem, Development of the Research Hypotheses, Research Design & Sampling 3. Data Collection, Measurement & Scaling, Processing of Data: Sources of Data					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
			Collection: 4. Research Report and Mode of Citation & Bibliography:					



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Signature of faculty

*[Handwritten signature]*

Head, Dept. of Commerce  
**HEAD**  
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 And Science College, Sinnar

*[Handwritten signature]*  
**PRINCIPAL**  
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 Science College, Sinnar, Dist. Nalgonda

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**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**




Name of the Faculty: - Prof. S.S. Tawade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-I)	A	<b>Business Environment and Entrepreneurship (116E)</b>	<ol style="list-style-type: none"> <li>1. Business Environment</li> <li>2. Environmental Issues</li> <li>3. Problems of Growth</li> <li>4. The Entrepreneur</li> </ol>	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	A	<b>Business Entrepreneurship-I (236G)</b>	<ol style="list-style-type: none"> <li>1. Entrepreneur and Entrepreneurship</li> <li>2. Innovative Entrepreneurs</li> <li>3. Innovations and Creativity</li> <li>4. Business Ethics and Business Social Responsibilities</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>TYBCOM</b> (Sem-V)	<b>A</b>	<b>Business Regulatory Framework (351)</b>	<ol style="list-style-type: none"> <li>1. The Indian Contract Act,1872</li> <li>2. The Indian Partnership Act,1932</li> <li>3. A Sale of Goods Act,1930</li> <li>4. Arbitration and Conciliation</li> </ol>	48	100 %	Nil	NA	-
<b>TYBCOM</b> (Sem-V)	<b>B</b>	<b>Business Regulatory Framework (351)</b>	<ol style="list-style-type: none"> <li>1. The Indian Contract Act,1872</li> <li>2. The Indian Partnership Act,1932</li> <li>3. A Sale of Goods Act,1930</li> <li>4. Arbitration and Conciliation</li> </ol>	48	100 %	Nil	NA	-
<b>M.Com-I</b> (Sem-I)	<b>B</b>	<b>Advanced Accounting (103)</b>	<ol style="list-style-type: none"> <li>1. Basic concepts of accounting</li> <li>2. Consolidated Financial Statements</li> <li>3. Liquidation Of Company</li> </ol>	48	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. Valuation of Shares and Goodwill					

  
Signature of faculty

  
HEAD  
DEPARTMENT OF COMMERCE  
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Head, Dept. of Commerce

  
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**G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik**  
**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

Name of the Faculty: - Prof. R. N. Sonawane

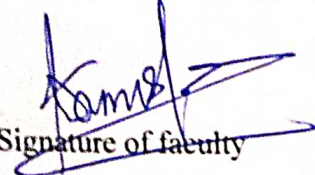
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM	B	Consumer Protection & Business Ethics 111D	1. Consumer Protection - An Overview 2. Consumer Education and Awareness 3. Consumer Protection Law in India 4. E -Commerce and consumer Protection	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	A	Elements of Company Law (235)	5. The Company Act 2013 6. Formation & Incorporation of a Company 7. Principal Documents 8. Capital of the company	48	100 %	Nil	NA	-

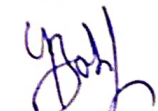



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-III)	B	Elements of Company Law (235)	<ol style="list-style-type: none"> <li>1. The Company Act 2013</li> <li>2. Formation &amp; Incorporation of a Company</li> <li>3. Principal Documents</li> <li>4. Capital of the company</li> </ol>	48	100 %	Nil	NA	-
TYBCOM (Sem-V)	A	Business Entrepreneurship (Special Paper II) 355 (g)	<ol style="list-style-type: none"> <li>1. MICRO SMALL AND MEDIUM ENTERPRISES (MSME) POLICY 2020:</li> <li>2. FORMATION OF MSME:</li> <li>3. BUSINESS PLAN PREPARATION AND PROJECT REPORT:</li> <li>4. PROJECT ASSISTANCE</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBCOM (Sem-V)	A	Business Entrepreneurship (Special Paper III)  356(g)	<ol style="list-style-type: none"> <li>1. Organizational Behavior for Entrepreneurship</li> <li>2. Individual Behavior and Personality for Entrepreneurship</li> <li>3. The Study of Autobiographies of Entrepreneurs</li> <li>4. Group and Group Dynamics for Entrepreneurship</li> </ol>	48	100 %	Nil	NA	
TYBCOM (Sem-V)	B	Business Entrepreneurship (Special Paper II)  355 (g)	<ol style="list-style-type: none"> <li>5. MICRO SMALL AND MEDIUM ENTERPRISES (MSME) POLICY 2020:</li> <li>6. FORMATION OF MSME:</li> <li>7. BUSINESS PLAN PREPARATION AND PROJECT REPORT:</li> <li>8. PRO. ASSISTANCE</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBCOM (Sem-V)	B	Business Entrepreneurship (Special Paper III) 356(g) †	5. Organizational Behaviour for Entrepreneurship 6. Individual Behaviour and Personality for Entrepreneurship 7. The Study of Autobiographies of Entrepreneurs 8. Group and Group Dynamics for Entrepreneurship	48	100 %	Nil	NA	
M.Com	A	Subject Code: DC 2.4: Strategic Management	1. Concept of Strategy: 2. Environmental Analysis and Diagnosis: 3. Formulation, Choice, Implementation and Evaluation of Strategy: 4. Managing Innovation & Restructuring:	48	100 %	Nil	NA	†

  
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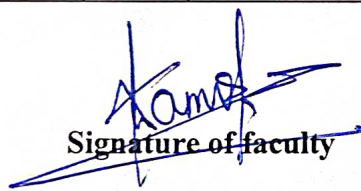
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**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**


**Name of the Faculty: - Prof. R. N. Sonawane**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM	B	<b>Consumer Protection &amp; Business Ethics (111D)</b>	1. Consumer Protection - An Overview 2. Consumer Education and Awareness 3. Consumer Protection Law in India 4. E-Commerce and consumer Protection	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	A	<b>Elements of Company Law (235)</b>	5. The Company Act 2013 6. Formation & Incorporation of a Company 7. Principal Documents 8. Capital of the company	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
<b>SYBCOM (Sem-III)</b>	B	<b>Elements of Company Law (235)</b>	<ol style="list-style-type: none"> <li>1. The Company Act 2013</li> <li>2. Formation &amp; Incorporation of a Company</li> <li>3. Principal Documents</li> <li>4. Capital of the company</li> </ol>	48	100 %	Nil	NA	-
<b>TYBCOM (Sem-V)</b>	B	<b>Business Entrepreneurship (Special Paper II) 355 (a)</b>	<ol style="list-style-type: none"> <li>1. Introduction to Marketing</li> <li>2. Marketing Mix &amp; Market Segmentation</li> <li>3. Product Management &amp; Pricing Management</li> <li>4. Promotion, Distribution &amp; Recent Trends in Marketing</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBCOM (Sem-V)	B	Business Entrepreneurship (Special Paper III)  356(g)	<ol style="list-style-type: none"> <li>1. Organizational Behaviour for Entrepreneurship</li> <li>2. Individual Behaviour and Personality for Entrepreneurship</li> <li>3. The Study of Autobiographies of Entrepreneurs</li> <li>4. Group and Group Dynamics for Entrepreneurship</li> </ol>	48	100 %	Nil	NA	

  
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 Department of Commerce  
 Syllabus Completion Report - Year -2021-22  
 (U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Smt.K.S.Shete

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-III)	A	Business Communication (231)	1. Introduction of Business Communication 2. Business Letters 3. Soft Skills 4. Resume Writing & Job Application	48	100 %	Nil	NA	-
SYBCOM (Sem-III)	B	Business Communication (231)	1. Introduction of Business Communication 2. Business Letters 3. Soft Skills 4. Resume Writing & Job Application	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
TYBCOM (Sem-V)	A	Marketing Management-III (356H)	<ol style="list-style-type: none"> <li>1. Introduction to Advertising</li> <li>2. Appeals &amp; Approaches in Advertisement</li> <li>3. Economic, Social &amp; Regulatory Aspects of Advertising</li> <li>4. Brands and Brands Management</li> </ol>	48	100 %	Nil	NA	
MCOM (Sem-III)	A	Specialised Auditing (307)	<ol style="list-style-type: none"> <li>1. Audit under Tax Laws</li> <li>2. Internal Audit</li> <li>3. Audit of Banks</li> <li>4. Audit of Co-operative Societies</li> </ol>	48	100 %	Nil	NA	

*[Signature]*  
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*[Signature]*  
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Department of Commerce




**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**


**Name of the Faculty: - Dr. Ganesh R. Patil**


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-II)	A	Business Mathematics and Statistics II (124A)	1. Matrices and Determinants (up to order 3 only) 2. Linear Programming Problems (LPP) (for two variables only) 3. Correlation and Regression 4. Index numbers	48	100 %	Nil	NA	-
FYBCOM (Sem-II)	B	Business Mathematics and Statistics II (124A)	1. Matrices and Determinants (up to order 3 only) 2. Linear Programming Problems (LPP) (for	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			two variables only) 3. Correlation and Regression 4. Index numbers					
FYBCOM (Sem-II)	C	Business Mathematics and Statistics II (124A)	1. Matrices and Determinants (up to order 3 only) 2. Linear Programming Problems (LPP) (for two variables only) 3. Correlation and Regression 4. Index numbers	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Auditing and Taxation (364)	1. Income Tax Act1961- Important Definitions and Concepts 2. Sources and Computation of Taxable Income under the various Heads of Income 3. Computation of Total	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Taxable Income (TTI)and tax liability 4. E-Filing and E-provisions					
TYBCOM (Sem-VI)	B	Auditing and Taxation (364)	1. Income Tax Act1961- Important Definitions and Concepts 2. Sources and Computation of Taxable Income under the various Heads of Income 3. Computation of Total Taxable Income (TTI)and tax liability 4. E-Filing and E-provisions	48	100 %	Nil	NA	-

  
 Signature of faculty  
 (DR. G.R. PATIL)

  
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**G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik**  
**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

Name of the Faculty: - Prof. Kardak S. B.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-IV)	A	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in Business management	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	B	Business Management (244)	1.Improving peoples' performance: Motivating the staff 2. organizing from front Leadership Skills 3. Achieving success at work: Coordination and Control 4. Emerging trends in	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Business management					
SYBCOM (Sem-IV)	A	Business Administration- I (246A)	<ol style="list-style-type: none"> <li>1. Legal Aspects (Recent Trends)</li> <li>2. Productivity</li> <li>3. Business Liaoning</li> <li>4. Business Alliances (growth strategies)</li> </ol>	48	100 %	Nil	NA	-
FYBCOM (Sem-IV)	A	Theory and Practice of Co-operation- II (125E)	<ol style="list-style-type: none"> <li>1. types of Co operative</li> <li>2. Co-operative Management</li> <li>3. Impact of Liberalization, Privatization and Globalization on Co-operative movement</li> <li>4. Co-operative Education and Training:</li> </ol>	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Business Administration-III	<ol style="list-style-type: none"> <li>1. Production Management Functions</li> </ol>	48	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		(366A)	2. Plant Location and Plant Layout 3. Inventory management & Quality Management 4. Supply Chain Management and Logistics management					



Signature of faculty



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**G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik**  
**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

Name of the Faculty: - Prof. S.S. Tawade

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-II)	A	Business Environment and Entrepreneurship (126E))	<ol style="list-style-type: none"> <li>1. Entrepreneurial Behaviour</li> <li>2. Entrepreneurship</li> <li>3. Institutions working for Entrepreneurship Promotion</li> <li>4. Study of Entrepreneurs</li> </ol>	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	A	Business Entrepreneurship-I (246G)	<ol style="list-style-type: none"> <li>1. Group Entrepreneurship</li> <li>2. Various Environmental Opportunities</li> <li>3. Study of Entrepreneurs and Enterprises</li> <li>4. Challenges in</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Entrepreneurship Development					
TYBCOM (Sem-VI)	A	Business Regulatory Framework (361)	<ol style="list-style-type: none"> <li>1. Negotiable Instrument Act,1881</li> <li>2. E-Contract and E-Commerce</li> <li>3. The Consumer Protection Act 2019</li> <li>4. Intellectual Property Rights</li> </ol>	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	B	Business Regulatory Framework (361)	<ol style="list-style-type: none"> <li>1. Negotiable Instrument Act,1881</li> <li>2. E-Contract and E-Commerce</li> <li>3. The Consumer Protection Act 2019</li> <li>4. Intellectual Property Rights</li> </ol>	48	100 %	Nil	NA	-
M.Com-II	A	Capital Market and Financial Services	<ol style="list-style-type: none"> <li>1. Capital Market</li> <li>2. Share Market</li> <li>3. Financial Services</li> </ol>	48	100 %	Nil	NA	



G.M.D. Arts, B.W. Commerce and Science College, Sinnar. Dist.- Nashik  
 Department of Commerce  
 Syllabus Completion Report - Year -2021-22  
 (U.G. /P.G.) (Even Semester)



Name of the Faculty: - Prof. Sonawane R. N.

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCOM (Sem-II)	B	Consumer Protection & Business Ethics (126 D)	1. Business Ethics 2. Corporate Social Responsibility 3. Corporate Governance and Business ethics 4. Sustainable Development and Ethics	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	A	Elements of Company Law (245)	1. Management of Company, 2. Key Managerial Personnel (KMP) 3. Company Meetings 4. E Governance and Winding up Company	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	B	Elements of Company Law (245)	1. Management of Company, 2. Key Managerial Personnel (KMP) 3. Company Meetings	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. E Governance and Winding up Company					
TYBCOM (Sem-VI)	A	Business Entrepreneurship (365 G) II	1. BUSINESS PLAN (BP) IMPLEMENTATION 2. MSME MANAGEMENT: 3. BUSINESS CRISES AND SICKNESS, 4. INTRODUCTION TO START UP INDIA SCHEME:	48	100 %	Nil	NA	
TYBCOM (Sem-IV)	A	Business Entrepreneurship (366 G) III	1. Team Building in Entrepreneurship 2. Stress and Conflict Management in Entrepreneurship 3. Motivation for Entrepreneurs 4. Digital Marketing for Entrepreneurship	48	100 %	Nil	NA	-

Signature of faculty

(R.N. Sonawane)

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Page 2 of 3



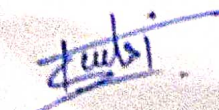
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**Department of Commerce**  
**Syllabus Completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**


Name of the Faculty: - Smt.K.S.Shete


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCOM (Sem-IV)	A	Business Communication (241)	1. Report Writing and Internal Correspondence 2. Recent Trends in Business Communication 3. Types & Drafting of Business Letters 4. Writing Formal Mails & Blog Writing	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	B	Business Communication (241)	1. Report Writing and Internal Correspondence 2. Recent Trends in Business Communication 3. Types & Drafting of	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Business Letters 4. Writing Formal Mails & Blog Writing					
SYBCOM (Sem-IV)	A	Marketing Management-I (246H)	1. Green Marketing 2. E-Marketing 3. Digital Marketing 4. International Marketing	48	100 %	Nil	NA	-
SYBCOM (Sem-IV)	A	Environmental Awareness	1. Environmental Pollution 2. Environmental Policies & Practices 3. Human Communities & the Environment 4. Field Visit	48	100 %	Nil	NA	-
TYBCOM (Sem-VI)	A	Business Administration-II (365A)	1. Introduction to Marketing 2. Marketing Mix & Market Segmentation 3. Product Management & Pricing Management 4. Promotion,	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Distribution & Recent Trends in Marketing					
TYBCOM (Sem-VI)	A	Marketing Management-III (36611)	<ol style="list-style-type: none"> <li>1. Service Marketing</li> <li>2. Creative Advertisement</li> <li>3. Introduction to Social Media Marketing</li> <li>4. Marketing Control &amp; Audit</li> </ol>	48	100 %	Nil	NA	-
MCOM-I (Sem-II)	A	Specialised Area in Accounting (203)	<ol style="list-style-type: none"> <li>1. Accounting for Construction Contracts &amp; Introduction to RERA</li> <li>2. Accounting for Corporate Restructuring</li> <li>3. Services Sector Accounting</li> <li>4. Accounts and Records under GST</li> </ol>	48	100 %	Nil	NA	-

  
Signature of faculty

  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Botany



**Syllabus completion Report - Year -2021-22**

**Name of the Faculty: - Mr. More Akshay Vijay**

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Sem-II)	BO-121 Principles of plant science	1. Plant Physiology & Cell Biology 2. Molecular Biology.	30	100 %	Nil	NA	-
TYBSc (Sem-II)	BO 363 Plant Pathology	1. Fundamentals of Plant Pathology 2. Disease Development 3. Defense Mechanisms 4. Methods of Studying Plant Diseases 5. Fungal Plant Diseases 6. Bacterial Plant Diseases 7. Mycoplasma Plant Diseases 8. Nematodal Plant Diseases 9. Viral Plant Diseases 10. Non-Parasitic Diseases	30	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		11. Principles of plant diseases control					
TYBSc (Sem-II)	BO 364 Evolution and Population genetics	<ol style="list-style-type: none"> <li>1. Organic Evolution</li> <li>2. Evidences of Evolution</li> <li>3. Evolution Through Ages</li> <li>4. Population Genetics and Evolution</li> <li>5. Speciation and Isolating Mechanisms</li> </ol>	30	100 %	Nil	NA	-
TYBSc (Sem-II)	BO 366 Plant Breeding and Seed Technology	<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Techniques and practices of plant breeding</li> <li>3. Advanced techniques in Plant breeding</li> <li>4. Introduction to Seed Technology</li> <li>5. Seed legislation</li> <li>6. Seed Production</li> <li>7. Seed Certification</li> <li>8. Seed Certification</li> <li>9. Seed Pathology and Entomology</li> <li>10. Seed Storage</li> </ol>	30	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-II)	BO 3610 Nursery and Gardening Management	1. Nursery 2. Seed 3. Vegetative propagation 4. Gardening 5. Sowing/raising of seeds and seedlings	30	100 %	Nil	NA	-
TYBSc (Sem-II)	BO 3611 Biofertilizers	1. Introduction 2. Bacterial Biofertilizers 3. Algal Biofertilizers 4. Fungal Biofertilizers 5. Compost and Manure	30	100 %	Nil	NA	-

*A. W. P.*  
Signature of faculty

*A. W. P.*  
Head, Dept. of Botany  
**HEAD**  
**DEPARTMENT OF BOTANY**  
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and Science College, Sinnar

*A. W. P.*  
Principal  
**PRINCIPAL**  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Botany



**Syllabus completion Report - Year -2021-22**

**Name of the Faculty: - Mr. More Akshay Vijay**

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Sem-I)	Bo-111 Plant Morphology and Anatomy	1. Morphology 2. Morphology of reproductive parts. 3. Anatomy 4. Types of tissue 5. Internal organization of primary plant body.	30	100 %	Nil	NA	-
TYBSc (Sem-I)	BO 353 Spermatophyta and Paleobotany	1. Origin of angiosperms 2. Speciation & Endemism 3. Classification 4. Herbaria and Botanical Gardens	30	100 %	Nil	NA	-
TYBSc (Sem-I)	BO 355 Cell and Molecular Biology	1. Introduction to Cell Biology 2. Cell organelles 3. Nucleus 4. Chromosomes 5. Cell signaling	30	100 %	Nil	NA	-

Page 1 of 3

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		6. Genetic material DNA 7. DNA replication 8. Gene expression 9. Translation 10. Regulation of gene expression					
<b>TYBSc (Sem-I)</b>	<b>BO 356 Genetics</b>	1. Introduction to Genetics 2. Mendelism 3. Neo Mendelism (Gene Interaction) 4. Multiple alleles 5. Linkage, Recombination and Crossing Over 6. Mutation 7. Numerical alterations of chromosomes 8. Structural alterations of chromosomes 9. Cytoplasmic & Quantitative Inheritance 10. Sex Linked Inheritance	30	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-I)	BO 3510 Medicinal Botany	<ol style="list-style-type: none"> <li>1. Medicinal Plants</li> <li>2. Indigenous Medicinal Sciences</li> <li>3. Ayurveda</li> <li>4. Siddha</li> <li>5. Unani</li> <li>6. Conservation of endangered and endemic medicinal plants</li> <li>7. Propagation of Medicinal Plants</li> <li>8. Ethnobotany and Folk medicines</li> <li>9. Folk medicines</li> </ol>	30	100 %	Nil	NA	-
TYBSc (Sem-I)	BO 3511 Plant Diversity and Human Health	<ol style="list-style-type: none"> <li>1. Plant diversity</li> <li>2. Agrobiodiversity</li> <li>3. Loss of Biodiversity</li> <li>4. Management of Plant Biodiversity</li> <li>5. Conservation of Biodiversity</li> <li>6. Role of plants in relation to Human Welfare</li> </ol>	30	100 %	Nil	NA	-

*Ans*  
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**HEAD**  
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College, Sinnar

*Ans*  
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G.M.D. Arts, B.W. Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
 Department of Chemistry  
**Syllabus completion Report - Year -2021-22**  
 (U.G.) (Odd Semester)



Name of the Faculty: - Dr. Manoj R. Gaware

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B. Sc. (Sem-V)	A	Physical Chemistry-I Statistics I (CH-501)	1. Quantum Chemistry 2. Investigation of Molecular Structure 3. Photochemistry	36	100 %	Nil	NA	-
T.Y.B. Sc. (Sem-V)	A	Practical (CH-503)	1. To determine the molecular refractivity of the given liquids A, B, C and D. 2. To determine the specific refractivity's of the given liquids A and B and their mixture and hence determine the percentage composition their mixture C. 3. To titrate $\text{Cu}^{2+}$ ions with	73	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			<p>EDTA photometrically.</p> <ol style="list-style-type: none"><li>4. To determine the indicator constant of methyl red indicator</li><li>5. To estimate of <math>Fe^{3+}</math> ions by thiocyanate method.</li><li>6. Titration of a mixture of weak acid and strong acid with strong alkali.</li><li>7. Titration of a mixture of weak acid and strong acid with strong alkali.</li><li>8. To determine <math>\lambda_{\infty}</math> of strong electrolyte (NaCl or KCl) and to verify Onsager equation.</li><li>9. To determine the relative strength of monochloro acetic</li></ol>				

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			acid and acetic acid conductometrically. 10. Determine the radius of glycerol molecule from viscosity measurement. 11. Analysis of the given vibration-rotation spectrum of HCl(g). 12. Analysis of Riboflavin from vitamin supplementary capsules / syrup / tablet sample by Photofluometry.				



*P. Pawar*

Signature of faculty

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Chemistry



Syllabus completion Report - Year -2021-22  
(U. G.) (Even Semester)

Name of the Faculty: - Dr. Manoj R. Gaware

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B. Sc. (Sem-V)	A	Physical Chemistry-I (CH-601)	1. Electrochemical Cells 2. Crystal structure 3. Nuclear Chemistry	36	100 %	Nil	NA	-
T.Y.B. Sc. (Sem-V)	A	Practical (CH-603)	1. To determine the $pK_a$ value of given monobasic weak acid by potentiometric titration.  2. To determine the formal redox potential of $Fe^{2+}/Fe^{3+}$ system	73	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			<p>potentiometrically.</p> <p>3. To determine the composition of Zinc ferrocyanide complex potentiometrically.</p> <p>4. Estimate the amount of Cl-, Br- and I- in given unknown halide mixture by titrating it against standard AgNO<sub>3</sub> solution.</p> <p>5. To prepare standard 0.2 M Na<sub>2</sub>HPO<sub>4</sub> and 0.1 M Citric acid solution, hence prepare four different buffer solutions using them. Determine the pH value of these and unknown solution.</p>				



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			6. To determine the degree of hydrolysis of aniline hydrochloride. 7. To determine the dissociation constant of oxalic acid by pH-metric titration with strong base. 8. Determination of Pka of given weak acid by pH metry titration with strong base. 9. To determine the molecular weight of solute by depression in freezing point method. 10. To determine the				



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			molecular weight of a given polymer by turbidometry.  11. Analysis of crystal structure from X-ray diffraction spectra of any two compounds.  12. To determine plateau voltage of the given G M counter.				



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**Syllabus completion Report - Year -2022-23**

**(U.G./P.G.) (Odd Semester)**

**Name of the Faculty: - Mr. Dhanraj Govinda Bahiram**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.B.Sc. (Sem-I)	A	Physical Chemistry I (CH-101)	1. Chemical Energetics 2. Chemical Equilibrium 3. Ionic Equilibria	36	100 %	Nil	NA	-
	B	Physical Chemistry I (CH-101)	1. Chemical Energetics 2. Chemical Equilibrium 3. Ionic Equilibria	36	100 %	Nil	NA	-
F.Y.B.Sc. (Sem-I)		Chemistry Practical (CH-103)	1. Section A: Chemical and Lab Safety 2. Section B: Physical Chemistry a. Thermochemistry (Any three)	46.8	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			3. Section C: Organic Chemistry b. Ionic equilibria (Two experiments)					



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**HEAD**

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**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - Mr. Dhanraj Govinda Bahiram**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
F.Y.B.Sc. (Sem-II)	A	Inorganic Chemistry (CH-201)	1. Atomic Structure 2. Periodic table and Periodicity of Elements 3. Chemical Bonding	36	100 %	Nil	NA	-
F.Y.B.Sc. (Sem-II)	B	Inorganic Chemistry (CH-201)	1. Atomic Structure 2. Periodic table and Periodicity of Elements 3. Chemical Bonding	36	100 %	Nil	NA	-
F.Y.B.Sc. (Sem-II)	-	Chemistry Practical (CH-203)	1. Section A: Inorganic Chemistry I] Synthesis of commercially important inorganic compounds (any two) II] Volumetric Analysis (Any Two) III] Analysis of Commercial products containing	46.8	100 %	Nil	NA	-

Class	Div	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			inorganic substances (any two) <b>2. Section B: Organic Chemistry</b> I] Organic Purification Techniques II] Organic preparations: Derivatives					

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**HEAD**

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**Principal**  
 G.M.D. Arts, B.W. Commerce and  
 Science College, Sinnar, Dist. Nashik

**Syllabus completion Report Year - 2021-22****(U.G./ P.G.) (Odd Semester)****Name of the Faculty: Mr. Dnyaneshwar Sanap**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-V)	--	Organic Chemistry-I (CH-507)	1. Polynuclear and Heteronuclear Aromatic Compounds 2. Polynuclear and Heteronuclear Aromatic Compounds 3. Rearrangement Reactions 4. Elimination reactions	36	100 %	Nil	NA	--
TYBSC (Sem-V)	--	Organic Chemistry Practical-I (CH-509)	A) Separation of Binary Mixtures and Qualitative Analysis (Any Six) B) Preparations a) Green Chemistry Preparations (Any Two) 1. Preparation of dibenzalpropanone from benzaldehyde and acetone using LiOH.H <sub>2</sub> O/NaOH 2. Nitration of phenol or substituted phenols using CaNO <sub>3</sub>	73	100 %	Nil	NA	--

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			b) Organic Preparations (Any Two) 1. Preparation of 1, 4-dihydropyrimidinone from ethyl acetoacetate, benzaldehyde and urea using oxalic acid as catalyst. 2. Preparation P-chloro benzoic acid and p-chloro benzyl alcohol from p-chloro benzaldehyde. C) Preparations of Organic Derivative (Any Two) 1. Glucosazone derivative of Glucose 2. Paracetamol from p-Aminophenol					

Signature of faculty

Head, Dept. of Chemistry

Principal

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**Syllabus Completion Report Year-2021-22**  
**(U.G./ P.G.) (Even Semester)**

**Name of the Faculty: Mr. Dnyaneshwar Sanap**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-VI)	--	Organic Chemistry-II (CH-607)	1. Introduction to Spectroscopy 2. Introduction to Spectroscopy 3. Infra-Red Spectroscopy 4. Infra-Red Spectroscopy 5. Combined problems based on U.V., I.R. and PMR spectroscopy 6. Stereochemistry of Disubstituted Cyclohexane and Decalin	36	100 %	Nil	NA	--
TYBSC (Sem-VI)	--	Organic Chemistry Practical-II (CH-609)	A) Interpretation of IR and NMR spectra (2 Experiments of each type) 1. Determination of functional group of organic compounds from given IR spectra.	36	100 %	Nil	NA	--

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			2. Determination of structure of organic compound from given NMR spectra. B) Organic Estimations (Any Three) 1. Estimation of glucose 2. Saponification value of oil 3. Estimation of Alkali content in Antacid using HCl. C) Organic Extractions (Any Three) 1. Caffeine from tea leaves 2. Eugenol from cloves 3. Lycopene from tomato peels D) Column chromatography 1. Separation of mixture of aldehyde and carboxylic acid by column chromatography 2. Separation of mixture of O-nitrophenol and P-nitrophenol by column chromatography					

  
Signature of faculty

  
Head, Dept. of Chemistry

  
Principal

Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - Smt. P.B.Gadakh

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-V)	-	Polymer chemistry	<ol style="list-style-type: none"> <li>1. Introduction and History of polymeric materials</li> <li>2. Polymerization chemistry</li> <li>3. Molecular weight of polymers</li> <li>4. Important Polymers</li> </ol>	36	100 %	Nil	NA	-
M.Sc-II (Sem-III)	-	CHO-350 -Organic Reaction mechanism and Biogenesis	<ol style="list-style-type: none"> <li>1. Methods for determining reaction mechanism</li> <li>2. Free Radicals</li> <li>3. Linear free energy relationship</li> <li>4. Terpenoids</li> <li>5. Alkaloids</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-III)	-	Chemistry practical	<ol style="list-style-type: none"> <li>1. Study of acid catalysed hydrolysis of an ester and determination of rate constant</li> <li>2. Study of saponification reaction</li> <li>3. Organic qualitative analysis</li> <li>4. Estimation of Fe (III) from given solution by green approach</li> <li>5. Preparation of benzoic acid from ethyl benzoate</li> <li>6. Preparation of Quinone from hydroquinone</li> <li>7. Estimation of aspirin</li> <li>8. Determination of Acetic acid in Vinegar</li> </ol>	36	100 %	Nil	NA	-
			6. The Shikimate pathway					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
M.Sc-II (Sem-IV) Practical	-	CHO-354-Solvent free organic synthesis	<ol style="list-style-type: none"> <li>1. Pinacol coupling reaction</li> <li>2. Knoevenagel reaction</li> <li>3. Corrole synthesis</li> <li>4. Claisen reaction</li> <li>5. Biginelli reaction</li> <li>6. Pechman reaction</li> <li>7. Calyx-4-resorcinone</li> <li>8. Cinnamic acid halogenation</li> <li>9. Beckmann rearrangement</li> <li>10. Caffeine and oxalic acid</li> <li>11. Baeyer villiger reaction</li> <li>12. Phenol bromination</li> </ol>	48	100 %	Nil	NA	-

Signature of faculty

*R. Padavan*

**HEAD** DEPARTMENT OF CHEMISTRY  
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*R. Pawar*

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Page 3 of 3

Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Smt. P.B.Gadakh

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B.Sc (Sem-VI)	-	Chemistry of soil and agrochemicals	<ol style="list-style-type: none"> <li>1. Soil chemistry</li> <li>2. Problematic soil and soil testing</li> <li>3. Fertilizers and Manures</li> <li>4. Protection of plants</li> <li>5. Laboratory methods of soil analysis</li> </ol>	36	100 %	Nil	NA	-
M.Sc-II (Sem-IV)	-	Concepts and Application of Medicinal Chemistry	<ol style="list-style-type: none"> <li>1. Introduction to proteins and peptides, cofactors, PPI's</li> <li>2. Synthesis and sequencing of peptides</li> <li>3. Introduction to medicinal chemistry</li> </ol>	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SVBSc (Sem-IV)	-	Chemistry practical	<ol style="list-style-type: none"> <li>1. Synthesis of tris (acetyl acetone)iron(III) by green chemistry approach</li> <li>2. Synthesis of tris (ethylenediamine) nickel(II) from Ni(II) salt.</li> <li>3. Study of the variation of mutual solubility temp. Of phenol-water system</li> <li>4. Study of the effect of added electrolyte on critical solution temperature of phenol-water system</li> <li>5. Preparation of sid</li> </ol>	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
M.Sc-II (Sem-IV) Practical	-	CHO--454- Convergent and Divergent Synthesis	<ol style="list-style-type: none"> <li>1. Beta-Naphthol to Synthetic dye</li> <li>2. Beta-Naphthol to 6-Bromo -2-naphthol</li> <li>3. Beta-Naphthol to beta-naphthyl methyl ether</li> <li>4. Beta-Naphthol to temperature dependent solutions of <math>KMnO_4</math> recording their absorbance</li> <li>6. Determination of the molecular weight of organic acid by titration against std <math>NaOH</math></li> <li>7. Determination of the amount of acetamide in given solution by volumetric method</li> <li>8. Determination of cell constant of the given cell using 0.01 M <math>KCl</math> solution.</li> </ol>	48	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
M.Sc-II (Sem-IV)	-	CHO-453-Ternary mixture separation	sulphonation 5. Beta-Naphthol to binol 6. Salicylic acid to 5-chloro- Thydroxybenzoic acid 7. Anisidine to 2-methoxy-4-nitroaniline 8. Salicylaldehyde to salisaldehyde 9. Acetylacetone to pyrimidine 10. Salicylaldehyde to 2-hydroxy 3,5-dinitrobenzaldehyde 11. Salicylaldehyde to catechol 12. Acetyl acetone to Pyrazole					
			08 ternary mixtures with different nature	36	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
Practical								

Signature of faculty

*Radhakrishnan*

Head, Department of CHEMISTRY  
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 and Science College, Sinnar

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Principal,  
 G.M.D. Arts,  
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## Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Odd Semester)

Name of the Faculty: - SMT. VANITA NANASAHB KASAR

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-I)	A	CH-301 : Physical and Analytical Chemistry	Section I : Physical chemistry 1. Chemical Kinetics 2. Surface Chemistry Section II : Analytical Chemistry 3. Errors in qualitative analysis 4. Volumetric analysis	36	100 %	Nil	NA	-
SYBSc (Sem-I)	B	CH-301 : Physical and Analytical Chemistry	Section I : Physical chemistry 1. Chemical Kinetics 2. Surface Chemistry Section II : Analytical Chemistry 3. Errors in qualitative analysis	36	100 %	Nil	NA	-

			4. Volumetric analysis						
T.B.Sc.	A	CH-505 Industrial Chemistry	<ol style="list-style-type: none"> <li>1. Modern Approach to Chemical Industry</li> <li>2. Manufacturing of Basic Chemicals</li> <li>3. Sugar and Fermentation Industry</li> <li>4. Soaps and Detergents industry</li> <li>5. Dyes and Pigments</li> </ol>	48	100 %	Nil	N/A	-	
M.Sc I	A	CHG-190, General Chemistry-I.	<b>Semester-I</b> Elective Option-C: Introduction to Chemical Biology-I <ol style="list-style-type: none"> <li>1. Overview of Biochemical Concepts</li> <li>2. Chemistry of Biomembranes</li> <li>3. Carbohydrates</li> <li>4. Lipids</li> <li>5. Amino Acids and Proteins</li> </ol>	48 L	100%	Nil	NA	-	
F.Y.B.Sc.	A	CH-103 : Chemistry Practical -I	<b>Section A: Chemical and Lab Safety</b> Toxicity of the compounds used in chemistry laboratory. 2. Safety symbol on labels of pack of chemicals and its meaning 3. What is MSDS sheets? Find out MSDS sheets of at least hazardous chemicals (K2Cr2O7, Benzene, cadmium nitrate, sodium metal, etc.) 4. Precautions in handling of	46.8 L	100%	Nil	N/A	-	

			<p>hazardous substances like Conc. acids, ammonia, organic solvents, etc.</p> <p><b>Section B: Physical Chemistry</b></p> <p><b>a. Thermochemistry</b></p> <ol style="list-style-type: none"> <li>1. Determination of heat capacity of calorimeter for different volumes.</li> <li>2. Determination of enthalpy of neutralization of hydrochloric acid with sodium hydroxide.</li> <li>3. Determination of enthalpy of ionization of acetic acid.</li> </ol> <p><b>b. Ionic equilibria</b></p> <ol style="list-style-type: none"> <li>1. Measurement of the pH of buffer solutions and comparison of the values with theoretical values.</li> <li>2. Preparation of buffer solutions (Any One) (i) Sodium acetate-acetic acid and determine its buffer capacity (ii) Ammonium chloride-ammonium hydroxide and determine its buffer capacity</li> </ol> <p><b>Section C: Organic Chemistry</b></p> <ol style="list-style-type: none"> <li>1. To determine type and detection of extra elements (N, S, Cl, Br, I) in organic compounds (containing up to two extra elements) (Three)</li> </ol>					
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F.Y.B.Sc.	B	CH-103 : Chemistry Practical -I	<b>Section A: Chemical and Lab Safety</b> Toxicity of the compounds used in chemistry laboratory. 2. Safety symbol on labels of pack of chemicals and its meaning 3. What is MSDS sheets? Find out MSDS sheets of at least hazardous chemicals (K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> , Benzene, cadmium nitrate, sodium metal, etc.) 4. Precautions in handling of hazardous substances like Conc. acids, ammonia, organic solvents, etc.	46.8 L	100%	Nil	NA	-
			<b>Section B: Physical Chemistry</b> <b>a. Thermochemistry</b> 2. Determination of heat capacity of calorimeter for different volumes. 2. Determination of enthalpy of neutralization of hydrochloric acid with sodium hydroxide. 3. Determination of enthalpy of ionization of acetic acid. <b>b. Ionic equilibria</b> 1. Measurement of the pH of buffer solutions and comparison of the values with theoretical values. 2. Preparation of buffer solutions					

			<p>(Any One) (i) Sodium acetate-acetic acid and determine its buffer capacity (ii) Ammonium chloride-ammonium hydroxide and determine its buffer capacity</p> <p><b>Section C: Organic Chemistry</b></p> <p>1. To determine type and detection of extra elements (N, S, Cl, Br, I) in organic compounds (containing up to two extra elements) (Three)</p>						

Signature of faculty *Skater*

Head, Dept. of Chemistry *Ravindra*

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 and Science College, Sinnar

Principal *Anil*

**Principal**  
 G.M.D. Arts, B.W. Commerce and  
 Science College, Sinnar, Dist. Nashik

**Syllabus completion Report - Year -2021-22**

**(U.G./P.G.) (Even Semester)**

**Name of the Faculty: - SMT. VANITA NANASAHAR KASAR**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-II)	A	<b>CH-401 : Physical and Analytical Chemistry</b>	Section I : Physical chemistry 1. Phase Equilibrium 2. Ideal and Real Solutions Section II : Analytical Chemistry 3. Conductometry 4. Colorimetry 5. Column Chromatography	36	100 %	Nil	NA	-
SYBSc (Sem-II)	B	<b>CH-401 : Physical and Analytical Chemistry</b>	Section I : Physical chemistry 1.Phase Equilibrium 2.Ideal and Real Solutions Section II : Analytical Chemistry 3. Conductometry	36	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-II)	B	CH-401 : Physical and Analytical Chemistry	4. Colorimetry 5. Column Chromatography					
SYBSc (Sem-II)	A	CH-403 : Chemistry Practical - IV	<ol style="list-style-type: none"> <li>To study the variation of mutual solubility/ temperature with % concentration for the phenol - water system</li> <li>To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.</li> <li>Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt, ethylenediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex.</li> <li>Synthesis of Tris(acetylacetonate)iron(III) by green chemistry method by reaction between <math>\text{Fe}(\text{OH})_3</math></li> </ol>	72	100%	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<p>and acaac. Comment on colour and magnetic properties of the complex.</p> <p>5. Prepare standard solutions of <math>\text{KMnO}_4</math> / <math>\text{CuSO}_4</math>, record their absorbance and Verify Beer's Law and determine unknown concentration.</p> <p>6. Determination of molecular weight of organic acid by titration against standardized <math>\text{NaOH}</math> - a) monobasic acid or b) dibasic acid</p> <p>7. Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)</p> <p>8. To determine the cell constant of the given cell using 0.01 M <math>\text{KCl}</math> solution and determine dissociation constant of a given monobasic weak acid.</p>					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-II)	B	CH-403 : Chemistry Practical - IV	<ol style="list-style-type: none"> <li>To study the variation of mutual solubility temperature with % concentration for the phenol - water system</li> <li>To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.</li> <li>Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt, ethylenediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex.</li> <li>Synthesis of Tris(acetylacetonate)iron(III) by green chemistry method by reaction between <math>\text{Fe}(\text{OH})_3</math> and acac. Comment on colour and magnetic properties of the complex.</li> <li>Prepare standard solutions of <math>\text{KMnO}_4 / \text{CuSO}_4</math>, record</li> </ol>	72	100%	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc Sem II	A	CH-203 :Chemistry Practical -II	<p>their absorbance and Verify Beer's Law and determine unknown concentration.</p> <p>6. Determination of molecular weight of organic acid by titration against standardized NaOH - a) monobasic acid or b) dibasic acid</p> <p>7. Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)</p> <p>8. To determine the cell constant of the given cell using 0.01 M KCl solution and determine dissociation constant of a given monobasic weak acid.</p> <p><b>Section A: Inorganic Chemistry</b>            1) Synthesis of commercially important inorganic compounds            2) Synthesis of Mohr's Salt <math>[(FeSO_4)(NH_4)_2SO_4] \cdot 6H_2O</math>            3) 3) Preparation of Dark red inorganic pigment: <math>Cu_2O</math></p>	46.8 L	100%	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<p><b>III] Volumetric Analysis</b></p> <p>1. Estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture.</p> <p>2. Estimation of water of crystallization in Mohr's salt by titrating with <math>\text{KMnO}_4</math>.</p> <p><b>III] Analysis of Commercial products containing inorganic substances</b></p> <p>1) Estimation of Ca from calcium supplementary tablet by complexometric titration.</p> <p><b>Section B: Organic Chemistry</b></p> <p>I] Organic Purification Techniques</p> <p>1. Purification of organic compounds by i) crystallization (from water and alcohol)</p> <p>ii) distillation (Two Compounds).</p> <p>iii) Sublimation (micro technique).</p> <p><b>II] Organic preparations: Derivatives</b></p>					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc Sem II	B	CH-203 :Chemistry Practical -II	<p><b>Section A: Inorganic Chemistry</b></p> <p>IV] Synthesis of commercially important inorganic compounds</p> <p>4) Synthesis of Mohr's Salt <math>[(FeSO_4)(NH_4)_2SO_4] \cdot 6H_2O</math></p> <p>5) 3) Preparation of Dark red inorganic pigment: <math>Cu_2O</math></p> <p><b>V] Volumetric Analysis</b></p> <p>3. Estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture.</p> <p>4. Estimation of water of crystallization in Mohr's salt by titrating with <math>KMnO_4</math>.</p> <p><b>VII Analysis of Commercial products containing inorganic substances</b></p> <p>2) Estimation of Ca from calcium</p>	46.8 L	100%	Nil	NA	-
			<p>2. Preparations: Mechanism of various reactions involved to be discussed. Recrystallization.</p> <p>determination of melting point and calculation of quantitative yields to be done.</p>					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC	A	CH-602 Physical	<p>supplementary tablet by complexometric titration.</p> <p><b>Section B: Organic Chemistry</b></p> <p>I] Organic Purification Techniques</p> <p>1. Purification of organic compounds by i) crystallization (from water and alcohol)</p> <p>ii) distillation (Two Compounds).</p> <p>iii) Sublimation (micro technique).</p> <p>II] <b>Organic preparations:</b> Derivatives</p> <p>2. Preparations: Mechanism of various reactions involved to be discussed. Recrystallization, determination of melting point and calculation of quantitative yields to be done.</p>					
			<p>1. Colligative Properties of Dilute Solutions</p> <p>2. Kinetics of reactions in the</p>	36	100%	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
(Sem-VI)		Chemistry-III Elective Option - B: Organometallic and Inorganic Reaction Mechanism	Solid State 3. Electronic Structure and Macroscopic properties 4. Polymers					-

Signature of faculty

*Kalab*

Head, Dept. of Chemistry

*Perwade*

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*Kulk*

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G. M. D. Arts, B. W. Commerce and Science College Sinnar, Dist- Nashik  
Department of Chemistry

**Syllabus completion Report - Year -2021-22  
(U.G. /P.G.) (Odd Semester)**



Name of the Faculty: - MISS.RAYATE ANKITA MUKUND

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.YB.Sc.[Practical] (Sem-I)			1) To Study the Acid catalysed hydrolysis of an ester (methyl Acetate) and determine the rate constant (k). (first order reaction) 2. To study the kinetics of saponification reaction between sodium hydroxide and ethyl acetate. 3. Estimation of Fe(III) from given solution by converting it to Fe(II) using Zn metal and then by titrating with standard solution of K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> -A Green Approach 4. Preparation of benzoic acid from ethyl benzoate	72	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
			(Identification and confirmatory Test of -COOH group, M.P and purity by TLC) 5. Preparation of Quinone from hydroquinone (Confirm the conversion by absence of phenolic -OH group in product, M.P and purity by TLC) 6. Estimation of Aspirin from a given tablet and find errors in quantitative analysis. 7 Organic Qualitative Analysis (Two mixtures: solid-solid type) 1. 8 Separation of Two Components				
TYB.Sc. (Sem-V)		Paper-VI CH-508 Chemistry of Biomolecule	1. Introduction to molecular logic of life 2. Carbohydrates 3. Lipid 4. Amino acid & Proteins 5. Enzymes 6. Hormones	36	100 %	Nil	NA



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed
T.Y.B.Sc. [practical] (Sem-I)		CH-509: Organic Chemistry Practical-I	1. Preparation of 1, 4-dihydropyrimidinone from ethyl acetoacetate, benzaldehyde and urea using oxalic acid as catalyst. 2. Preparations of Organic Derivative a) Amide derivative of Carboxylic acid b) Glucosazone derivative of Glucose 3) Green Chemistry Preparations a. Preparation of dibenzalpropanone from benzaldehyde and acetone using LiOH.H <sub>2</sub> O/NaOH b.. Nitration of phenol or substituted phenols using CaNO <sub>3</sub>	73	100 %	Nil	NA
M.Sc- I (Sem-I)		CHG – 190. General Chemistry-I, Semester-I (Elective Option-C: Introduction to	1. Overview of Biochemical Concepts 2. Chemistry of Biomembranes 3. Carbohydrates 4. Lipids	48	100 %	Nil	NA



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		Chemical Biology-I	5. Amino Acids and Proteins					
M.Sc- II (Sem-III)		CHO-352: Stereochemistry and Asymmetric Synthesis of Organic Compounds	<b>Section-I</b> 1. Stereochemistry 2. Stereochemistry of fused and bridged ring systems: 3. Determination of configuration, 4. Decalols, Decalones, Octahydronaphthalenes, decahydroquinolines <b>Section-II</b> 1. Asymmetric Synthesis 2. Asymmetric organocatalysis 3. Asymmetric Aldol Reaction, 4. Transition Metal-Catalyzed 5. Transition Metal-Catalyzed	48	100 %	Nil	NA	-



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Signature of faculty

*Pravara*  
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*Pravara*  
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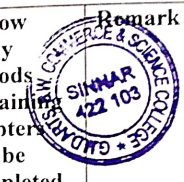
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Even Semester)**

**Name of the Faculty: - MISS. RAYATE ANKITA MUKUND**

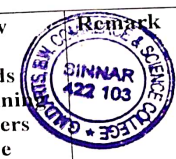
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.YB.Sc. [Practical]  (Sem-II)			1.To study the variation of mutual solubility temperature with % concentration for the phenol - water system  2.To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.  3.Synthesis of potassium Tris(oxalate)aluminium(III) using Al metal powder(Scrap)	72	100 %	Nil	NA	-

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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<p>aluminium). Comment on colour and magnetic properties of the complex.</p> <p>4. To verify the Freundlich and Langmuir adsorption isotherm for adsorption of acetic acid on activated charcoal.</p> <p><b>5. Determination of molecular weight:</b> Determination of molecular weight of organic acid by titration against standardized NaOH - a) monobasic acid or b) dibasic acid</p> <p><b>6. Estimation of amides:</b> Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)</p> <p><b>7. Estimation of Ethyl benzoate:</b> To determine the</p>					



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			cinnamon 5. Trimyristin from nutmeg D) Column chromatography					
M.Sc. II	-	CHO-450 Chemistry of Natural Product	Sec I 1. Longifolene 2. Hirsutellone 3. Ribision A & B 4. Subincanadine E Sec-II 1. Vannusals 2. Pinnaic Acid	48	100%	Nil	NA	



*Aneta*  
Signature of faculty

*Bhaware*  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

*Neel*  
**Principal**  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			amount of ethyl benzoate in given solution volumetrically					
T.YB.Sc. (Sem-V)		CH-608: Organic Chemistry-III	<ol style="list-style-type: none"> <li>1. Retrosynthetic Analysis and Applications</li> <li>2. Organic Reaction Mechanism and Synthetic Applications</li> <li>3. Reagents in Organic Synthesis</li> <li>4. Natural Products</li> </ol>	36	100 %	Nil	NA	-
T.Y.BSc. [practical] (Sem-I)		CH-609: Organic Chemistry Practical-II	Organic Estimations. <ol style="list-style-type: none"> <li>1. Estimation of glucose</li> <li>2. Estimation of glycine</li> <li>3. Saponification value of oil</li> <li>4. Estimation of Alkali content in Antacid using HCl.</li> </ol> C) Organic Extractions (Any Three) <ol style="list-style-type: none"> <li>1. Caffeine from tea leaves</li> <li>2. Eugenol from cloves</li> <li>3. Lycopene from tomato peels</li> <li>4. Cinnamic acid from</li> </ol>	73	100 %	Nil	NA	-



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Chemistry

Syllabus completion Report - Year -2021-22

(U.G./P.G.) (Odd Semester)

Name of the Faculty: - SMT. SWATI MARTAND CHATUR



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-I)	A	CH-302 : Inorganic and Organic Chemistry	<ol style="list-style-type: none"> <li>1. Introduction to Coordination chemistry</li> <li>2. Molecular Orbital Theory of Covalent Bonding</li> <li>3. Aromatic Hydrocarbons</li> <li>4. Alkyl Halides (up to 5 Carbons)</li> <li>5. Alcohols, Phenols and Ethers (Up to 5 Carbons)</li> </ol>	36	100 %	Nil	NA	-
SYBSc (Sem-I)	B	CH-302 : Inorganic and Organic Chemistry	<ol style="list-style-type: none"> <li>1. Introduction to Coordination chemistry</li> <li>2. Molecular Orbital Theory of Covalent Bonding</li> <li>3. Aromatic Hydrocarbons</li> </ol>	36	100 %	Nil	NA	-



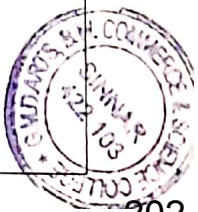
SYBSc (Sem-I)	A	CH-303 : Chemistry Practical - III	<p>4. Alkyl Halides (up to 5 Carbons)</p> <p>5. Alcohols, Phenols and Ethers (Up to 5 Carbons)</p> <p>1. Preparation of Quinone from hydroquinone (Confirm the conversion by absence of phenolic -OH group in product, M.P and purity by TLC)</p> <p>2. Preparation of benzoic acid from ethyl benzoate (Identification and confirmatory Test of -COOH group, M.P and purity by TLC)</p> <p>3. Organic Qualitative Analysis I</p> <p>4. Organic Qualitative Analysis II</p> <p>Estimation of Aspirin from a given tablet and find errors in quantitative analysis.</p> <p>5. Determination of acetic acid in commercial vinegar by titrating with standard NaOH. Express your results as average <math>\pm</math> standard deviation.</p> <p>6. To Study the Acid catalysed hydrolysis of an ester (methyl Acetate) and determine the rate constant (k).</p> <p>7. To study the kinetics of saponification reaction between</p>	72	100%	Nil	NA	-
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			sodium hydroxide and ethyl acetate.					
<b>SYBSc</b> <b>(Sem-I)</b>	<b>B</b>	<b>CH-303 :</b> <b>Chemistry</b> <b>Practical - III</b>	<ol style="list-style-type: none"> <li>1. Preparation of Quinone from hydroquinone (Confirm the conversion by absence of phenolic -OH group in product, M.P and purity by TLC)</li> <li>2. Preparation of benzoic acid from ethyl benzoate (Identification and confirmatory Test of -COOH group, M.P and purity by TLC)</li> <li>3. Organic Qualitative Analysis I</li> <li>4. Organic Qualitative Analysis II</li> <li>Estimation of Aspirin from a given tablet and find errors in quantitative analysis.</li> <li>5. Determination of acetic acid in commercial vinegar by titrating with standard NaOH. Express your results as average <math>\pm</math> standard deviation.</li> <li>6. To Study the Acid catalysed hydrolysis of an ester (methyl Acetate) and determine the rate constant (k).</li> <li>7. To study the kinetics of saponification reaction between sodium hydroxide and ethyl</li> </ol>	72	100%	Nil	NA	




MSc I CHO-150	A	<b>CHO-150: Organic Chemistry-I</b>	<ol style="list-style-type: none"> <li>Structure and Reactivity</li> <li>Heterocyclic Chemistry</li> <li>Stereochemistry</li> <li>Structure, Stability and Reactions of Reactive Intermediates</li> <li>Rearrangements</li> <li>Ylides</li> <li>Oxidation and Reduction Reactions</li> </ol>	48	100 %	Nil	NA	-
MSc I (Sem-I)	A	<b>CHP-107: Practical Course - I</b> <b>Basic Practical Chemistry</b> <b>Sec-II: Organic Chemistry</b>	<ol style="list-style-type: none"> <li>Introduction to Laboratory Safety</li> <li>Purification of two organic solids by recrystallization using solvents other than water</li> <li>Purification of two organic liquids by upward/downward/traditional distillation technique</li> <li>Column Chromatography technique should be performed for any one of the following preparation</li> <li>Sublimation by Cold Thumb Method</li> <li>Thin Layer Chromatography technique two mixtures</li> <li>Green Chemistry Experiments</li> <li>Preparation of Schiff's bases in aqueous medium.</li> </ol>	48	100 %	Nil	NA	-



MSc-II (Sem-III)	A	CHO-353A: Protection - De- protection, Chiron approach and Carbohydrate Chemistry.	<p>9. Preparation of dihydropyrimidinone under solvent free conditions.</p> <p>10. Preparation of acetanilide from aniline and acetic acid using Zn dust.</p>	48	100 %	Nil	NA	
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			<p>D/L forms of aldoses and ketoses in Fischer projections, cyclic hemiacetal forms of monosaccharides, representation of monosaccharide structure, Conformations of monosaccharides, the anomeric effect. Modified monosaccharides, Alditols, Cyclitols, Nomenclature of monosaccharides, Cyclic forms of the <math>\alpha</math> and <math>\beta</math>-D-aldoses.</p> <p>4. Synthesis of Glycosides: glycosyl donor acceptor concept, general methods for glycosyl bond formation.</p> <p>5. Synthesis of 2-Deoxy Sugars, Orthogonal strategy in Oligosaccharide synthesis.</p>				

Signature of faculty  


Head, DEPARTMENT OF CHEMISTRY  
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 G.M.D. Arts, Science and Commerce  
 Sinner  


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 G.M.D. Arts, B.W. Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Chemistry

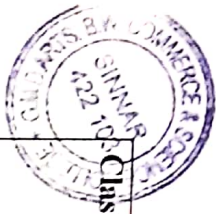
Syllabus completion Report - Year -2021-22

(U.G./P.G.) (Even Semester)

Name of the Faculty: - SMT. SWATI MARTAND CHATUR



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-II)	A	CH-402 : Inorganic and Organic Chemistry	<ol style="list-style-type: none"> <li>1. Isomerism in coordination complexes.</li> <li>2. Amines and Diazonium Salts.</li> <li>3. Valance Bond Theory of Coordination Compounds</li> <li>4. Stereochemistry of Cyclohexane.</li> <li>5. Crystal Field Theory.</li> <li>6. Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions. Application of CFT to i) Octahedral complexes (splitting of 'd' orbitals in Oh ligand field, effect of weak and strong</li> </ol>	36	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
SYBSc (Sem-II)	B	CH-402 : Inorganic and Organic Chemistry	<ol style="list-style-type: none"> <li>1. Isomerism in coordination complexes.</li> <li>2. Amines and Diazonium Salts.</li> <li>3. Valance Bond Theory of Coordination Compounds</li> <li>4. Stereochemistry of Cyclohexane.</li> <li>5. Crystal Field Theory.</li> <li>6. Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions, Application of</li> </ol> <p>ligand fields, colour absorbed and spectrochemical series, crystal splitting energy, Crystal field stabilization energy and factors affecting it, tetragonal distortion in Cu(II) complexes) ii) Square planar complexes and iii) Tetrahedral complexes; spin only magnetic moment of Oh and Td complexes.</p> <ol style="list-style-type: none"> <li>7. Aldehydes and Ketones (aliphatic and aromatic)</li> <li>8. Carboxylic acids and their derivatives.</li> </ol>	36	100 %	Nil	NA	-



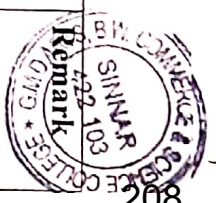
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-II)	A	CH-403 : Chemistry Practical - IV	<p>CFT to i) Octahedral complexes (splitting of 'd' orbitals in Oh ligand field, effect of weak and strong ligand fields. colour absorbed and spectrochemical series, crystal splitting energy. Crystal field stabilization energy and factors affecting it. tetragonal distortion in Cu(II) complexes) ii) Square planar complexes and iii) Tetrahedral complexes: spin only magnetic moment of Oh and Td complexes.</p> <p>7. Aldehydes and Ketones (aliphatic and aromatic)</p> <p>8. Carboxylic acids and their derivatives.</p> <p>1. To study the variation of mutual solubility temperature with % concentration for the phenol - water system</p> <p>2. To study the effect of added electrolyte on the critical solution temperature of</p>	72	100%	Nil	NA	-

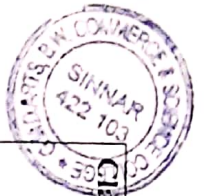




Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
			<p>phenol-water system and to determine the concentration of the given solution of electrolyte.</p> <p>3. Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt, ethylenediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex.</p> <p>4. Synthesis of Tris(acetylacetonate)iron(III) by green chemistry method by reaction between <math>\text{Fe}(\text{OH})_3</math> and acac. Comment on colour and magnetic properties of the complex.</p> <p>5. Prepare standard solutions of <math>\text{KMnO}_4</math> / <math>\text{CuSO}_4</math>. record their absorbance and Verify Beer's Law and determine unknown concentration.</p> <p>6. Determination of molecular weight of organic acid by titration against standardized <math>\text{NaOH}</math> - a) monobasic acid or</p>					

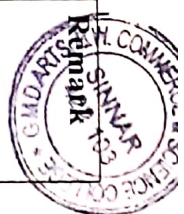
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks
SYBSc (Sem-II)	B	CH-403 : Chemistry Practical - IV	<ol style="list-style-type: none"> <li>To study the variation of mutual solubility temperature with % concentration for the phenol - water system</li> <li>To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.</li> <li>Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt.</li> </ol>	72	100%	Nil	NA	-
			<ol style="list-style-type: none"> <li>b) dibasic acid</li> <li>Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)</li> <li>To determine the cell constant of the given cell using 0.01 M KCl solution and determine dissociation constant of a given monobasic weak acid.</li> </ol>					





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remarks	
			ethylenediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex. 4. Synthesis of Tris(acetylacetonate)iron(III) by green chemistry method by reaction between $\text{Fe}(\text{OH})_3$ and acetic acid. Comment on colour and magnetic properties of the complex. 5. Prepare standard solutions of $\text{KMnO}_4 / \text{CuSO}_4$ . record their absorbance and Verify Beer's Law and determine unknown concentration. 6. Determination of molecular weight of organic acid by titration against standardized $\text{NaOH}$ - a) monobasic acid or b) dibasic acid 7. Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed) 8. To determine the cell						

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	
MSc I (Sem-II)	A	CHG – 290, General Chemistry II	1. Organometallic Chemistry 2. Organometallic Reactions and Catalysis 3. Coordination Compounds: Reactions and Mechanism	24	100%	Nil	NA	-
MSc I (Sem-II)	A	CHP-227: Basic Practical Chemistry-II: Section -II: Organic Chemistry	1. Base catalyzed aldol condensation using LiOH.H <sub>2</sub> O as a Catalyst. 2. Bromination of trans-stilbene using sodium bromide and sodium bromate 3. [4+2] cycloaddition reaction in aqueous medium at room temperature 4. Benzil/Benzilic acid rearrangement under solvent free condition	48	100 %	Nil	NA	-





Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Rema
			5. Clay catalyzed solid state synthesis of 7-hydroxy-4-methylcoumarin 6. Ecofriendly nitration of phenols and its derivatives using Calcium nitrate 7. Bromination of acetanilide using ceric ammonium nitrate in aqueous medium 8. Green approach for preparation of benzopinacolone from bezopinacol using iodine catalyst. 9. Preparation of 1, 1-bis-2-naphthol under grinding at room temperature. 10. Solvent free aldol condensation between 3,4-dimethoxybenzaldehyde and 1-indanone. 11. Preparation of azlactone from hippuric acid 12. Preparation of thioamide from benzaldehyde in water.					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSc-II (Sem-IV)	A	CHO-451: Organometallic Reagents in Organic Synthesis	<ol style="list-style-type: none"> <li>1. Transition metal complexes in organic synthesis: Pd, Ni, Ru, Fe, Ir and Cu only (C-C, C-N, C-O bond formation reactions with catalytic cycle, ligand and % mole concepts)</li> <li>2. Ring formation reactions: Pausan-Khand, Bergman and Nazarov cyclization.</li> <li>3. C=C formation reactions: Wittig, Horner-Wordworth-Emmons, Shapiro, Bamford-Stevens, McMurry, Julia-Lythgoe and Peterson olefination reactions.</li> <li>4. Multi-component reactions: Ugi, Passerini, Biginelli and Mannich reaction.</li> <li>5. Metathesis: Schrock and Grubbs catalyst, Olefin cross coupling (OCM), ring closing (RCM) and ring opening (ROM) metathesis, application in polymerization and synthesis of small organic molecules.</li> </ol>	48	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			6. Use of Boron and Silicon reagents in organic synthesis.					

Signature of faculty

*P. Shale*

Head, DEPARTMENT OF CHEMISTRY  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinner

*P. Pawale*

G.M.D. Arts, B.W. Commerce and  
Science College, Sinner, Dist. Nashik

*P. Pringgal*



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
 Department of ~~Commerce~~ *Chemistry*  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

Name of the Faculty: - Smt. Sunita B. Tore

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-I)	A	Organic Chemistry II (102)	1. Fundamental of organic chemistry (Physical effect ,electronic displacement , Carbocations, Carbanions and free radicals.) 2. Stereochemistry (Introduction, classification, Interconversion of Wedge formula, - cis - trans and E/Z Nomenclature (for upto two C-C systems) 3. Aliphatic hydrocarbons :	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Alkanes(Preparation: Catalytic hydrogenation, Wurtz reaction, Free radical Substitution: Halogenation) 4. Alkenes Preparation : Elimination reactions: Dehydration of alkenes, hydrogenation and trans alkenes) 5. Alkynes((Up to 5 Carbons) Preparation : Acetylene from CaC, vicinal - dihalide Reactions)					
FYBSC (Sem-I)	B	Organic Chemistry II (102)	1. Fundamental of organic chemistry (Physical effect , Heterolysis. Structure, shape and reactivity of organic molecules: Nucleophiles and Electrophiles. free radicals.)	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			2. Stereochemistry (Introduction, classification, Interconversion of Wedge formula, (for upto two C-C systems)  3. Aliphatic hydrocarbons : Alkanes(Preparation: Catalytic hydrogenation, Wurtz reaction, Free radical Substitution: Halogenation.) 4. Alkenes(Preparation : Elimination reactions: Dehydration of alkenes and trans alkenes) 5. Alkynes((Up to 5 Carbons) Preparation : Acetylene from CaC, vicinal - dihalide Reactions)					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
S.Y.B.Sc(PRACTICAL) sem-I			<ol style="list-style-type: none"> <li>To Study the Acid catalysed hydrolysis of an ester.</li> <li>To study the kinetics of saponification reaction</li> <li>Estimation of Fe(III) from given solution.</li> <li>Preparation of benzoic acid from ethyl benzoate.</li> <li>Preparation of Quinone from hydroquinone.</li> <li>Estimation of Aspirin from a given tablet and find errors in quantitative analysis.</li> <li>Organic Qualitative Analysis(Two mixtures)</li> </ol>	72	100 %	Nil	NA	-
MSC (Sem-III)	-	<b>CHO-351 Structure determination of organic compounds by spectroscopic</b>	Section -I <ol style="list-style-type: none"> <li>NMR in stereochemistry determination.(protons, Chemical and Magnetic equivalence; NOE,</li> </ol>	48	100 %	Nil	NA	-


Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		methods	Diastereomerism, Atrop or axial chirality 2. <sup>13</sup> C NMR spectroscopy (APT,DEPT,INEPT) 3. <sup>15</sup> N, <sup>19</sup> F and <sup>31</sup> p NMR spectroscopy 4. 2D NMR (Homonuclear: COSY, TOCSY, 2D-INADEQUATE, 2D-ADEQUATE, NOESY, Section -II 5. Mass spectrometry (Principle, ionization methods like EI, CI, ES, MALDI and FAB- ion analysis, ion abundance, High-Resolution) 6. Application of mass spectrometry.					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC (practicals) Sem-III		CHO-354 Solvent Free Organic Synthesis	1.Pinacol coupling Reaction 2. Preparation of Benzylidene malonitrile. 3. Preparation of cyclic B-ketoester 4. Preparation of dihydropyrimidinone 5.Preparation of B ketoester from ethyl acetate & LiOH 6.Preparation of 7-hydroxy-4-methylcoumarin from resorcinol and ethyl acetoacetate. 7.Preparation of calix [4] Resorcinarene From benzaldehyde and resorcinol using p-toluene sulfonic acid 8.Preparation of	48	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			salicylidene aniline from aniline and salicylaldehyde. 9.To synthesis Diazepinone from Benzophenone & Hydrazin-Hydroquinone. 10. study of Beckmann Rearrangement. 11.To study Solvent Free c-x bond Formation. 12.To study phenol bromination using N-bromosuccinimide. 13.Baeyer villiger reachian 14.Salicylaldehyde oxidation using urea hydrogen Peroxide complex. 15.Silica Supported permanganate oxidation.					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			16. Preparation of supramolecule co-crystal by using caffeine and oxalic acid. 17. Preparation of supramolecule Co- 18. Synthesis of Benzimidazole from ortho-phenylenediamine and formic acid under					

  
Signature of faculty

  
HEAD  
DEPARTMENT OF CHEMISTRY  
G.M.D. Arts, B.W. Commerce  
and Science college, Sinnar

  
PRINCIPAL  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik



G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
 Department of Commerce Chemistry

**Syllabus completion Report - Year -2021-22  
 (U.G. /P.G.) (Even Semester)**

Name of the Faculty: - Smt. Sunita B. Tore

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-II)	A	Analytical Chemistry II (202)	1. Introduction to Analytical chemistry (What is analytical Chemistry, the analytical perspectives, Common analytical problems.) 2. Calculation used in analytical chemistry Chemical Stoichiometry) 3. Qualitative analysis of organic compounds (Types of organic compounds, analysis of binary mixtures. Analysis Detection of nitrogen, sulfur, halogen	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			and phosphorous by Lassiagen's test.) 4. Chromatographic techniques, chromatography (Thin Layer Chromatography, Paper Chromatography) 5. PH meter (Introduction, pH meter, Glass pH electrode, combination of pH )					
FYBSC (Sem-II)	B	Analytical Chemistry II (202)	1. Introduction to Analytical chemistry (What is analytical Chemistry, the analytical perspectives, Common analytical problems) 2. Calculation used in analytical chemistry (Some important units of measurements: SI units, Chemical Stoichiometry) 3. Qualitative analysis of organic compounds (Types of organic compounds, characteristic tests and classifications, reactions of	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<p>different functional groups, halogen and phosphorous by Lassigen's test)</p> <p>4. Chromatographic techniques, paper and thin layer chromatography</p> <p>5. PH meter (Introduction, pH meter, Glass pH electrode, Application of pH meter.)</p>					
S.Y.B.Sc (practical) Sem - IV	-		<p>1.To study the variation of mutual solubility temperature with % concentration for the phenol - water system</p> <p>2.To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.</p> <p>3.Synthesis of potassium</p>	72	100 %	Nil	NA	-

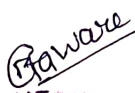
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			<p>Tris(oxalate)aluminium(III) using Al metal powder.</p> <p>4.To verify the Freundlich and Langmuir adsorption isotherm for adsorption of acetic acid on activated charcoal.</p> <p>5.Determination of molecular weight:of organic acid by titration against standardized NaOH - a) monobasic acid or b) dibasic acid</p> <p>6.Estimation of amides:Determine the amount of acetamide in given solution by volumetric method.</p> <p>7.Estimation of Ethyl benzoate: To determine the amount of ethyl benzoat in given solution volumetrically.</p>					

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC (Sem-II)	-	Spectroscopic methods in structure determination of organic compounds (250)	<ol style="list-style-type: none"> <li>UV and IR Spectroscopy (UV: Recapitulation of UV spectroscopy, calculations of max of aromatic compounds IR spectra of important functional groups.)</li> <li><sup>1</sup>H-NMR (Understanding of basic principle, chemical and magnetic nonequivalence, chemical shift: electronegativity, NMR solvent polarity, effect, chemical shifts of acidic protons)</li> <li><sup>13</sup>C-NMR (Basic of <sup>13</sup>C-NMR: Chemical shift and factors affecting chemical shifts in <sup>13</sup>C NMR, off resonance .</li> <li>Mass spectrometry (MS)</li> </ol>	24	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Basic principle of MS, significance of M (m/z) in (cyclic and acyclic), alcohols, amines.					
MSC practical sem-IV	-	CHO 453 Practical Ternary Mixture Separation & Convergent and Divergent Organic Syntheses	Ternary Mixture Separation & Convergent and Divergent Organic Syntheses. (SET –I Acetyl acetone to pyrimidine, acetyl acetone to pyrazole, SET – II B-naphthol to synthetic dye, B-naphthol to binol, B-naphthol to 2 naphthol sulphuric acid, SET –III salicylic acid to 5 chloro 2- hydroxyl benzoic acid, p-anisidine to 2 methoxy -4 nitro aniline) TMS – Acid, base, neutral- acid, phenol, neutral -Acid, base, neutral-acid, acid, neutral-Acid, base, neutral-neutral, neutral, neutral-base, neutral, neutral- Acid, base,	84	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			neutral-					

  
Signature of faculty

  
Head, Dept. of Chemistry  
DEPARTMENT OF CHEMISTRY  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

  
Principal  
**PRINCIPAL**  
G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, Dist. Nashik

G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Commerce

**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Mr. B. D. Maske**

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-V)	Environmental Chemistry CH-511 (A)	<ol style="list-style-type: none"> <li>1. Concept and Scope of Environmental chemistry</li> <li>2. Hydrosphere and water pollution</li> <li>3. Analytical technique in water analysis</li> <li>4. Water pollution and treatment method</li> </ol>	36	100 %	Nil	NA	-



Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Sem-I)	CH-103 : Chemistry Practical -I	1. <b>Section A:</b> Chemical and Lab Safety (Compulsory) 2. <b>Section B:</b> Physical Chemistry: Thermochemistry 3. Ionic equilibria 4. <b>Section C:</b> Organic Chemistry	46.8	100 %	Nil	NA	-
MSc I (Sem-I)	CHP-110, Physical Chemistry-I, (Fundamentals of Physical Chemistry)	<b>SECTION - I (Fundamentals of Physical Chemistry)</b> 1. Thermodynamics 2. Change of State 3. Quantum Chemistry 4. Chemical Bonding <b>SECTION - II (Chemical Kinetics and Reaction Dynamics)</b> 5. Rate Laws 6. Kinetics of Complex	48	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC I Sem I	<b>SECTION-II:</b> Practical Course Elective Option-A: Electrochemical Methods of Analysis	1. Part-I: Conductometry 2. Part-II: Polarography 3. Part-III: Potentiometry 4. Part-IV: pH metry 5. Part-V: Table Work  Reactions 7. Molecular Reaction Dynamics 8. Enzyme Catalysis 9. Molecular Thermodynamics	48	100%	Nil	NA	-

Signature of faculty

HEAD  
DEPARTMENT OF CHEMISTRY  
G.M.D. Arts, B.W. Commerce  
and Science college, Simar

PRINCIPAL  
G.M.D. Arts, B.W. Commerce and  
Science College, Simar, Dist. Nashik

**Syllabus completion Report - Year -2021-22  
(U.G./P.G.) (Even Semester)**

**Name of the Faculty: - B. D. Maske**

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-VI)	CH-605: Inorganic Chemistry -III	<ol style="list-style-type: none"> <li>1. Acid-Base and Donor-Acceptor Chemistry</li> <li>2. Ionic Solids</li> <li>3. Chemistry of Zeolites</li> <li>4. Introduction to Nanochemistry</li> <li>5. Chemical Toxicology</li> </ol>	36	100 %	Nil	NA	-
FYSC (Sem-II)	CH-203 : Chemistry Practical -II	<ol style="list-style-type: none"> <li>1. Synthesis of commercially important inorganic compounds</li> <li>2. Volumetric Analysis</li> <li>3. Analysis of</li> </ol>	46.8	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC.I (Sem-II)	CHP-210 Physical Chemistry II (Molecular Spectroscopy and Nuclear Chemistry)	<ol style="list-style-type: none"> <li>1. Microwave Spectroscopy</li> <li>2. Infra-red Spectroscopy</li> <li>3. Raman Spectroscopy</li> <li>4. Electronic Spectroscopy of molecules</li> <li>5. Mossbauer Spectroscopy</li> </ol> Sec-II <ol style="list-style-type: none"> <li>1. Radioactivity</li> <li>2. Elements of Radiation</li> <li>3. Nuclear Fission</li> <li>4. Applications of Radioactivity</li> </ol>	48	100 %	Nil	NA	-
		Commercial products containing inorganic substances <ol style="list-style-type: none"> <li>4. To draw polar plots of s and p orbitals.</li> <li>5. Organic Purification Techniques.</li> <li>6. Organic preparations: Derivatives.</li> </ol>					

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC.I (Sem-II)	CHP-227 Basic Practical Chemistry- II	<ol style="list-style-type: none"> <li>1. Part-I: Conductometry</li> <li>2. Part-II: Polarography</li> <li>3. Part-III: Potentiometry</li> <li>4. Part-IV: pH metry</li> <li>5. Part-V: Table Work</li> </ol>	48	100 %	Nil	NA	-

Signature of faculty




**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
G.M.D. Arts, B.W. Commerce  
and Science college, Simar

**Principal**  
**for P. RINCHAL**  
G.M.D. Arts, B.W. Commerce and  
Science College, Simar, Dist. Nashik


## Syllabus completion Report - Year -2021-22


(U.G.) (Odd Semester)

Name of the Faculty: - Smt. S. S. Gholap

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-I)	Calculus-I (MT-112)	<ol style="list-style-type: none"> <li>1. Real Numbers</li> <li>2. Sequences</li> <li>3. Limits</li> <li>4. Continuity</li> </ol>	36	100 %	Nil	NA	-
SYBSC (Sem -III)	Calculus of Several Variables (MT-231)	<ol style="list-style-type: none"> <li>1. Limits and Continuity</li> <li>2. Partial Derivatives and Differentiability</li> <li>3. Extreme Values</li> <li>4. Multiple Integrals</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-V)	Real Analysis – I (MT-352)	<ol style="list-style-type: none"> <li>1. Logic and Set Theory</li> <li>2. Sequences and Real Numbers</li> <li>3. Operations on Convergent Sequences and Limit Superior, Limit Inferior</li> <li>4. Series of Real Numbers</li> </ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-V)	Ordinary Differential Equations (MT-354)	<ol style="list-style-type: none"> <li>1. Linear Differential Equations with Constant Coefficients</li> <li>2. Non-Homogeneous linear Equations</li> <li>3. Series Solutions of Linear Second Order Equations</li> <li>4. System of Equations</li> </ol>	36	100 %	Nil	NA	

  
Signature of faculty

  
HEAD  
DEPARTMENT OF MATHEMATICS  
Head, Dept. of Mathematics  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

  
PRINCIPAL  
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**Syllabus completion Report - Year -2021-22****(U.G.) (Odd Semester)****Name of the Faculty: - Mr. G. L. Gandhake**

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-I)	<b>Algebra (MT-111)</b>	<ol style="list-style-type: none"> <li>1. Sets, Relations and Functions</li> <li>2. Divisibility Theory in the Integrals</li> <li>3. Prime and the theory of Congruence</li> <li>4. Complex Numbers</li> </ol>	36	100 %	Nil	NA	-
FYBSC (Sem -I)	<b>Mathematical Statistics (CSST- 112)</b>	<ol style="list-style-type: none"> <li>1. Theory of Probability</li> <li>2. Conditional Probability and Independence</li> <li>3. Random Variable</li> <li>4. Standard Discrete Distributions</li> </ol>	36	100 %	Nil	NA	-



Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCS (Sem -III)	Groups and Coding Theory	<ol style="list-style-type: none"> <li>1. Integers</li> <li>2. Groups</li> <li>3. Finite Groups and Subgroups</li> <li>4. Groups and Coding Theory</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-V)	Group Theory (MT-353)	<ol style="list-style-type: none"> <li>1. Groups</li> <li>2. Subgroups</li> <li>3. Permutations</li> <li>4. Homomorphism and Factor Group</li> </ol>	36	100 %	Nil	NA	

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**Syllabus completion Report - Year -2021-22**  
**(U.G.) (Odd Semester)**

**Name of the Faculty: - Smt. V. P. Shelke**

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCS (Sem-I)	Matrix Algebra (MTC-111)	<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Linear Equations in Linear Algebra-I</li><li>3. Linear Equations in Linear Algebra-II</li><li>4. Determinants</li></ol>	36	100 %	Nil	NA	-
SYBCS (Sem-III)	Numerical Techniques (MTC-232)	<ol style="list-style-type: none"><li>1. Algebraic and Transcendental Equation</li><li>2. Calculus of Finite Differences and Interpolation</li><li>3. Numerical Integration</li><li>4. Numerical Solution of Ordinary Differential Equation</li></ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSC (Sem -III)	Numerical Methods and it's Applications (MT-232(A))	<ol style="list-style-type: none"> <li>1. Solution of Algebraic and Transcendental Equations</li> <li>2. Interpolation</li> <li>3. Numerical Differentiation and Integration</li> <li>4. Numerical solution of first order ordinary differential equations</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-V)	Metric Spaces (MT-351)	<ol style="list-style-type: none"> <li>1. Basic Notions</li> <li>2. Convergence</li> <li>3. Continuity</li> <li>4. Compactness and Connectedness</li> </ol>	36	100 %	Nil	NA	-

*S. S. S. S.*  
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Head, Dept. of Mathematics

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## Syllabus completion Report - Year -2021-22

(U.G.) (Odd Semester)

Name of the Faculty: - Smt. S. S. Kardel

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCS (Sem-I)	Discrete Mathematics (MTC-112)	<ol style="list-style-type: none"> <li>1. Logic</li> <li>2. Lattices and Boolean Algebra</li> <li>3. Counting Principles</li> <li>4. Recurrence Relations</li> </ol>	36	100 %	Nil	NA	-
FYBCS (Sem-I)	Descriptive Statistics-I (CSST-111)	<ol style="list-style-type: none"> <li>1. Data Condensation and Presentation of Data</li> <li>2. Descriptive Statistics</li> <li>3. Moments, Skewness and Kurtosis</li> <li>4. Theory of Attributes</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem -V)	Operations Research (355(A))	<ol style="list-style-type: none"> <li>1. Modeling with Linear Programming</li> <li>2. The Simplex Method and Duality</li> <li>3. Transportation Model</li> <li>4. The Assignment Model</li> </ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-V)	Number Theory (356(B))	1. Divisibility 2. Congruences 3. Greatest integer function 4. Quadratic Reciprocity 5. Diophantine Equations	36	100 %	Nil	NA	-

  
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## Syllabus completion Report - Year -2021-22

(U.G.) (Even Semester)

Name of the Faculty: - Smt. S. S. Gholap

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-II)	Calculus-II (MT-122)	<ol style="list-style-type: none"> <li>1. Differentiation</li> <li>2. L'Hospital Rule and Successive Differentiation</li> <li>3. Ordinary Differential Equations</li> <li>4. Exact Differential Equations</li> </ol>	36	100 %	Nil	NA	-
SYBSC (Sem -IV)	Vector Calculus (MT-242(A))	<ol style="list-style-type: none"> <li>1. Vector Valued Functions</li> <li>2. Integrals</li> <li>3. Surface Integrals</li> <li>4. Applications of Integrals</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-VI)	Ring Theory (MT-363)	<ol style="list-style-type: none"> <li>1. Rings and Fields</li> <li>2. Rings of Polynomials and Factorization</li> <li>3. Ideals and Factor Rings</li> <li>4. Factorization</li> </ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-VI)	Mathematics into LaTeX (MT-3611)	1. Figure Insertion 2. Equation Writing-I 3. Equation Writing-II 4. User-Defined Macros	36	100 %	Nil	NA	

  
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**Syllabus completion Report - Year -2021-22****(U.G.) (Even Semester)****Name of the Faculty: - Mr. G. L. Gandhake**


Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSC (Sem-II)	<b>Analytical Geometry (MT-121)</b>	<ol style="list-style-type: none"> <li>1. Analytical Geometry of Two Dimension</li> <li>2. Planes</li> <li>3. Lines in three dimension</li> <li>4. Sphere</li> </ol>	36	100 %	Nil	NA	-
FYBSC (Sem -II)	<b>Continuous Probability Distributions and Testing of Hypothesis (CSST-122)</b>	<ol style="list-style-type: none"> <li>1. Standard Continuous Probability Distributions</li> <li>2. Concepts and definitions related to testing of hypothesis</li> <li>3. Parametric Tests</li> <li>4. Simulation</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-VI)	<b>Partial Differential Equations (MT-364)</b>	<ol style="list-style-type: none"> <li>1. Introduction to Ordinary and Partial Differential Equations</li> <li>2. Partial Differential</li> </ol>	36	100 %	Nil	NA	-



Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
		Equations 3. Second Order Partial Differential Equations 4. Classification of Partial Differential Equations					
<b>TYBSC (Sem-VI)</b>	<b>Optimization Techniques (MT-365(A))</b>	1. Network Models 2. Game Theory 3. Replacement and Maintenance Models 4. Sequencing Problems 5. Classical Optimization Theory	36	100 %	Nil	NA	
<b>TYBSC (Sem-VI)</b>	<b>Programming in Python-II (MT-3610)</b>	1. Graphics 2. Data Visualization with Python 3. Dictionary and Sorting, Minimum and Maximum 4. Computational Geometry 5. Study of Operational Research in Python	36	100 %	Nil	NA	

  
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**Syllabus completion Report - Year -2021-22****(U.G.) (Even Semester)****Name of the Faculty: - Smt. V. P. Shelke**

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBCS (Sem-II)	<b>Linear Algebra (MTC-121)</b>	<ol style="list-style-type: none"> <li>1. Vector Spaces</li> <li>2. Eigen values and Eigen vectors</li> <li>3. Orthogonality and Symmetric Matrices</li> <li>4. The Geometry of vector spaces</li> </ol>	36	100 %	Nil	NA	-
SYBSC (Sem -IV)	<b>Linear Algebra (MT-241)</b>	<ol style="list-style-type: none"> <li>1. Matrices and System of Linear Equations</li> <li>2. Vector Spaces-I</li> <li>3. Vector Spaces-II</li> <li>4. Linear Transformations</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-VI)	<b>Complex Analysis (MT-361)</b>	<ol style="list-style-type: none"> <li>1. Analytic functions</li> <li>2. Elementary Functions</li> <li>3. Integrals</li> <li>4. Series</li> <li>5. Residues and Poles</li> </ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSC (Sem-VI)	Real Analysis-II (MT-362)	1. Riemann Integration 2. Improper Integrals 3. Sequences of Functions 4. Series of Functions	36	100 %	Nil	NA	

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*[Signature]*  
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**Syllabus completion Report - Year -2021-22****(U.G.) (Even Semester)****Name of the Faculty: - Smt. S. S. Kardel**

<b>Class</b>	<b>Title of the paper with code</b>	<b>Name of the chapter up to before the examination</b>	<b>No.of period used up to</b>	<b>Percentage of syllabus completed</b>	<b>Name of remaining chapter</b>	<b>In how many periods remaining chapters will be completed</b>	<b>Remark</b>
<b>FYBCS (Sem-II)</b>	<b>Graph Theory (MTC-122)</b>	<ol style="list-style-type: none"> <li>1. An Introduction to graph</li> <li>2. Connected graph</li> <li>3. Euler and Hamilton path</li> <li>4. Trees</li> </ol>	36	100 %	Nil	NA	-
<b>FYBCS (Sem-II)</b>	<b>Methods of Applied Statistics (CSST-121)</b>	<ol style="list-style-type: none"> <li>1. Correlation (For ungrouped data)</li> <li>2. Regression (for ungrouped data)</li> <li>3. Multiple Regression and Multiple, partial Correlation (For Trivariate Data)</li> <li>4. Time series</li> </ol>	36	100 %	Nil	NA	-
<b>SYBCS (Sem -IV)</b>	<b>Computational Geometry (MTC-241)</b>	<ol style="list-style-type: none"> <li>1. Two dimensional transformations</li> <li>2. Three dimensional transformations</li> <li>3. Projection</li> <li>4. Plane and space Curves</li> </ol>	36	100 %	Nil	NA	-

Class	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBCS (Sem -IV)	Operations Research (MTC-242)	<ol style="list-style-type: none"> <li>1. Linear Programming Problem I</li> <li>2. Linear Programming Problem II</li> <li>3. Assignment Models</li> <li>4. Transportation Models</li> </ol>	36	100 %	Nil	NA	-
TYBSC (Sem-VI)	Computational Geometry (MT-366(B))	<ol style="list-style-type: none"> <li>1. Two Dimensional Transformations</li> <li>2. Three Dimensional Transformations</li> <li>3. Projection</li> <li>4. Plane and Space Curves</li> </ol>	36	100 %	Nil	NA	-

  
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**G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Microbiology**

**TEACHING PLAN (2021-2022)**

**TERM- I**

Name of Teacher: MR. B.A.KHAIRNAR

**CLASS AND SUBJECT:**


1. F.Y. B. Sc – A) Introduction to microbial world  
B) Basic technique in microbiology
2. S.Y.B.Sc – A) Medical microbiology and immunology  
B) Bacterial physiology and fermentation
1. T. Y.B.Sc - A) Medical Microbiology  
B) Immunology-I  
C) Enzymology  
D) Genetics  
E) Fermentation Technology-I  
F) Agricultural Microbiology  
G) Dairy Microbiology  
H) Marine Microbiology

Month	Class	Topics to be taught	Remark
September 2021	F. Y.B.Sc	<ul style="list-style-type: none"> <li>• Development of microbiology as a discipline.</li> <li>• Units of measurement-Introduction to modern SI units.</li> <li>• Microscopy</li> </ul>	
	S. Y.B.Sc	<ol style="list-style-type: none"> <li>1. Medical microbiology               <ol style="list-style-type: none"> <li>a) Study of pathogens</li> <li>b) Introduction to chemotherapy.</li> </ol> </li> <li>2. Bacterial physiology               <ol style="list-style-type: none"> <li>a) Enzymes</li> </ol> </li> </ol>	
	T. Y.B.Sc	<ul style="list-style-type: none"> <li>• Introduction to infectious diseases and epidemiology</li> <li>• Organs of immune system</li> <li>• Innate immunity</li> <li>• Antigen</li> <li>• Structure of enzymes</li> <li>• Enzyme assays</li> <li>• DNA Replication and gene expression</li> <li>• Prokaryotic and Eukaryotic Transcription</li> <li>• Upstream process of fermentation               <ol style="list-style-type: none"> <li>a) Strain improvement.</li> <li>b) Media optimization.</li> <li>c) Sterilization of media.</li> <li>d) Scale up and scale down</li> </ol> </li> </ul>	
October 2021	F. Y.B.Sc	<ul style="list-style-type: none"> <li>• Golden era of microbiology</li> <li>• Modern Era microbiology</li> <li>• Staining technique</li> </ul>	
	S. Y.B.Sc	<ol style="list-style-type: none"> <li>1. Immunology               <ol style="list-style-type: none"> <li>a) Immunity</li> <li>b) Formation of blood cells</li> </ol> </li> <li>2. Fermentation technology               <ol style="list-style-type: none"> <li>a) Concept of fermentation technology.</li> <li>b) Strains of industrially important microorganisms</li> </ol> </li> </ol>	
	T. Y.B.Sc	<ol style="list-style-type: none"> <li>e) Study of bacterial pathogens.               <ul style="list-style-type: none"> <li>• Immunoglobulins</li> <li>• Antigen and antibody interactions</li> </ul> </li> </ol>	

		<ul style="list-style-type: none"> <li>• Major Histocompatibility Complex</li> <li>• Principles and methods of enzyme purification</li> <li>• Enzyme kinetics</li> <li>• Regulation of transcription.</li> <li>• Translation in Prokaryotes and Eukaryotes</li> <li>• Downstream Processing and quality assurance of fermentation product</li> <li>• Plant Pathology</li> <li>• Microorganisms in sustainable agriculture</li> </ul>	
November 2021	F. Y.B.Sc	<ul style="list-style-type: none"> <li>• Nobel laureates in life sciences of 21 century</li> <li>• Types of microorganisms</li> <li>• Beneficial and harmful effects of microorganisms</li> <li>• Sterilization and disinfection</li> </ul>	
	S.Y.B.Sc	<ul style="list-style-type: none"> <li>• <b>Immunology</b></li> <li>• Antigens and antibodies: definitions and concept</li> <li>• Design of fermenter.</li> <li>• Monitoring of different fermentation parameters.</li> </ul>	
	T. Y.B.Sc	<ul style="list-style-type: none"> <li>• Tools in plant genetic engineering.</li> <li>• Transplantation and immunity</li> <li>• Hybridoma technology and monoclonal antibodies.</li> <li>• Metabolic regulations</li> <li>• Tools in plant genetic engineering.</li> <li>• Definition, types, microflora and pathogens</li> </ul>	
December 2021	F. Y.B.Sc	<ul style="list-style-type: none"> <li>• Beneficial and harmful effects of microorganisms.</li> <li>• disinfection.</li> </ul>	
	S. Y.B.Sc	<ul style="list-style-type: none"> <li>• Immunohematology</li> <li>• Active and Passive immunization</li> <li>• Types of fermentation.</li> <li>• Media for industrial fermentation.</li> <li>• Contamination</li> </ul>	
	T. Y.B.Sc	<ul style="list-style-type: none"> <li>• Immobilization of enzymes.</li> <li>• Gene transfer and mapping technique</li> <li>• Marine ecology and sampling.</li> <li>• Marine microbes role in bioremediation and bioprospecting</li> <li>• Processing technique and naturally occurring preservatives</li> <li>• Spoilage of milk.</li> <li>• Microbiological aspects of quality control and quality assurance in production of milk and milk products.</li> </ul>	

  
Signature of faculty

  
**HEAD**  
Head, Dept. of Microbiology  
DEPARTMENT OF MICROBIOLOGY  
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Principal  
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Syllabus completion Report

(2021-22)Term-II (Evensem-

VI)

Name of the faculty:-Smt Jadhav Anita Ashok

Class	Div	Title of the paper with Code	Name of the chapter to be taught before exam	No. of periods used	Percent age of syllabus completed	Name of remaining chapter	In how many periods remaining chapter will be completed	Rank
TYBSc		Nuclear Physics(PHY-364)	1. Nuclear Structure, Properties and Radioactivity. 2: Particle Accelerator and Radiation Detectors:  3. Nuclear forces and Nuclear Models  4. Nuclear forces and Nuclear Models	36	100%	Nil	NA	
Msc		Classical Electrodynamics PHCT 121	1: Multipole Expansions and Time Varying Fields  2: Energy, Force, Momentum Relations and Electromagnetic Wave Equations	48	100%	Nil	NA	



			3: Inhomogeneous Wave Equations 4. Relativistic Mechanics and Covariance				
FYBSc		Heat & Thermodynamics	1. Thermodynamic state of a system 2. Second Law of Thermodynamics: Entropy 3. Heat engines & Refrigerators 4. Equation of state and Thermodynamic relations	36	100%	Nil	NA

Signature of faculty

*A. A. Jadhav*  
sme A. A. Jadhav

HOD (Physics)

*A. B. Chavan*

**HEAD**

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G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

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Principal




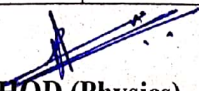
Syllabus completion Report (2021-22)

Term-II (Even sem-VI)


Name of the faculty:-Miss Bhagyashri Dinesh Patil

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No.of periods used	Percent age of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc		Quantum Mechanics( PHY-362)	1: Origin of Quantum Mechanics 2: The Schrodinger equation 3: Applications of Schrodinger Steady state equation 4: Operators in Quantum Mechanics	36	100%	Nil	NA	
TYBSc		Solar PV system:Installation,repairing and Maintenance (PHY-3610X)	1: Introduction 2: Solar Radiations and Measurement 3: Basics Solar PV Systems	36	100%	Nil	NA	

  
Signature of faculty

  
HOD (Physics)  
HEAD

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-Nashik

Department of Physics



Syllabus completion Report (2021-22)

Term-II (Even SEM-II & VI)


Name of the faculty:-Smt. J. S. Ugale

Class	Div	Title of the paper code with	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc		FYBSc Electricity and Magnetism (PHY-122)	<ol style="list-style-type: none"><li>1. Electrostatic</li><li>2. Dielectrics</li><li>3. Magnetization</li><li>4. Magneto statics</li><li>5. Magnetic Properties of Materials</li></ol>	36	100%	Nil	NA	
T.Y. B.Sc		T.Y.B.Sc Solid State Physics PHY-361	<ol style="list-style-type: none"><li>1. The Crystalline Structures</li><li>2. X ray Diffraction and Experimental Methods</li><li>3. Free Electron and Band Theory of Metals</li><li>4. Magn</li></ol>	48	100%	Nil	NA	



			etism				
<b>M.Sc.</b>		<b>MSc-I</b> Physics of Nonomaterial PHOT- XXXB4	<ol style="list-style-type: none"><li>1. Introductory Concept for Nanomaterials</li><li>2. Synthesis Methods of the Nanomaterials</li><li>3. Properties of Nanomaterials</li><li>4. Special Nanomaterials and Applications</li></ol>	<b>48</b>	<b>100%</b>	<b>Nil</b>	<b>NA</b>

  
(Smt. J.S. Ugale)  
Signature of faculty

  
**HOD (Physics)**  
**HEAD**  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
 Department of Physics  
**Syllabus completion Report – Year 2021-22**  
 (U.G. /P.G.) (Even Semester)




Name of the Faculty: - Mr. Madan Dadasaheb Shinde

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc (Sem-VI)		Thermodynamics and Statistical Physics (PHY-363)	1. Transport phenomenon and Maxwell's relations 2. Elementary Concepts of Statistics: 3. Statistical Distribution of System of Particles and Ensembles: 4. Introduction to Quantum Statistics	36	100 %	Nil	NA	-
MSc-II (Sem-IV)		Materials Science-II (PHOT-244M4)	1. Ceramic Materials 2. Magnetic Properties of Materials 3. Semiconductors 4. New Materials	48	100 %	Nil	NA	-

Page 1 of 2

  
 Name of Faculty  
 Mr. M. D. Shinde

  
 Head, Dept. Physics  
**HEAD**  
 DEPARTMENT OF PHYSICS  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-  
Nashik



Department of Physics

Syllabus completion Report (2021-22)

Term-II (Even SEM-II & VI)

Name of the faculty:-Mr. S. C. Potkule

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TY BSc		TYBSC Electronics-II (PHY-365)	<ol style="list-style-type: none"><li>1. Semiconductor Devices</li><li>2. Applications of Semiconductor Devices</li><li>3. Integrated Circuits</li><li>4. Combinational and Sequential Circuits:</li></ol>	36	100%	Nil	NA	
M.Sc.		MSc-I Quantum Mechanics (PHCT-123)	<ol style="list-style-type: none"><li>1. Revision and General Formalism</li><li>2. Representation of States – Dirac notation</li><li>3. Angular Momentum</li><li>4. Approximation Methods</li></ol>	48	100%	Nil	NA	

Signature of faculty

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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik

Department of Physics

Syllabus completion Report - Year -2021-22

(U.G. /P.G.) (Even Semester)

Name of the Faculty: - Mr. Sagar Ramesh Kute



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.B.Sc. (Sem-VI)	A	LASER (PHY-366)	1. Introduction to Lasers 2. Laser Action 3. Laser Oscillator 4. Laser Output 5. Types of Lasers 6. Application of Lasers	36	100 %	Nil	NA	-
M.Sc. II (Sem-II)	A	Physics of Thin Films (PHOTA4)	1. Introduction to Thin Films 2. Deposition Techniques and Measurement of Thickness 3. Properties of Thin	48	100 %	Nil	NA	-

Page 1 of 2

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Films 4. Applications of Thin Films					

*Kute*  
Signature of faculty  
(Mr. S. R. Kute)

*[Signature]*  
Head, Dept. of Physics  
HEAD  
DEPARTMENT OF PHYSICS  
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and Science College, Sinnar

*[Signature]*  
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and Science College, Sinnar, Dist. Nanded





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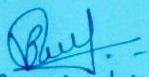
Syllabus completion Report (2021-22)


Term-II


(Even Sem)

Name of the faculty:- Miss Gunjal Vijayshree Bhausaheb

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc		OSCILLATIONS, WAVES AND SOUND (PHY-241)	1: Undamped Free Oscillations 2: Damped Oscillations 3: Forced Oscillations 4: Wave Motion 5: Sound and Doppler Effect	36	100%	Nil	NA	
TYBSc		SOLID STATE PHYSICS (PHY-361)	1: The Crystalline Structures 2: X ray Diffraction and Experimental Methods 3: Free Electron and Band Theory of Metals 4: Magnetism	36	100%	Nil	NA	

  
Smt. Gunjal V. B.  
Signature of faculty

  
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Principal

**G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-  
Nashik Department of Physics**

**Syllabus completion Report (2021-22)**

**Term-I (Oddsem-V)**

**Name of the faculty:-Smt Jadhav Anita Ashok**

Class	Div	Title of The paper with code	Name of the chapter to be taught be for exam	No.of periods used	Percent ageof syllabus compl eted	Name of remaini ng chapter	In how many periods remaining chapters will be completed	Remark
TYBSc		Atomic & Molecular Physics(PH-354)	1:Atomic structure 2: 2.One and Two Valence electron systems 3 .Zeeman Effect 4.Molecular spectroscopy	36	100%	Nil	NA	
MSc		Mathematical Methods in Physics PHCT1 11	1:Complex Analysis 2:Vector Space and Matrix Algebra 3: SpecialFunctions 4.Fourier Series and Integral Transforms	48	100%	Nil	NA	

Ajadhay

Smt A.A. Jadhav  
Signature of faculty

A. B. Chavan

HOD(Physics)

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Prudh  
Principal




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Syllabus completion Report (2021-22)


Term-I (Odd sem-V)

Name of the faculty:-Miss Bhagyashri Dinesh Patil

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No.of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc		Elements of Material science(PH-356)	1: Defects in Solids 2: Single Phase Metals 3: Ceramic Materials 4: Phase Diagrams 5: Introduction to smart materials	36	100%	Nil	NA	
TYBSc		Energy Studies (PHY-3510J)	1: An Introduction to Energy Sources 2: Solar thermal Applications 3: Solar Photovoltaic systems Applications 4: Biomass and wind energy 5: Energy storage devices and electrical Vehicles	36	100%	Nil	NA	

  
Signature of faculty

  
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and Science College, Sinnar

  
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Nashik



## Department of Physics

Syllabus completion Report (2021-22)

Term-I (Odd SEM-I & V)

Name of the faculty:-Smt. J. S. Ugale

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapter will be completed	Remark
FY BSc		FYBSc- Mechanics and Properties of Matter PHY-111	1. Motion 2. Work and Energy 3. Fluid Mechanics 4. Properties of Matter	36	100%	Nil	NA	
TY BSc		TYBSc- Mathematical Methods in Physics-II (PHY-351)	1. Curvilinear Coordinates 2. The Special Theory of Relativity 3. Partial Differential Equations 4. Special Functions	36	100%	Nil	NA	
MSc		MSc. Mathematical Methods in Physics PHCT-111	1. Complex Analysis 2. Vector Space and Matrix Algebra 3. Special Functions 4. Fourier Series and Integral Transforms	36	100%	Nil	NA	

  
(Smt. J.S. Ugale)  
Signature of faculty

  
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G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Physics  
**Syllabus completion Report - Year 2021-22**  
**(U.G. /P.G.) (Odd Semester)**



**Name of the Faculty: - Mr. Madan Dadasaheb Shinde**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SYBSc (Sem-III)		Electronics-I (PHY-232A)	1. Network Theorem 2. Study of Transistor Bi-junction Transistor Unijunction Transistor 3. Operational Amplifiers and Application 4. Number System and Logic Gates	36	100 %	Nil	NA	-



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSc-II (Sem-III)		Materials Science (PHOT-234M4)	1. Properties of Materials and Defects in Solids 2. Solid Solutions and Diffusion in Solids 3. Metallurgical Thermodynamics 4. Phase diagrams	48	100 %	Nil	NA	-

Signature of faculty

Mr. M. D. Shinde

Head, Dept. of Physics

HEAD

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G.M.D. Arts, B.W. Commerce and  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist-  
Nashik



## Department of Physics

Syllabus completion Report (2021-22)

Term-I (Odd SEM-I & V)

Name of the faculty:- Mr. S. C. Potkule

Class	Div.	Title of the paper with code	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
SY BSc		SYBSc MMP-I (PHY-231)	1. Complex Numbers 2. Partial Differentiation 3. Vector Algebra and Analysis 4. Differential Equation	36	100%	Nil	NA	
TY BSc		TYBSc Electrodynamics PHY-352	1: Electrostatics 2: Magnetostatics 3: Electrodynamics	36	100%	Nil	NA	

Signature of faculty

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DEPARTMENT OF PHYSICS  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist.- Nashik  
Department of Physics



**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester)**

**Name of the Faculty: - Mr. Sagar Ramesh Kute**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
M.Sc.- I (Sem-I)	A	Laser Fundamentals and Applications (PHOTC4)	1. Module 1 2. Module 2 3. Module 3 4. Module 4	48	100 %	Nil	NA	-
M.Sc.- II (Sem-I)	A	Solid State Physics (PHCT-232)	1. Crystal Structure and Band Theory of Solids. 2. Diamagnetism and Paramagnetism. 3. Ferromagnetism and Antiferromagnetism.	48	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			4. Superconductivity Dielectric Properties of Solids.					

*Kute.*  
Signature of faculty  
(Mr. S. R. Kute)

*[Signature]*  
Head, Dept. of Physics  
**HEAD**  
DEPARTMENT OF PHYSICS  
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and Science College, Sinnar

*[Signature]*  
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Science College, Sinnar, Dist. Nashik

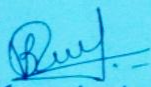



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Department of Physics


Syllabus completion Report (2021-22)  
Term-I (Odd Sem)

Name of the faculty-: Miss Gunjal Vijayshree Bhausaheb

Class	Div	Title of the paper with code	Name of the chapter to be taught before exam	No. of periods used	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc		TYBSC- Classical Mechanics (PHY- 353)	1: Motion of Particles 2: Central force Field 3: Scattering of particles 4: Langrangian and Hamiltonian formulation	36	100%	Nil	NA	
MSCII		MSc II:- Statistical Mechanics (PHCT- 231)	Module 1: Probability theory, Statistical Description of thermodynamic system Module 2: Classical Statistical Mechanics Module 3: Applications of Statistical Mechanics and Quantum Distribution Functions Module 4: Ideal Bose and Fermi Systems	48	100%	Nil	NA	

  
Smt. Gunjal V.B.  
Signature of faculty

  
HEAD  
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Principal


G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik,  
Department of Zoology  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester-1)**

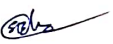
Name of the Faculty: - Mr.S.T.PEKHALE

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBsc (Sem-I)	A	Animal Diversity-I ZO-111	1. Principles of Classification 2. Kingdom- animalia 3. Kingdom Protista 4. Origin of metazoan 5. Phylum -porifera 6. Phylum- cnidaria 7. Phylum - Platyhelminthes	30	100 %	Nil	NA	-
S.Y.Bsc (Sem-I)	B	ANIMAL DIVERSITY III(ZO-231)	1.introduction to phylum chordata 2.introduction to group protochordata	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.BSC (Sem-I)		ZO-352 MAMMALIAN HISTOLOGY	1. Introduction 2. Definitions And Review Of Types Of Tissue 3. Histological Study Of Following Mammalian Organs 4. Histological study of Alimentary canal and liver 5. Histological study of respiratory organs 6. histological study of excretory organs 7. histological study of reproductive organs 8. histology of endocrine glands	30	100 %	Nil	NA	-
MSC-I (Sem-I)		ZODT-114 FRESH WATER ZOOLOGY	1. introduction to freshwater habitat 2. physico chemical conditions of freshwater 3. general character of plankton 4. introduction to minor phyla	30	100 %	Nil	NA	

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			5.Diversity and economic importance of fresh water crustacea 6. Locomotary and respiratory adaptation in fresh water insect order 7. diversity and distribution of vertebrate					
MSC-II (Sem-V)		ZOUT 232- FUNDAMENTAL OF SYSTEMATICS	1.Fundamental of systematics- biological classification 2.taxonomic leys 3.taxonomic procedure 4.species concept 5.kingdom of life 6.Methodologies in systematics 7. molecular phylogenetics	30	100 %	Nil	NA	-

  
Signature of faculty

  
Head, Dept. of zoology  
DEPARTMENT OF ZOOLOGY  
G.M.D. Arts, B.W. Commerce  
and Science College, Sinnar

  
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G.M.D. Arts, B.W. Commerce and  
Science College, Sinnar, 625 013

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**G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik,**  
**Department of zoology**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) (Odd Semester-1)**

Name of the Faculty: - Mr.L.S. Chandore

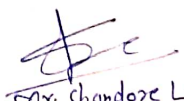
Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBsc (Sem-I)	A	Animal Diversity-I ZO-111	1. Principles of Classification 2. Kingdom- animalia 3. Kingdom Protista 4. Origin of metazoan 5. Phylum -porifera 6. Phylum- cnidaria 7. Phylum - Platyhelminthes	30	100 %	Nil	NA	-
S.Y.Bsc (Sem-I)	B	Applied Zoology (ZO-232)	Unit -1. seiculture(external morphology, cultivation of mulberry, harvesting of mulberry,silk worm rearing , preparation of cocoons for harvesting UNIT-2.Agricultural pest and their control	30	100 %	Nil	NA	-


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Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.BSC (Sem-I)		ZO-351 PEST MANAGEMENT	1.pest 2.pest management using regulatory control 3. pest management using cultural control 4.Pest Management using biological control 5.interigated pest management 6.insecticide 7.insecticide residue 8.biotechnology approaches	30	100 %	Nil	NA	-
MSC-I (Sem-I)		ZO-112 CELL BIOLOGY	1.cell theory 2.overview of chemical nature of cell 3.plasma membrane 4.Endomembrane system 5.Mitochondria 6.Nucleus 7.cell cycle 8.cytoskelaton 9.cancer 10.cell signalling	30	100 %	Nil	NA	



Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
MSC-II (Sem-V)		ZOUT 232- FUNDAMENTAL OF SYSTEMATICS AND ECONOMIC ZOOLOGY	1. Animal husbandry 2. economic importance of insects 3. vermiculture industries 4. prawn culture 5. nematodes 6. helminthes as human 7. concept of coral reef 8. sponge culture 9. parasitic protozoans Model animals in pharmaceutical industry	30	100 %	Nil	NA	-

  
Mr. Chandore L.S.  
Signature of faculty

  
Head, Dept. of zoology  
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**MVP SAMAJ'S NASHIK**  
**GMD ARTS, BW COMMERCE AND SCIENCE COLLEGE SINNAR, NASHIK**  
**DEPARTMENT OF ZOOLOGY**  
**Syllabus completion Report - Year -2021-22**  
**(U.G. /P.G.) Odd Semester-I)**


Name of the Faculty: - Mr.V.S.Varpe ( ZOOLOGY)

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBsc (Sem-I)	A	<b>Animal Ecology</b> <b>ZO-121</b>	1.Concepts of Ecology, 2.Environment, Population, Community, Ecosystem, Biosphere, Autecology and synecology. 3.types of ecosystems: 4.Structure and Composition of Ecosystem 5.Food chain concept of Eutrophication in lakes and rivers. 6.Characteristic of population Exponential and logistic growth 7.Population regulation 8.Quadrate, line and belt transect methods	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			Beneficial Associations: 9. Antagonistic associations					
T.Y.BSC (Sem-I)	A	Genetics -ZO-354	<b>1. Introduction to genetics:</b> <b>2. Exceptions to Mendelian Inheritance</b> <b>3. Gene Mutation:</b> Definition. Types of mutations: spontaneous, induced, somatic, gametic, forward, reverse <b>4. Sex determination;</b> Introduction. Types of sex determination: -XX-XY, ZZ-ZW, XX-XO and Parthenogenesis, Hypodiploidy. Gynandromorphism <b>5. Population Genetics</b> Basic Concepts in population genetics: Mendelian population, gene pool, gene / allele, Frequency, chance mating (Panmictic mating). Hardy Weinberg law and its equilibrium. <b>6. Human Population Genetics:</b> Karyotype. Genetic disorders, Structural & numerical alterations of chromosomes (chromosomal aneuploidy - Down, Patau, Edward, Turner and Klinefelter syndromes) <b>7. Sex linked inheritance in human:</b> Colour – blindness. Haemophilia. Hypertrichosis. <b>8. Application of genetics:</b> Genetic counselling. Diagnostics & breeding	30	100 %	Nil	NA	-

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
			technology.					
M.Sc.-I (Sem-1)	A	Genetics-ZOUT-113	<p>1.Recapitulation of Mendelian principles; Practical applications of genetics in brief</p> <p>2.Classical concept of a gene:Allele, pseudoalleles, multiple alleles (blood groups)</p> <p>3.Quantitative genetics : Polygenic inheritance, heritability and its measurementsand Quantitative Traits Locus mapping</p> <p>4.Principles of Population Genetics: Hardy-Weinberg law and its application for autosomal genes. Calculations of gene frequencies with suitable examples.</p> <p>5.Microbiol genetics</p>	30	100 %	Nil	NA	-

Signature of faculty

  
 Head, Dept. of Zoology  
**HEAD**  
 DEPARTMENT OF ZOOLOGY  
 G.M.D. Arts, B.W. Commerce  
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Department of Zoology


Syllabus completion Report - Year -2021-22

(U.G. /P.G.) Odd Semester-I)

Name of the Faculty: - Smt. D. V. Janagam

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
T.Y.BSC (Sem-II)		Parasitology	1. Introduction 2. Host Parasite Relationship 3. Study of Parasitic Protist 4. Study of Parasitic Arthropoda	30	100 %	Nil	NA	-
S. Y. B. Sc (Sem-II)	A	Animal Diversity-III ZO-241	1. Introduction to Phylum 2. Chordata 3. Protochordata 4. Phylum Vertebrata 5. Class Pisces 6. Introduction to Class Amphibia 7. Study of Scoliodon	30	100 %	Nil	NA	-
M. Sc. I (Sem II)		Scientific English	1. Language as a communication tool 2. Pragmatic Competence 3. Organisation of English Language 4. Common Errors in Written And Spoken English 5. Oral Presentation 6. Drafting of research Project 7. Outline of Research Paper 8. Editing, Correcting 9. Plagiarism	30	100 %	Nil	NA	-

  
Signature of faculty

  
Head, Dept. of Zoology  
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G.M.D. Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
 Department of Computer Science  
**Syllabus completion Report - Year -2021-22**  
 (U.G. /P.G.) (Odd Semester)


**Name of the Faculty: - Smt.N.V.Lahamage**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc(Co mp.Sci) (Sem-I)		Problem Solving Using Computer and 'C' Programming – I CS101	<b>Unit-I</b> Problem Solving Aspects <b>Unit-II</b> : 'C' Fundamentals <b>Unit-III</b> : Control Structures <b>Unit-IV</b> : Functions <b>Unit-V</b> : Arrays	48	100 %	Nil	NA	-
SYBSc(Co mp.Sci) (Sem-III)		Data Structures and Algorithms – I CS 231	<b>Unit-I</b> - Introduction to Data Structures and Algorithm Analysis <b>Unit-II</b> - Array as a Data Structure <b>Unit-III</b> - Linked List <b>Unit-IV</b> : Stack <b>Unit-V</b> : Queue	48	100 %	Nil	NA	-

Ass	DIV	Title of the paper with code	Name of the chapter up to before the examination	No.of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
TYBSc(Co mp.Sci) (Sem-V)		Object Oriented Programming using Java – I CS - 355	Unit-I: An Introduction to Java Unit-II: Objects and Classes Unit-III: Inheritance and Interface Unit-IV: Exception and File Handling Unit-V: User Interface with AWT and Swing	48	100 %	Nil	NA	-
TYBSc(Co mp.Sci) (Sem-V)		Theoretical Computer Science CS - 356	Unit-I: Finite Automaton Unit-II: Regular Expressions and Languages Unit-III: Context-Free Grammars and Languages Unit-IV: Push Down Automata Unit-V: Turing Machine	48	100 %	Nil	NA	
TYBSc(Co mp.Sci) (Sem-V)		Python Programming CS-3510	Unit-I: An Introduction to Python Unit-II: Control Statements Unit-III: Lists, functions, tuples and dictionaries, Sets Unit-IV: Modules, Working with files, Exception handling	48	100 %	Nil	NA	-

  
Signature of faculty

  
Head, Dept. of Computer Science

  
Principal

G.M.D.Arts, B.W. Commerce and Science College Sinnar. Dist- Nashik  
Department of Computer Science

**Syllabus completion Report - Year -2021-22**

**(U.G.) (Odd Semester)**

**Name of the Faculty: - Smt. Jayshree J. Bhangre**

Class	DIV	Title of the paper with code	Name of the chapter up to before the examination	No. of period used up to	Percentage of syllabus completed	Name of remaining chapter	In how many periods remaining chapters will be completed	Remark
FYBSc (Comp. Sci.) (Sem-I)	A	<b>Semiconductor Devices and Basic Electronic System (ELC-111)</b>	<ol style="list-style-type: none"> <li>1. Semiconductor Diodes</li> <li>2. Bipolar Junction Transistor (BJT)</li> <li>3. MOSFET</li> <li>4. POWER SUPPLY</li> <li>5. OSCILLATORS</li> <li>6. DATA CONVERTERS</li> </ol>	36	100%	Nil	NA	-
FYBSc (Comp. Sci.) (Sem-I)	A	<b>Principles of Digital Electronics (ELC-112)</b>	<ol style="list-style-type: none"> <li>1. Number Systems and Digital codes</li> <li>2. Logic gates and Boolean Algebra</li> <li>3. Combinational Circuits</li> </ol>	36	100%	Nil	NA	-

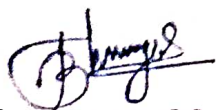


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FYBSc (Comp. Sci.) (Sem-I)	A	Practical Course (ELC-113)	<b>Group A:</b> <ol style="list-style-type: none"> <li>1. Study of half wave, full wave and bridge rectifier circuit with and without capacitor filters</li> <li>2. Study of Bipolar Junction Transistor as a Switch.</li> <li>3. Study of 4-Bit R-2R Ladder Network type of DAC.</li> <li>4. Study of 3-bit Flash ADC.</li> </ol> <b>Group B:</b> <ol style="list-style-type: none"> <li>1. Study of Logic Gates (Verification of Truth tables)</li> <li>2. Study of Binary to Gray &amp; Gray to Binary Converter (K-Map based design).</li> <li>3. Study of Half Adder and Full Adder using Logic Gates.</li> </ol>	40	100%	Nil	NA	

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			4. Use of Ex-OR as a 4-bit Parity Checker and Generator. 5. Study of Decimal to BCD/ (Binary) Converter					
SYBSc (Comp. Sci.) (Sem-III)	A	Microcontroller Architecture & Programming (ELC 231)	1. Basics of Microcontroller & Intel 8051 architecture 2. Programming model of 8051 3. Timer /Counter, Interrupts 4. Interfacing, Serial Communication	36	100%	Nil	NA	-
SYBSc (Comp. Sci.) (Sem-III)	A	Digital Communication and Networking (ELC- 232)	1. Introduction to Electronic Communication 2. Modulation and Demodulation 3. Multiplexing, Spectrum Spreading and Media Access Control	36	100%	Nil	NA	

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			4. Computer Networking					
SYBSc (Comp. Sci.) (Sem-III)	A	Practical Course (ELC-233)	<b>Group A:</b> 1. Arithmetic, logical & code conversion problems using assembly/C programming 2. Interfacing of thumbwheel & seven segment display to 8051 microcontroller 3. Interfacing LCD to 8051Microcontroller 4. Waveform generation using DAC Interface to 8051Microcontroller 5. Speed Control of stepper motor using 8051 microcontroller  <b>Group B:</b> 1. Study of Frequency	40	100%	Nil	NA	

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			Shift Keying 2. Study of Time Division Multiplexing 3. Study of Error detection and correction by using Hamming Code technique 4. Study of Computer network components : Cables, Connectors, Routers, Switches, Ethernet and related interfacing cards 5. To study Configuration of IP and MAC address and to study Local Area Network setup					



Signature of faculty



Head

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 G.M.D. Arts, B.W. Commerce and  
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 Principal  
 Principal

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