



Rayat Shikshan Sanstha's  
**Sadguru Gadage Maharaj College, Karad**  
(Autonomous College)

## **Criteria – II**

### **Teaching, Learning and Evaluation**

**2.3.4: Preparation and adherence of Academic Calendar and Teaching plans by the institution**

#### **Academic Calendar & Annual Teaching Plans**

**Year 2022-23**

234



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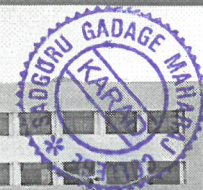
**JUNE 2022****ACADEMIC CALENDER 2022-23**

<b>SUN</b>		<b>4</b>	<b>11</b>	<b>18</b>	<b>25</b>
<b>MON</b>		 <b>5</b> World Environment Day Dept. Of Geography	<b>12</b>	<b>19</b>	 <b>26</b> Celebration of Chh. Shahu Maharaj Jayanti
<b>TUE</b>		<b>6</b>	<b>13</b>	<b>20</b>	<b>27</b>
<b>WED</b>		<b>7</b>	<b>14</b>	 <b>21</b> International Yoga Day	<b>28</b>
<b>THU</b>	<b>1</b> Placement & Carrier Guidance Dept. of Hotel Management	<b>8</b>	<b>15</b>	<b>22</b>	<b>29</b>
<b>FRI</b>	<b>2</b>	<b>9</b>	<b>16</b>	<b>23</b>	<b>30</b>
<b>SAT</b>	<b>3</b>	<b>10</b>	<b>17</b>	<b>24</b>	

**"Democracy should not be limited only to the system of governance but should become a part of the way of life"**



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MAY 2023

### ACADEMIC CALENDER 2022-23

SUN		7	14	21	28
MON	1 Maharashtra Din	8	15	22 NET/SET Workshop Dept. of Mathematics	30
TUE	2 Repeater Exam	9 Karmveer Bhaurao Patil Death Anniversary	16	23	31 Placement Drive Dept. of Hotel Management
WED	3	10 Academic Tour Dept. of Psychology	17	24 SEE Examination Period 02/05/2023 to 10/06/2023 (UG Sem.II, IV,VI Regular PG Sem II, IV Regular & UG Sem.I, III, V Repeater PG Sem I, III Repeater)	
THU	4 Local Study Tour, Industrial Visit, Dept. of Mathematics	11 Industrial Visit Dept. of Electronics	18	25	
FRI	5	12	19	26	
SAT	6	13	20	27	

"If you think you have a good idea, try it!"







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**JULY 2022**

**ACADEMIC CALENDER 2022-23**

SUN	31  Celebration of Premchand Jayanti Dept. of Hindi	3	10	17	24
MON		4	11 Celebration of World Population Day Dept. of Geography	18 First Term Teaching start for I year of UG & II year of PG Celebration of Keshavrao Pawar Purnya Tihi E-Content Development Dept. of BCA	25 AAA Committee Meeting Sanskrit Sambhashan Varge Dept. of Sanskrit
TUE		5  Celebration of World Population Day Dept. of Economics	12	19 Hands on Training Dept. of Microbiology Hands on Training Dept. of Chemistry	26
WED		6	13	20 Study Tour Dept. of Biotechnology	27
THU		7 Physical Fitness Program Dept. of Physical Education	14	21 Training Program Dept. of Physical Education	28
FRI	1 Admission Committee Meeting	8 Tree Plantation Activity Dept. of Botany	15	22	29 Celebration of National Sport Day
SAT	2 Admission Process First Year Graduation	9  Azadi Ka Amrut Mahotsav Dept. of Physical Education	16	23  Celebration of Lokmanya Tilak Jayanti	30

**"The youth need to be enabled to become job generators from job seekers"**

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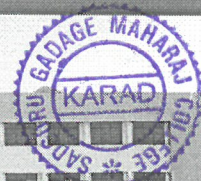
**APRIL 2023**

**ACADEMIC CALENDER 2022-23**

<b>SUN</b>	30	2	9	16	23
			Academic Tour B.Voc. Agriculture		
<b>MON</b>		3	10	17	24
		Industrial Visit Dept. Of Botany Workshop Dept. of Physics		Lead College Activity Dept. of Sanskrit	National Seminar Dept. of Mathematics
<b>TUE</b>		4	11	18	25
		Volleyball, Softball Tournament		Industrial Visit Electronics CDC Fourth Meeting	
<b>WED</b>		5	12	19	26
		BOS Meet Dept. of English Academic Tour Dept. of Philosophy			Farewell Function Sociology International Hospitality Day Dept. of Hotel Management
<b>THU</b>		6	13	20	27
			Parent Meeting Dept. of School of Commerce & Management		All Practical's Exam
<b>FRI</b>		7	14	21	28
		Field Visit Dept. of Sociology Project Report Writing Dept. of Sociology	 Dr. Bahasaheb Ambedkar Jayanti CCE - III Dept. of Exam.		
<b>SAT</b>	1	8	15	22	29
	NET/SET Guidance Dept. of Marathi	All Faculty Departmental Meetings	Hands on Training Dept. of Statistics		

**"We are Indians Firstly and Lastly"**

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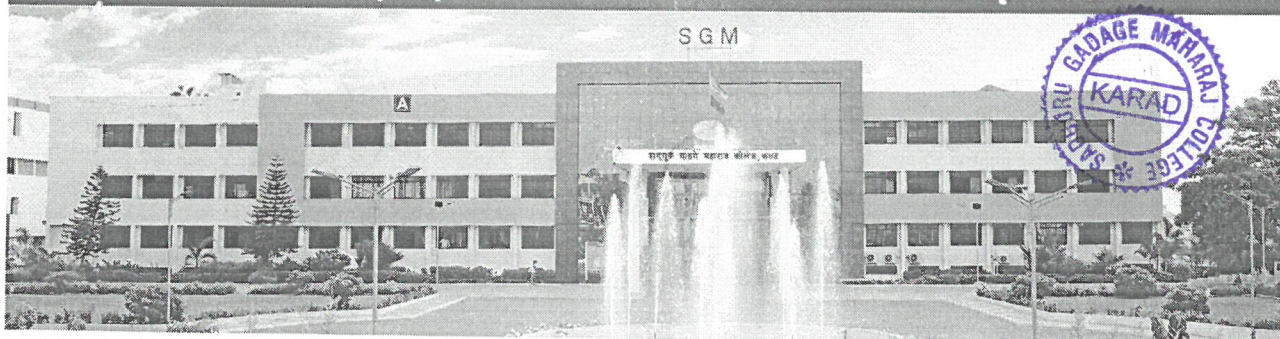


**AUGUST 2022**

**ACADEMIC CALENDER 2022-23**

SUN		7	14	21	28
MON	<b>1</b> Lokmany Tilak Punyithi & Annabhau Sathe Jayanti, Admission Committee Meeting for PG courses	<b>8</b> All Faculty Departmental Meetings	<b>15</b> Celebration of Independence Day	<b>22</b>	<b>29</b> State level Workshop on Journalism Dept. of Marathi, National Sports day
TUE	<b>2</b> Admission II / III year of Graduation & I year of PG	<b>9</b> August Kranti Din Celebration	<b>16</b> Parshi Din	<b>23</b> Sanskrit Day Celebration Celebration of World Vada Pav Day Dept. of Hotel Management	<b>30</b>
WED	<b>3</b>	<b>10</b> Teaching start for II/III year of graduation and I year of PG Supplementary Examination. Tribal Day- Dept. of Sociology	<b>17</b> Academic Council First Meeting One Day workshop on Research Data Management Tools & Techniques- IQAC	<b>24</b> Harishankar Jayanti Dept. of Hindi Field Visit - B.Voc. Agriculture	<b>31</b> Ganesh Chaturthi
THU	<b>4</b> Finance Committee First Meeting	<b>11</b> BOS First Meeting One Day Workshop on NEP 2020 - IQAC	<b>18</b> Committee Meeting	<b>25</b> Demonstration- B.Voc. Agriculture Workshop - BCS Dept. Syllabus Workshop- M.Sc.I Dept. of Zoology	
FRI	<b>5</b> One day Workshop on Institutional Values & Best Practices-IQAC	<b>12</b> Celebration of Librarian Day Dept. of Library Celebration of Sanskrit Day Dept. of Sanskrit	<b>19</b> Governing Body First Meeting	<b>26</b> Conference B.Com. IT Workshop- Commerce & Management Dept. Workshop- BCS Dept.	
SAT	<b>6</b> B. Sc. I Workshop & Principals Address	<b>13</b> Training Program Dept. of Physical Education Poem Reading Competition Dept. of Hindi, Flag hosting	<b>20</b> Committee Meeting	<b>27</b> Workshop Dept. of Botany	

**"One of the very important characteristics of student is to Question"**



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**MARCH 2023**

**ACADEMIC CALENDER 2022-23**

SUN		5	 Celebration of Yashwantrao Chawan Jayanti	12	19	26	N.S.S. Camp Organization Study Tour Dept. of Botany
MON		6	BOS Meeting Dept. of Physics  Kho-Kho, Cricket Tournaments	13	20	27	Placement Drive Chemistry
TUE		7	BOS Meeting Dept. of Electronics	14	 Sou.Laximibai Bhaurao Patil Punyetithi Workshop Dept. of English	21	28
WED	1	8	National Seminar Dept. of Geography World Women's Day Celebration Kavi Adaney Jayanti Dept. of Hindi	15	22	29	Workshop B.Com IT
THU	2	9	Student Centric Program Philosophy	16	23	30	IQAC Forth Meeting
FRI	3	10	Lead College Workshop Dept. of Sociology	17	24	31	Career Guidance Workshop Dept. of Sociology Workshop Dept. of Political Science
SAT	4	11	CCE- II Dept. of Exam	18	25		Word Forestry Day Dept. Of Geography

**"Nothing will work unless you do"**



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**SEPTEMBER 2022**

**ACADEMIC CALENDER 2022-23**

SUN		4	11	18	25
MON		5	12	19	26
		Celebration of Teacher Day	BOS Subcommittee Meet Dept. of Philosophy	Faculty Development Program Dept. of Statistics	Career Development Workshop Dept. of Chemistry
TUE		6	13	20	27
		Hands on Training Dept. of Physics	CDC First Meeting BOS Sub Committee Meet Dept. of Psychology	Field Visit Dept. of Physics BOS Meeting : Dept. of Commerce & Management Career Counseling Dept. of Zoology	Lead College Activity Dept. of Physics, Tourism Day Celebration Dept. of Geography
WED		7	14	21	28
		Celebration Krantivir Umaji Naik Jayanti	Celebration of Hindi Din, Literature Association Inauguration Wallpaper Activity Dept. of Sociology	National Seminar Dept. of Botany CCE - I : Dept. of Exam	Ankur Wall Paper Activity Dept. of Botany Diagnostic Test for First Year
THU	1	8	15	22	29
		BOS Sub Committee Meet Dept. of Political Sci.	Workshop- Dept. of Political Science IQAC First Meeting	 Krantivir Bhaurao Patil Jayanti	Workshop Dept. of B.Com. IT Workshop on CRI V-IQAC Bakery Day & Coffee Day Dept. of Hotel Mang. Study Tour- B.Sc.III Dept. of Zoology
FRI	2	9	16	23	30
Inauguration of Green Corner Dept. of Botany Modak Festival & World Coconut Day Dept. of Hotel Management		Blood Donation Camp Dept. of Physical Education Outreach Programme Dept. of Chemistry	Field Visit Dept. of History Zonal Sport, Satara, Ozon Day Celebration Dept. of Geography Field Visit - B.Voc. Agriculture	Workshop Dept. of Political Science Induction Program Dept. of Physics	Field Visit Dept. of History Study Tour Dept. of BCS
SAT	3	10	17	24	
Inception of German & Japanese Language Courses		BOS Sub Committee Dept. of Physics	BOS Meeting Dept. of Microbiology BOS Meeting Dept. of Chemistry	Hands on Training Dept. of Statistics BOS Meeting Dept. of Hotel Management	

**"Education through self-help is our motto"**



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**FEBURARY 2023**

**ACADEMIC CALENDER 2022-23**

<b>SUN</b>		<b>5</b>	<b>12</b>	 <b>19</b> Celebration of Chh. Shivaji Maharaj Jayanti	<b>26</b> Study & Field Visit Dept. Of Psychology Celebration of Swatantrvir Sawarkar Punyethi
<b>MON</b>		<b>6</b> National Seminar Dept. of English Study Tour Dept. of Geography Seminar Dept. of Sanskrit	<b>13</b> BOS Meeting Dept. of Microbiology	<b>20</b> Lead College Activity Dept. Of Marathi Hands On Training Dept. Of Geography CCE-I Dept. of Exam	<b>27</b> Marathi Bhasha Din Dept. Of Marathi Project B.Com.IT
<b>TUE</b>		<b>7</b> BOS Meeting Dept. of Psychology Study Tour Dept. of Education	<b>14</b> Pre Campus Training Workshop Dept. of English	<b>21</b> Parent Meeting Dept. of Biotechnology. BOS Meeting Dept. of Hotel Management Matrudin Program Dept. Of Marathi	<b>28</b> Science Exhibition & Poster Presentation Celebration of National Science Day Dept. of Physics
<b>WED</b>	<b>1</b> National Symposium & SMG Quiz Dept. of chemistry Industrial Visit : Dept. of Botany Study Tour : Dept. of BCS Training to Farmer Dept. of Zoology	<b>8</b> Excursion -B.Sc. III Dept. of Zoology	<b>15</b> Field Visit on Daily News Paper Office Dept. Of Hindi	<b>22</b> Surykant Trippathi 'NIRALI' Jayanti Dept. Of Hindi Workshop on Hands on Training Dept. of Botany	
<b>THU</b>	<b>2</b> E-Content Development Program Dept. of Education	<b>9</b> NET/SET Workshop Dept. of Pol. Science	<b>16</b> Excursion Tour Dept. Of Geography Excursion B.Sc III Dept. of Zoology	 <b>23</b> Celebration of Sant Gadge baba Jayanti BOS Meeting Dep	
<b>FRI</b>	<b>3</b> World Wildlife Day Dept. Of Geography	<b>10</b> Gender Equality Awareness Poster Presentation Dept. of Sociology Industrial Visit - B. Com IT Industrialists Interview Dept. of Commerce and Manag.	<b>17</b> Field Visit Dept. of Hindi BOS Meeting B.Voc. Agriculture	<b>24</b> Study Tour Physics Science Exhibition Dept. of Microbiology Poster Presentation Dept. of Commerce & Mangt.	
<b>SAT</b>	<b>4</b> NET/SET Dept. of Economics and Physics Lead College Activity Dept. of Physical Education Industrial Tour & Field visit Dept. of Commerce & Management	<b>11</b> BOS Meeting Dept. of Education	<b>18</b> Br. P.G. Patil State Level College Speech: Spardha	<b>25</b> Trade Fair Dept. of Microbiology	

**"Freedom is a boon, which everyone has the right to receive"**







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**OCTOBER 2022**

**ACADEMIC CALENDER 2022-23**

<b>SUN</b>	30	 Celebration Mahatma Gandhi Jayanti Lal Bhabaddur Jayanti	2	9	16	23
<b>MON</b>	31		3	10	17	 Hari Shankar Parsai Jayanti Dept. of Hindi
<b>TUE</b>			4	11	18	25
<b>WED</b>			5	12	19	26
<b>THU</b>			6	13	20	27
<b>FRI</b>			7	14	21	28
<b>SAT</b>	1	Lead College Activity Dept. of Botany Blood Donation Day- Dept. of Sociology World Vegetarian Day- Dept. of Hotel Management	8	15	22	29

**"The future depends on what you do today"**



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**JANUARY 2023**

**ACADEMIC CALENDER 2022-23**

SUN	1 Second Term Start	8 Celebration of Dr. Patangrao Kadam Jaynti	15	22	29
MON	2 Celebration of Vittal Ramji Shinde Punyathiti Lead College Activity Dept. of Economics WorkShop Dept. of Chemistry, SUK Inter Zonal YOGA Tournament	9	16 NET/SET Workshop Sociology & History Marathi Bhasha Savardhan Din Celebration of Geography Day Industrial visit B.Voc.III Dept. of Hotel Management	23 Celebration of Netaji Subhashchandra Jayanti Land use Survey Dept. of Geography	30 Workshop B. Com. IT
TUE	3 Celebration of Savitribai Phule Jayanti Lead college Activity Dept of History and BCS	10 International Hindi Din Lead College Activity Dept. of Marathi	17 BOS Meet Dept. of Philosophy	24 Poster Presentation Dept. of Electronics	31
WED	4 Finance Committee Third Meeting NET/SET Workshop Dept. of History	11 Workshop Dept. of Economics	18 Trade Fair B.Com. IT, Industrial Visit Dept. of Botany Lead College Activity Dept. of Sanskrit	25 Voters Day Dept. of Political Science	
THU	5 Lead College Activity Dept. Of B. Com. IT Dept. Of Commerce & Mang. All faculty departmental meetings	12 Swami Vivekanand Jayanti Second Meeting Academic Council NET/SET Workshop Dept. of Commerce and Mang.	19 August Comet Birth Anniversary Dept. of Sociology	26 Republic Day & DISHA Wallpaper Publication Dept. of English	
FRI	6 Kameswar Jayanti Dept. of Hindi and Celebration of Patrakar Din Dept. of Marathi M.Sc.-I Practical Exam	13 Celebration of Traditional Day Second Meeting - IQAC	20 Exhibition of Medicinal Plants Botany Quiz Competition Dept. of BCS Blood group checkup Workshop Dept. of Zoology	27 Wall Paper Activity Dept. of Political Science	
SAT	7 SUSTA Activity Dept. of Statistics Lead College Activity Dept. of Hotel Management	14	21 NET/SET Workshop Dept. of English	28 IQAC Third Meeting	

**"Arisel Awake! stop not until goal is reached"**

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**NOVEMBER 2022**

**ACADEMIC CALENDER 2022-23**

SUN		6	13	20	27
MON		7	14	21	28
		BOS Meeting Dept. of Sociology Visit to old age home BOS Meeting Dept. of Sociology	Training Program Dept. of Chemistry BOS Meeting - B.Voc. Agriculture Celebration of Children's Day National Pickle Day Dept. of Hotel Management	Extending expertise for Autonomous colleges IQAC	
TUE	1	8	15	22	29
		 Gurunanak Jayanti CCE - III Dept. of Exam	Visit to Anti-Corruption Bureau, Satara Dept. of Political Science Blood Donation Camp Dept. of Zoology	KVP Elocution organization	Volleyball Tournament Dept. of Physical Edu.
WED	2	9	16	23	30
		Training Program Dept. of Microbiology	Literary Association Inauguration Dept. of Marathi Field Visit Dept. of Electronics	Celebration of Philosophy Day Interdisciplinary Activity Dept. of Sanskrit	
THU	3	10	17	24	
		Visit to Library Dept. of Sociology	BOS meet Political Science, Zonal Tournament Dept. of Physical Edu.	Industrial Visit B.Voc. I Dept. of Hotel Management	
FRI	4	11	18	25	
	Lead College Activity Dept. of Microbiology	Lead College Activity Dept. of Microbiology Practical Exam (B.Sc.II, III, M.Sc.-II)	World Philosophy Day	Lead College Activity Dept. of Chemistry	
SAT	5	12	19	26	
		Lead College Activity Dept. of Physics	Lead College Activity Dept. of Electronics National Education Day	BOS Meet Dept. of English Celebration of Constitution Day	

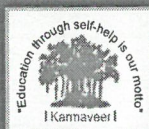
**"To be successful in life, you need education"**



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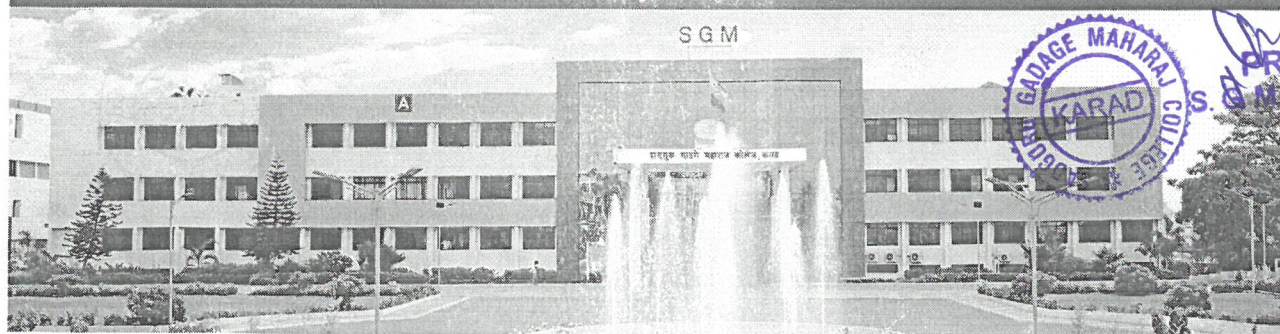


**DECEMBER 2022**

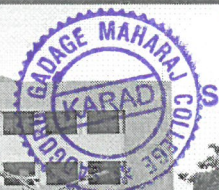
**ACADEMIC CALENDER 2022-23**

SUN		4  National Cookies Day Dept. of Hotel Management	11	18	25  Christmas Festival Dept. of Hotel Management
MON	SEE I Examination Period 01/12/2022 to 31/12/2022  (UG Sem I, III, V Regular, PG Sem I, III Regular & UG Sem II, IV, VI Repeater PG Sem II, IV Repeater)	5  World Soil Day Dept. of Geography, Industrial Visit Dept. of Chemistry	12  Blood Donation Camp Dr. Ghuryev Birth Anniversary Dept. of Sociology	19	26  Governing Body Second Meeting
TUE		6  Celebration Dr. B. R. Ambedkar Mahaparinirwan Day & Krantishih Nana Patil Death Anniversary Study Tour Dept. of Chemistry	13  Training Program Dept. of Microbiology Training Program Dept. of Chemistry	20  Lead College Activity Dept. of Geography	27  Workshop on Research Methodology Dept. of Chemistry
WED		7  AIDS Awareness Dept. of Sociology Field Survey Dept. of Chemistry	14  NET/SET Workshop Dept. of Microbiology Geeta Jayanti Dept. of Sanskrit	21  National Conference Dept. of History	28  International Conference Dept. of Physics
THU	1  Industrial Visit Dept. of Microbiology World AIDS Prevention Day AIDS awareness workshop Dept. of Sociology	8  Poster Presentation Dept. of Commerce & Management CDC Third Meeting	15  Lead College Activity Dept. of Hindi National Cup Cake Dept. of Hotel Management	22  Industrial Visit Dept. of Microbiology Study Tour Dept. of Education	29  International Conference Dept. of Physics
FRI	2  National Conference Dept. of Mathematics Finance Committee Second Meeting	9  NET/SET Workshop Dept. of Hindi	16  Poster Presentation Dept. of B. Com.IT Celebration of National Mathematics Day.	23  Second Meeting Academic Council	30
SAT	3  Lead College Activity Dept. of Statistics	10  Human Rights Day Dept. of Political science BOS Second Meeting Lead College Activity Dept. of Zoology	17  Field Visit Dept. of Marathi	24  Industrial Visit B.Voc.II - Dept. of Hotel Management	31  Field Visit Dept. of Physics

**"You have to dream before your dreams can come true"**



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**PRINCIPAL**  
S. G. M. College, Karad



# Annual Teaching plan for Academic Year 2022-2023

Name of teacher – Mali Sarika Milind

Department of Commerce

Subject – Co-operative Development

Bcom III

Month	Class	Period Alloted	Period Taken	Topic/ Unit
August	Bcom III	16	16	Unit 1 - Introduction to Co-operation 1.1 Meaning, definition, features, structure and role of Cooperatives 1.2 Manchester Principles of Co-operation 1.3 Role of Women in Cooperatives – Case Studies 1.4 Progress and Challenges of Cooperatives in India since 1991
September	Bcom III	16	16	Unit 2 – Co-operative Credit Institutions 2.1 Structure of Co-operative Credit Institutes 2.2 PACS & Non-agricultural Credit Co-operative societies: Organization, functions and Problems 2.3 DCCB: Organization, functions, Performance and Problems 2.4 State Co-operative Banks: Organization, functions, Performance and Problem
October	Bcom III	16	16	Unit 3 – Committees and Co-operative Development in India 3.1 M.N.Khusro Committee 3.2 Vaidhyanthan Committee 3.3 Shivajirao Patil Committee 3.4 R.Gandhi Committee
November	Bcom III	16	16	Unit 4 – Co-operative Laws in India 4.1 Need and Importance of Co-operative Laws in India 4.2 Maharashtra Co-operative Societies Act-1960 – Recent Amendments 4.3 Multi State Co-operative Societies Act 2002 4.4 APMC Act 1962 (Amendments)

  
Head  
Dept. of Commerce  
A.G.M. College Karad



Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Bcom III	16	16	Unit 1 – Co-operative Education & Training 1.1. Need and Importance 1.2. Scope of Cooperative Education & Training – Members, Employees and Directors 1.3. Co-operative Training Institutes in India 1.4. Role of leadership in Co-operative Development
February	Bcom III	16	16	Unit 2 – Major Co-operative Institutions in Maharashtra 2.1 Sugar co-operatives: Growth, Performance and Problems 2.2 Dairy co-operatives: Growth, Performance and Problems 2.3 Textile co-operatives: Growth, Performance and Problems 2.4 Urban Co-op. Banks: Growth, Performance and Problems
March	Bcom III	16	16	Unit 3 – Co-operative Audit and Administration 3.1. Co-operative Audit: Objectives, types, weakness and remedies 3.2. Role and Responsibilities of Co-operative auditor 3.3. Role and Responsibilities of Co-operative Registrar 3.4. Board of Management for UCBs
April	Bcom III	16	16	Unit 4 – Housing Co-operatives in Maharashtra 4.1. Cooperative Housing Societies: Functions and Management 4.2. Maharashtra Ownership of Flat Act-1963 - Maharashtra Apartment Ownership Act 1970 4.3. Maharashtra Co-operative Housing Society Bye Laws 4.4. Process of Registration of Co-operative Housing Society.

  
**Head**  
 Dept. of Commerce  
 S G M College Karad



# Annual Teaching plan for Academic Year 2022-2023

Name of teacher –Mali Sarika Milind

Department of Commerce

Subject – Modern management

Bcom III

Month	Class	Period Alloted	Period Taken	Topic/units
August	Bcom III	16	16	Unit-1 Contribution to Modern Management Practices 1.1 Modern Management: 1.1.1 Concept 1.1.2 Importance of modern management 1.1.3 Changing environment in modern management. 1.2 Contribution of Peter Drucker: Management by Objectives (MBO)- Concept, Characteristics, Importance, Merits and Demerits. 1.3 Contribution of Michael Porter: 1.3.1 Competitive Advantage 1.3.2 Cost Leadership 1.3.3 Differentiation and Focused Strategy 1.4 Contribution of Vijay Govindrajani : Three box solution- Concepts and Characteristics.
September	Bcom III	16	16	Unit- 2 Strategic Management and Customer Relationship Management (CRM): 2.1 Strategic Management: 2.1.1 Concept and Importance 2.1.2 Meaning and Features, Nature of Organisational Environment 2.1.3 Environmental Analysis 2.1.4 SWOC, TWOS Analysis 2.1.5 Process of Strategic Management 2.1.6 Types of Strategy. 2.2 Customer Relationship Management (CRM): 2.2.1 Definition 2.2.2 Features 2.2.3 process and Techniques of CRM 2.2.4 Importance of CRM in modern era e-CRM , Advantages of e-CRM
October	Bcom III	16	16	Unit-3 Corporate Governance and Corporate Social Responsibility 3.1 Corporate Governance: 3.1.1 Concept and Definitions 3.1.2 Features 3.1.3 Role of Board of Directors in Corporate Governance 3.1.4 Role of Shareholders and Auditors in Corporate



				Governance 3.3 Corporate Social Responsibility: 3.3.1 Concept of Social Responsibility Areas of CSR
November	Bcom III	16	16	Unit- 4- Knowledge Management and Disaster Management 4.1 Knowledge Management: 4.1.1 Concept, Definition 4.1.2 Objectives, 4.1.3 Process 4.1.4 Parameters of Knowledge Management. 4.2 Disaster Management: 4.2.1 Concept and Definition 4.2.2 Features 4.2.3 Types of disaster-natural and Man- made 4.2.4 Challenges before Disaster Management in India 4.2.5 Steps in prevention and mitigation of disaster, Case studies on Disaster Management

  
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Month	Class	Period Alloted	Period Taken	Topic / Unit
January	Bcom III	16	16	Unit-1 Total Quality Management: 1.1 Concept of quality 1.2 Meaning of TQM, Elements of TQM 1.3 Contribution of Deming and Juran. 1.4 Need and barriers of TQM
February	Bcom III	16	16	Unit- 2 Quality Standards: 2.1 Benchmarking: 2.1.1 Concept 2.1.2 Types of Benchmarking 2.1.3 Advantages and limitations. 2.2 Six Sigma: 2.2.1 Meaning 2.2.2 characteristics 2.2.3 Importance of Six Sigma, 2.2.4 Steps in implementing Six Sigma. 2.3 ISO-9000: 2.3.1 Meaning 2.3.2 Importance of ISO quality standards 20 Elements of ISO9000.
March	Bcom III	16	16	Unit-3 Time, Event and Stress Management: 3.1 Time Management: 3.1.1 Meaning 3.1.2 Importance 3.1.3 Techniques of Time Management. 3.2 Event Management: 3.2.1 Concept and importance 3.2.2 Procedure of Event Management 3.2.3 Types of Events. 3.3 Stress Management: 3.3.1 Meaning of stress 3.3.2 Causes of stress 3.3.3 Effects of stress 3.3.4 Coping strategies for stress.
April	Bcom III	16	16	Unit- 4- International Management: 4.1 International Management and Multinational Corporations- Nature and purpose of International Business 4.2 Multinational Corporations (MNCs)- Advantages and challenges 4.3 Role of Global Managers Global Company, Transnational Corporation, Export and Import Process.

  
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# Annual Teaching plan for Academic Year 2022-2023

Name of teacher Mali Sarika Milind

Department of Commerce

Subject – Insurance

Bcom I

Month	Class	Period Alloted	Period Taken	Topic/ Unit
August	Bcom I	16	16	Unit I: Topic- An Introduction to Insurance: 1.1. Meaning & Concept 1.2. Need of Insurance 1.3. Physical and Human Asset 1.4. Insurance as a social security tool 1.5. Economic and commercial Significance of insurance.
September	Bcom I	16	16	Unit II: Topic- Insurance contract and Principles: 2.1. Insurance Contract: 2.1. Nature of Insurance contract 2.2. Difference between Insurance contract and wagering contract 2.3. Types of Insurance contract (Personal Insurance, Property Insurance, Guarantee Insurance) 2.4. Fundamental principles of Insurance-(Primary and secondary)
October	Bcom I	16	16	Unit III: Life Insurance: 3.1.1. Meaning and Significance 3.1.2. Procedure of taking Life Insurance Policy 3.1.3. Policy conditions 3.1.4. Types of Policy (Whole Life Policy, Endowment Group and Unit Linked insurance Policy (Only-meaning, merits and demerits) 3.1.5. Settlement of claims 3.2. Life Insurance Corporation of India 3.2.1. Role of LIC 3.2.2. Marketing and promotion strategy of Insurance services. 3.3 Life Insurance for the under privileged (Maharashtra) 3.3.1 Industrial Life Insurance schemes 3.3.2 Social Security schemes and Pensions Plans 3.3.3 Micro Life Insurance
November	Bcom I	16	16	Unit IV: Topic - Public & Private sector companies in India 4.1 An overview (minimum 5 leading companies) 4.2. Career in Insurance: 4.2.1. Institutes for Insurance education and Training 4.2.2. Procedure for becoming an insurance Advisor-their commission and Rebating 4.2.3. Code of conduct 4.2.4. Functions of insurance advisor 4.3 Reinsurance: Meaning ,Definition and functions

  
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Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Bcom I	16	16	Unit I: Topic- Fire Insurance: 1.1 Meaning & Definition 1.2 Procedure of taking fire Insurance policy 1.3 policy conditions 1.4 Kinds of policy 1.5 Cancellation and renewal of policy 1.6 Settlement of claims 1.7Progress of fire insurance
February	Bcom I	16	16	Unit II: Topic-Marine Insurance: 2.1. Meaning & Definition 2.2. Procedure of taking marine insurance policy 2.3. Difference between fire and marine Insurance 2.4. Clauses of marine insurance policy 2.5. Marine Losses and perils 2.6. Types of policy 2.7 Progress of marine insurance
March	Bcom I	16	16	Unit III: Topic- General Insurance: (only nature & cover) 3.1. Motor Insurance 3.2. Personal Accidental and Sickness Insurance 3.3. Health Insurance 3.4. Rashtriya Swasthya Bima Yojana 3.5 Pradhan Mantri Suraksha Bima Yojana 3.6 Pradhan Mantri Jan-Dhan Yojana 3.7 Bancassurance: Meaning, Definition and Advantages
April	Bcom I	16	16	Unit IV: Topic-IRDA Act -1999 & Privatization of Insurance Sector: 4.1. IRDA Act -1999: 4.1.1. Nature & Objectives 4.1.2. Organizational set up 4.1.3. Functions of IRDA 4.2. Privatization of Insurance Sector:- merits & demerits 4.3. Foreign Direct Investment (FDI) in Insurance Sector:- merits and demerits

  
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Annual Teaching plan for Academic Year 2022-2023

Name of teacher – Mali Sarika Milind

Department of Commerce

Subject- Fundamental of Entrepreneurship

B.Com-II

Semester-III

Month	Class	Period Allotted	Period Taken	Topic/units
August	B.Com-II	16	16	Entrepreneur and Entrepreneurship A) Entrepreneur: 1.1 Meaning and Definition 1.2 Competencies of Entrepreneurs 1.3 Types of Entrepreneurs 1.4 Functions of Entrepreneur B) Entrepreneurship: 1.5 Meaning and Definition 1.6 Importance 1.7 Theories of Entrepreneurship - Joseph Schumpeter's Innovation Theory, McClelland's Theory of need achievement. 1.8 Obstacles before entrepreneurship in
September	Bcom II	16	16	Micro, Small and Medium Enterprises (MSME): 2.1 Definition and importance of MSME 2.2 Government Policy and Support 2.3 MSME Act 2006. 2.4 Problems & remedies of MSME. 2.5 Steps for formation of MSME (Opportunities, Selection of Location, Licencing and Registration, Infrastructure, Capital formation, HR, Production and Marketing etc.,) , NIESBUD, MCED, DIC.
October	Bcom II	16	16	Entrepreneurship Development : 3.1 Concepts and Objectives 3.2 Factors contributing to growth of Entrepreneurship 3.3 Process of EDP 3.4 Problems and measures of EDP in India 3.5 Institutional support for Entrepreneurship development EDI, NIESBUD, MCED, DIC.
November	Bcom II	16	16	Recent Trends in Entrepreneurship 4.1 Franchising- concept, Characteristics & importance. 4.2 Special Economic Zones (SEZ) - (Concepts, importance, present position.) 4.3 Entrepreneurship in Service Sector 4.4 Government Initiatives- Startup India, Stand up India. – Skills India and Make in India. 4.5 Entrepreneurship and Skill Hub - Innovation, Invention and Incubatio

  
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**Semester-IV**

Month	Class	Period Allotted	Period Taken	Topic / Unit
January	Bcom II	16	16	Women Entrepreneurship: 1.1 Definition & Characteristics 1.2 Problems of women entrepreneurs 1.3 Remedies for women Entrepreneurship development in India. 1.4 Role of Self Help Groups (SHGs) in Women Entrepreneurship Development. 1.5 Success stories of women entrepreneurs – Veena Patil, Chetana
February	Bcom II	16	16	Rural and Agro Entrepreneurship A) Rural Entrepreneurship : 2.1 Meaning and Concept, Importance 2.2 Problems of Rural Entrepreneurship 2.3 Strategies for Rural Entrepreneurship Development B) Agro Entrepreneurship 2.4 Meaning, Concept and Importance 2.5 Scope in Agricultural Sector 2.6 Problems and Measures in Agro Entrepreneurship
March	B.Com II	16	16	Project Management: 3.1 Concept of project 3.2 Classification of project 3.3 Stages of project Management 3.4 Reasons for failure of project 3.5 Project report on- Retail stores, Hotel , Agro- processing Unit and Beauty Parlor, Online Business. ject
April	Bcom II	16	16	A) Family Business 4.1 Meaning 4.2 Advantages and Disadvantages of family business 4.3 Challenges and Strategies for family business in India B) Stories of successful Entrepreneurs: 4.4 Kalyani Group of Industries 4.5 Hanamantrao Gaikwad (BVG Group) 4.6 Ramdas Mane (Their entrepreneurial sketch and qualities)

  
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Annual Teaching plan for academic year 2022-23  
Name of Teacher: Miss. Madhumeeta Sanjay Patil  
Department: English

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.com 2 <sup>nd</sup> (B and C div )	15	06+06	<u>Module I</u> <u>A) Soft Skills for Interview</u> <u>B) Phenomenal Woman – Maya Angelou</u>
Septeber	B.Com 2 <sup>nd</sup> B and C div)	17	17	A) Group Discussion B) The Childless One – Jai Nimbkar. C) Those Winter Sundays – Robert Hayden
October	B.Com 2 <sup>nd</sup> B and C division	17	17	Module III A) English for Competitive Examination – I B) Four Minutes that get you Hired– Connie Brown Glaser and Barbara Steinberg Smalley Module IV B) The Road Not Taken – Robert Fro




Annual Teaching plan for academic year 2022-23  
Name of Teacher: Miss. Madhumeeta Sanjay Patil  
Department: English

November	B.com 2 <sup>nd</sup> B and C division	16	15	<p>Module III</p> <p>A) English for Competitive Examination – I</p> <p>B) Four Minutes that Get You Hired– Connie Brown Glaser and Barbara Steinberg Smalley</p> <p>Module IV</p> <p>A) Stormy Arrival in South Africa – Mohandas Karamchand Gandhi</p>
January	B.com 2 <sup>nd</sup> B and C division	18	16	<p>Module V</p> <p>A) E-Communication</p> <p>B) Breathing Spaces – Rana Nayar</p>
February	B.com 2 <sup>nd</sup> B and C division	15	15	<p>Module VI</p> <p>A) English for Competitive Examination – II</p> <p>B) My Financial Career – Stephen Leacock</p>



Annual Teaching plan for academic year 2022-23  
Name of Teacher: Miss. Madhumeeta Sanjay Patil  
Department: English

March	B.com 2 <sup>nd</sup> B and C division	16	16	Module VII  A) English for Banking and Industries  B) Senor Payroll – William E. Barrett
April	B.com 2 <sup>nd</sup> B and C division	13	13	Module VIII  A) The Verger – Somerset Maugham  B) The Same Questions – Arundhathi Subramaniam  C) One Day I Wrote Her Name – Edmund Spenser

  
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**Annual Teaching plan for academic year 2022-23**

Name of Teacher: Asst. Prof. Trupti Anup Hendre

Department: Commerce

Subject: Industrial Management I Sem- V

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
September	B. Com III	08	08	Unit-I Introduction to Industrial Management
October	B. Com III	16	10	Unit-I Introduction to Industrial Management Unit II- Work Environment
November	B. Com III	19	17	Unit III Plant Maintenance Unit IV Capital Management
December	B. Com III	06	06	Unit IV Capital Management

  
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**Annual Teaching plan for academic year 2022-23**

Name of Teacher: Asst. Prof. Trupti Anup Hendre

Department: Commerce

Subject: Industrial Management II Sem. V

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
September	B. Com III	08	08	Unit-I  Introduction to Human resource Management
October	B. Com. III	17	14	Unit II Human Resource Planning
November	B. Com. III	17	15	Unit III  Employee Training and Performance Appraisal  Unit IV-Recent trends in HRM
December	B. Com.III	08	06	Unit IV-Recent trends in HRM


**Annual Teaching plan for academic year 2022-23**

Name of Teacher: Asst. Prof. Trupti Anup Hendre

Department: Commerce

Subject: Industrial Management III Sem. VI

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
January	B. Com III	14	10	Unit-I  Production function and planning and control
February	B. Com. III	16	14	Unit II  Productivity
March	B. Com. III	17	14	Unit III Inventory Management  Unit IV-Logistic Management
April	B. Com.III	08	06	Unit IV- Logistic Management

  
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**Annual Teaching plan for academic year 2022-23**

Name of Teacher: Asst. Prof. Trupti Anup Hendre

Department: Commerce

Subject: Industrial Management IV Sem. VI

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
January	B. Com III	14	10	Unit-I Employee Remuneration
February	B. Com. III	16	14	Unit II Industrial Relations
March	B. Com. III	17	14	Unit III Employee Safety, Health and Moral Unit IV-HR Accounting
April	B. Com.III	08	06	Unit IV-HR Accounting

  
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**Annual Teaching plan for Academic Year 2022-2023****Name of teacher - Pradnya Sharad Lad.****Department of Commerce****Subject - Financial Accounting****Bcom I**

Month	Class	Period Alloted	Period Taken	Topic/units
August	Bcom I Sem I	16	15	Basics of Accounting Accounting Accounting – Meaning, Definitions, Scope & Importance, Accounting Cycle, Accounting Concepts and Conventions Accounting Process, Accounting Standards -Need & Procedure
September	Bcom I Sem I	16	16	Amalgamation of partnership firm Introduction , Theory Practical Problems
October	Bcom I Sem I	16	17	Consignment Account Important Terms Accounting in the books of Consigner Accounting in the books of Consignee practical Problems
November	Bcom I Sem I	16	16	Account of Professionals Preparation of Receipt and Expenditure Account and Balance Sheet of Medical Practioners and Professional Accountants.

**Semester II**

Month	Class	Period Alloted	Period Taken	Topic/units
January	Bcom I Sem II	16	16	Single Entry System Conversion Method only Practical Problems
February	Bcom I Sem II	16	15	Conversion of Partnership Firm into Limited Company Accounting in the books of partnership firm only. practical Problems
March	Bcom I Sem II	16	15	Branch Accounts Dependent Branch-Preparation of Branch Account Branch Trading and Profit and Loss Account. practical Problems
April	Bcom I Sem II	16	16	Goods and Services Tax (GST) Concept and Applicability and Journal Entries practical Problems



## Annual Teaching plan for Academic Year 2022-2023

Name of teacher - Pradnya Sharad Lad.

Department of Commerce

Subject – Modern management

Bcom III

Month	Class	Period Alloted	Period Taken	Topic/units
August	Bcom III	16	16	Unit-1 Contribution to Modern Management Practices 1.1 Modern Management: 1.1.1 Concept 1.1.2 Importance of modern management 1.1.3 Changing environment in modern management. 1.2 Contribution of Peter Drucker: Management by Objectives (MBO)- Concept, Characteristics, Importance, Merits and Demerits. 1.3 Contribution of Michael Porter: 1.3.1 Competitive Advantage 1.3.2 Cost Leadership 1.3.3 Differentiation and Focused Strategy 1.4 Contribution of Vijay Govindrajana : Three box solution- Concepts and Characteristics.
September	Bcom III	16	16	Unit- 2 Strategic Management and Customer Relationship Management (CRM): 2.1 Strategic Management: 2.1.1 Concept and Importance 2.1.2 Meaning and Features, Nature of Organisational Environment 2.1.3 Environmental Analysis 2.1.4 SWOC, TWOS Analysis 2.1.5 Process of Strategic Management 2.1.6 Types of Strategy. 2.2 Customer Relationship Management (CRM): 2.2.1 Definition 2.2.2 Features 2.2.3 process and Techniques of CRM 2.2.4 Importance of CRM in modern era e-CRM , Advantages of e-CRM
October	Bcom III	16	16	Unit-3 Corporate Governance and Corporate Social Responsibility 3.1 Corporate Governance: 3.1.1 Concept and Definitions 3.1.2 Features 3.1.3 Role of Board of Directors in Corporate Governance 3.1.4 Role of Shareholders and Auditors in Corporate Governance

				3.3 Corporate Social Responsibility: 3.3.1 Concept of Social Responsibility Areas of CSR
November	Bcom III	16	16	Unit- 4- Knowledge Management and Disaster Management 4.1 Knowledge Management: 4.1.1 Concept, Definition 4.1.2 Objectives, 4.1.3 Process 4.1.4 Parameters of Knowledge Management. 4.2 Disaster Management: 4.2.1 Concept and Definition 4.2.2 Features 4.2.3 Types of disaster-natural and Man- made 4.2.4 Challenges before Disaster Management in India 4.2.5 Steps in prevention and mitigation of disaster, Case studies on Disaster Management

Month	Class	Period Alloted	Period Taken	Topic / Unit
January	Bcom III	16	16	Unit-1 Total Quality Management: 1.1 Concept of quality 1.2 Meaning of TQM, Elements of TQM 1.3 Contribution of Deming and Juran. 1.4 Need and barriers of TQM
February	Bcom III	16	16	Unit- 2 Quality Standards: 2.1 Benchmarking: 2.1.1 Concept 2.1.2 Types of Benchmarking 2.1.3 Advantages and limitations. 2.2 Six Sigma: 2.2.1 Meaning 2.2.2 characteristics 2.2.3 Importance of Six Sigma, 2.2.4 Steps in implementing Six Sigma. 2.3 ISO-9000: 2.3.1 Meaning 2.3.2 Importance of ISO quality standards 20 Elements of ISO9000.
March	Bcom III	16	16	Unit-3 Time, Event and Stress Management: 3.1 Time Management: 3.1.1 Meaning 3.1.2 Importance 3.1.3 Techniques of Time Management. 3.2 Event Management: 3.2.1 Concept and importance 3.2.2 Procedure of Event Management



				3.2.3 Types of Events. 3.3 Stress Management: 3.3.1 Meaning of stress 3.3.2 Causes of stress 3.3.3 Effects of stress 3.3.4 Coping strategies for stress.
April	Bcom III	16	16	Unit- 4- International Management: 4.1 International Management and Multinational Corporations- Nature and purpose of International Business 4.2 Multinational Corporations (MNCs)- Advantages and challenges 4.3 Role of Global Managers Global Company, Transnational Corporation, Export and Import Process.

  
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## Annual Teaching plan for Academic Year 2022-2023

Name of teacher - Pradnya Sharad Lad.

Department of Commerce

Subject – Advanced Accountancy II (Auditing)

Bcom III

Month	Class	Period Alloted	Period Taken	Topic/ Unit
August	Bcom III	16	16	Unit 1: Introduction to Auditing: 1.1 Origin, meaning & definitions, 1.2 objectives, 1.3 scope, 1.4 features and 1.5 basic principles of auditing 1.6 Advantages, limitations of auditing, difference between accountancy and auditing 1.7 Types of audit- external and internal, qualities of an auditor, and introduction to auditing standards 1.8 Concept and scope of internal control, internal check and its significance
September	Bcom III	16	16	Unit 2: Vouching, Verification, Valuation and Investigation: 2.1 Vouching - meaning, objects and importance, vouching of cash transactions, credit purchase and credit sales 2.2 Verification - meaning, objectives and significance, verification of common assets and liabilities 2.3 Valuation - meaning and basis, valuation of fixed assets, valuation of current assets, difference between verification and valuation 2.4 Investigation - meaning and reasons of carrying out investigation, difference between audit and investigation
October	Bcom III	16	16	Unit 3: Audit of Various Organizations: 3.1 Audit of Banks: introduction, internal control system of banks and special points in audit of banks 3.2 Audit of Co-operative Societies: introduction, appointment of auditor and special points in audit of cooperative societies 3.3 Audit of Charitable Societies: introduction, need and special points in audit of charitable societies 3.4 Audit of Nursing Homes: introduction, nature and special points in audit of nursing homes
November	Bcom III	16	16	Unit. 4: Company Audit ( Applicable Provisions of Companies Act, 2013): 4.1 Appointment, qualification, and disqualification of an auditor



				4.2 Removal, remuneration and rights of an auditor 4.3 Audit report: meaning, importance, elements, and qualities of a good audit report 4.4 Types of audit report: clean & qualified
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## Subject – Advanced Accountancy IV (Taxation)

### Bcom III

### Semester VI

Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Bcom III	16	16	Unit 1: Introduction to Income Tax Act 1.1 Important Definitions- Income Tax, Assessee, Person, Assessment, Assessment Year, Previous Year, Income, Agricultural Income, Casual Income, Capital Assets, Dividend, Company, Indian Company, Gross Total Income, Total Income 1.2 Residential Practical Work 1.3 Tax Liability 1.4 Practical Problems on determination of Tax Liability
February	Bcom III	16	16	Unit 2 : Exemptions and Deductions Under Income Tax Act 2.1 Introduction of Exemption 2.2 Exempted Incomes under Section 10 2.3 Introduction of Deductions 2.4 Deductions of Chapter VI- A as applicable to an individual
March	Bcom III	16	16	Unit 3 : Heads of Income 3.1 Introduction of Income Heads 3.2 Practical Problems on Income from Salaries and Income from House Property as applicable to an individual 3.3 Practical Problems on Profits and Gains of Business or Profession as applicable to an individual. 3.4 Capital Gains- Short term capital gains and Long term capital gains Income from Other Sources- incomes taxable and deductions available under the head income from other sources (Theoretical Aspects)
April	Bcom III	16	16	Unit 4: Introduction to Goods and Services Tax (GST) Act: 4.1 Definition of Goods and Services Tax, Conceptual framework of GST 4.2 Registration Process under GST Act, Supply of Goods and Services and implementation of invoices. 4.3. Input Tax Credit (ITC), Reverse Charge Mechanism (RCM) 4.4 Exempted Services, Rates, Returns and Payments

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## Annual Teaching plan for Academic Year 2022-2023

Name of teacher - Pradnya Sharad Lad.

Department of Commerce

Subject – Insurance

Bcom I

Month	Class	Period Alloted	Period Taken	Topic/ Unit
August	Bcom I	16	16	Unit I: Topic- An Introduction to Insurance: 1.1. Meaning & Concept 1.2. Need of Insurance 1.3. Physical and Human Asset 1.4. Insurance as a social security tool 1.5. Economic and commercial Significance of insurance.
September	Bcom I	16	16	Unit II: Topic- Insurance contract and Principles: 2.1. Insurance Contract: 2.1. Nature of Insurance contract 2.2. Difference between Insurance contract and wagering contract 2.3. Types of Insurance contract (Personal Insurance, Property Insurance, Guarantee Insurance) 2.4. Fundamental principles of Insurance-(Primary and secondary)
October	Bcom I	16	16	Unit III: Life Insurance: 3.1.1. Meaning and Significance 3.1.2. Procedure of taking Life Insurance Policy 3.1.3. Policy conditions 3.1.4. Types of Policy (Whole Life Policy, Endowment Group and Unit Linked insurance Policy (Only-meaning, merits and demerits) 3.1.5. Settlement of claims 3.2. Life Insurance Corporation of India 3.2.1. Role of LIC 3.2.2. Marketing and promotion strategy of Insurance services. 3.3 Life Insurance for the under privileged (Maharashtra) 3.3.1 Industrial Life Insurance schemes 3.3.2 Social Security schemes and Pensions Plans 3.3.3 Micro Life Insurance
November	Bcom I	16	16	Unit IV: Topic - Public & Private sector companies in India 4.1 An overview (minimum 5 leading companies) 4.2. Career in Insurance: 4.2.1. Institutes for Insurance education and Training 4.2.2. Procedure for becoming an insurance Advisor-their commission and Rebating 4.2.3. Code of conduct 4.2.4. Functions of insurance advisor 4.3 Reinsurance: Meaning ,Definition and functions



Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Bcom I	16	16	Unit I: Topic- Fire Insurance: 1.1 Meaning & Definition 1.2 Procedure of taking fire Insurance policy 1.3 policy conditions 1.4 Kinds of policy 1.5 Cancellation and renewal of policy 1.6 Settlement of claims 1.7Progress of fire insurance
February	Bcom I	16	16	Unit II: Topic-Marine Insurance: 2.1. Meaning & Definition 2.2. Procedure of taking marine insurance policy 2.3. Difference between fire and marine Insurance 2.4. Clauses of marine insurance policy 2.5. Marine Losses and perils 2.6. Types of policy 2.7 Progress of marine insurance
March	Bcom I	16	16	Unit III: Topic- General Insurance: (only nature & cover) 3.1. Motor Insurance 3.2. Personal Accidental and Sickness Insurance 3.3. Health Insurance 3.4. Rashtriya Swasthya Bima Yojana 3.5 Pradhan Mantri Suraksha Bima Yojana 3.6 Pradhan Mantri Jan-Dhan Yojana 3.7 Bancassurance: Meaning, Definition and Advantages
April	Bcom I	16	16	Unit IV: Topic-IRDA Act -1999 &Privatization of Insurance Sector: 4.1. IRDA Act -1999: 4.1.1. Nature & Objectives 4.1.2. Organizational set up 4.1.3. Functions of IRDA 4.2. Privatization of Insurance Sector:- merits & demerits 4.3. Foreign Direct Investment (FDI) in Insurance Sector:- merits and demerits

  
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**Annual Teaching plan for Academic Year 2022-2023**

Name of teacher - Dr.Yadav S.V.

Department of Commerce

Subject - Advanced Accountancy -II

**B.Com-III**

Month	Class	Period Alloted	Period Taken	Topic/units
August	B.Com-III SEM-V	16	15	<b>Unit 1: Introduction to Auditing:</b>
				1.1 Origin, meaning & definitions, objectives, scope, features and basic principles of auditing
				1.2 Advantages, limitations of auditing, difference between
				1.3. Types of audit- external and internal, qualities of an auditor, and introduction to auditing standards
				1.4 Concept and scope of internal control, internal check and its significance
September		16	16	<b>Vouching, Verification, Valuation and Investigation:</b>
				2.1 Vouching - meaning, objects and importance, vouching of cash transactions, credit purchase and credit sales
				2.2 Verification - meaning, objectives and significance, verification of common assets and liabilities
				2.3 Valuation - meaning and basis, valuation of fixed assets, valuation of current assets, difference between verification and valuation
				2.4 Investigation - meaning and reasons of carrying out investigation, difference between audit and investigation
October		16	16	<b>Unit 3: Audit of Various Organizations:</b>
				3.1 Audit of Banks: introduction, internal control system of banks and special points in audit of banks
				3.2 Audit of Co-operative Societies: introduction, appointment of auditor and special points in audit of cooperative societies
November		16	16	<b>Unit. 4: Company Audit</b>
				( Applicable Provisions of Companies Act, 2013):
				4.1 Appointment, qualification, and disqualification of an auditor
				4.2 Removal, remuneration and rights of an auditor
				4.3 Audit report: meaning, importance, elements, and qualities of a good audit report

**SEMESTER-VI**

Month	Class	Period Alloted	Period Taken	Topic/units
January		16	16	<b>Unit 1: Introduction to Income Tax Act</b>
				1.1 Important Definitions- Income Tax, Assessee, Person, Assessment, Assessment Year, Previous Year, Income, Agricultural Income, Casual Income, Capital Assets, Dividend, Company, Indian Company, Gross Total Income, Total Income.
				1.2 Residential Status
				1.3 Tax Liability
				1.4 Practical Problems on determination of Tax Liability
February		16	15	<b>Unit 2 : Exemptions and Deductions Under Income Tax Act</b>
				2.1 Introduction of Exemptions
				2.2 Exempted Incomes under Section 10
				2.3 Introduction of Deductions

	B.Com-III SEM-VI			2.4 Deductions of Chapter VI- A as applicable to an individual
March		16	15	Unit 3 : Heads of Income
				3.1 Introduction of Income Heads
				Branch Trading and Profit and Loss Account.
				3.2 Practical Problems on Income from Salaries and Income from House Property as applicable to an individual
				3.3 Practical Problems on Profits and Gains of Business or Profession as applicable to an individual.
April		16	14	Unit 4: Introduction to Goods and Services Tax (GST) Act:
				4.1 Definition of Goods and Services Tax, Conceptual framework of GST
				4.2 Registration Process under GST Act, Supply of Goods and Services and implementation of invoices.
				4.3. Input Tax Credit (ITC), Reverse Charge Mechanism (RCM)
				4.4 Exempted Services, Rates, Returns and Payments

  
**Head**  
**Dept of Commerce**  
**COM College Karar**



**Annual Teaching plan for Academic Year 2022-2023****Name of teacher - I Sharmila N. Patil****Department of Commerce****Subject - Financial Accounting****Bcom I**

Month	Class	Period Alloted	Period Taken	Topic/units
August	Bcom I Sem I	16	15	Basics of Accounting Accounting Accounting – Meaning, Definitions, Scope & Importance, Accounting Cycle, Accounting Concepts and Conventions Accounting Process, Accounting Standards -Need & Procedure
September	Bcom I Sem I	16	16	Amalgamation of partnership firm Introduction , Theory Practical Problems
October	Bcom I Sem I	16	17	Consignment Account Important Terms Accounting in the books of Consigner Accounting in the books of Consignee practical Problems
November	Bcom I Sem I	16	16	Account of Professionals Preparation of Receipt and Expenditure Account and Balance Sheet of Medical Practioners and Professional Accountants.

**Semester II**

Month	Class	Period Alloted	Period Taken	Topic/units
January	Bcom I Sem II	16	16	Single Entry System Conversion Method only Practical Problems
February	Bcom I Sem II	16	15	Conversion of Partnership Firm into Limited Company Accounting in the books of partnership firm only. practical Problems
March	Bcom I Sem II	16	15	Branch Accounts Dependent Branch-Preparation of Branch Account Branch Trading and Profit and Loss Account. practical Problems
April	Bcom I Sem II	16	16	Goods and Services Tax (GST) Concept and Applicability and Journal Entries practical Problems

  
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 SGM College Karan

**Annual Teaching plan for academic year 2022-23**

Name of Teacher: Mrs. Patil Sharmila Nanasaheb

Department: Commerce

Subject: Advanced Accountancy I and III

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	BcomIII (semV)	16	15	Unit 1: Bank Final Accounts:1.1Meaning, definitions, and principles of the banking business 15 - Lecture - PPT - Videos - Practical work 1.2 Functions and restrictions on the banking business 1.3Preparation of Profit and Loss Account in vertical format only 1.4Preparation of Balance Sheet in vertical format only
September	BcomIII(sem V)	16	15	Unit 2: Accounting of Service Industry (Hotel Industry) 2.1 Introduction, and Significance of hotel accounting 15 - Lecture - PPT - Videos - Practical work 2.2 Visitors Ledger Book 2.3 Computation of fixation of room rate 2.4 Preparation of final accounts of hotel business
October	BcomIII	16	15	Unit 3: Insurance Claim: 3.1

	(semV)			Introduction and importance of fire insurance 3.2 Types of losses under fire insurance 3.3 Computation loss of stock and amount of claim 3.4 Computation of loss of profits (Consequential loss) and amount of claim
November	BcomIII (semV)	16	15	Unit. 4: Farm Accounting and Introduction to Enterprise Resource Planning (ERP): 4.1 Objectives and characteristics of farm accounting 4.2 Preparation of accounts as related to farm business 4.3 Introduction, advantages, and disadvantages of ERP 4.4 Types of ERP reports, analysis of selected(Profit and Loss Account, Balance Sheet, and Cash Flow) reports
January	BcomIII (sem VI)	16	15	Unit 1: Cash Flow Statement (Accounting Standard - 3): 1.1 Meaning and importance of cash flow statement1.2 Accounting standard – 3 1.3 Inflow and



				outflow of cash 1.4 Preparation of cash flow statement as per AS - 3
February	BcomIII (semVI)	16	15	Unit 2 : Working Capital: 2.1 Meaning and significance of working capital 2.2 Concepts of working capital – gross and net 2.3 Factors influencing for determination of working capital 2.4 Computation of working capital
March	BcomIII (sem VI)	16	15	Unit 3 :Ratio Analysis: 3.1 Meaning and Components of Financial Statements 4.Practical Work 3.2 Tools and Techniques of Financial Statements Analysis (Theory Only) 3.3 Meaning of ratio, ratio analysis and its importance 3.4 Classification of ratios – liquidity, activity, profitability, and solvency
April	BcomIII (sem VI)	16	15	Unit 4: Budgetary Control System: 4.1 Meaning of budget and budgetary control system 4.Practical Work 4.2 Objectives

				<p>and advantages of budgetary control system</p> <p>4.3 Limitations of budgetary control system</p> <p>4.4 Types of budget- production, sales, cash, flexible and master budget(problems on cash budget and flexible budget)</p>
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 Dept of Commerce  
 J.G.M. College Karag

# Annual Teaching plan for Academic Year 2022-2023

Name of teacher Patil Sharmila Nanasaheb

Department of Commerce

Subject – Management Accountancy

Mcom II

Month	Class	Period Alloted	Period Taken	Topic/ Unit
August	Mcom II	16	16	Introduction to Management Accounting 1.1 Meaning and Nature of Management Accounting 1.2 Role of Management accounting in decision making 1.3 Management Accounting Vs Financial Accounting 1.4 Tools and techniques of Management Accounting
September	Mcom II	16	16	Inflation Accounting (Price Accounting ) 2.1 Limitations of historical Accounting 2.2 Methods of Accounting for charging prices 2.3 Current purchasing power method 2.4 Determination of Profit 2.5 Current cost accounting method 2.6 Features of CCA system 2.7 Current cost operating profit 2.8 Depreciation Adjustment 2.9 Cost of sales adjustment 2.10 Monetary working Adjustment 2.11 Gearing Adjustment 2.12 Merits & Demerits of inflation accounts
October	Mcom II	16	16	Mergers and Acquisitions 3.1 Meaning and Definitions of Mergers and Acquisitions 3.2 Types of Mergers 3.3 Accounting Procedure and Interpretations
November	Mcom II	16	16	Funds flow Statement & Cash flow Statement 4.1 Meaning of Funds and Funds Flow Statement 4.2 Identifying of flow of funds 4.3 Preparation of Funds Flow Statement 4.4 Meaning of Cash Flow Statement 4.5 Cash and cash equivalents 4.6 Cash flow from operating, investing and financing activities 4.7 Preparation of Cash Flow Statement (AS-3) 4.8 Difference between Funds Flow Statement and Cash Flow Statement

Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Mcom II	16	16	Management Control System 1.1 Meaning and Importance of Management Control System 1.2 Management Control Process 1.3 Management Information System (MIS) - Meaning and Characteristics 1.4 Responsibility Accounting -Meaning and Objectives 1.5 Types of Responsibility Centre
February	Mcom II	16	16	Marginal Costing 2.1 Meaning and application of Marginal Costing 2.2 Difference between Absorption Costing and Marginal Costing 2.3 Break Even Analysis 2.4 Cost Volume - Profit Analysis 2.5 Decision making by using marginal costing - Make or buy decisions, Shut down or continue decisions, Alternativecourse of action etc.
March	Mcom II	16	16	Budgetary Control 3.1 Meaning of Budget & Budgetary Control 3.2 Objectives 3.3 Advantages & limitations 3.4 Types of Budgets (Theory



				only) 3.5 Practical problems on cash, flexible and capital budget only
April	Mcom II	16	16	Standard Costing and Variance Analysis 4.1 Meaning of Standard Cost and Standard Costing 4.2 Advantages and Limitations 4.3 Variance Analysis - Material, Labour and Overheads variances

  
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 J.C.C. College Karan

## **Annual Teaching plan for Academic Year 2022-2023**

**Name of teacher Patil Sharmila Nanasaheb**

**Department of Commerce**

**Subject – Advanced Accountancy VI**

**Mcom II**

Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Mcom II	16	16	A) Introduction to Financial Management: 1.1 Meaning and Scope of Financial Management 1.2 Finance Functions 1.3 Financial Goals 1.4 Profit Maximization Vs Wealth Maximization 1.5 Role of Finance Manager B) Financial Management in Sick Units: 1.6 Definition of sickness 1.7 Causes and symptoms of sickness 1.8 Prediction of sickness 1.9 Revival of sick unit 1.10 Debt Restructuring
February	Mcom II	16	16	Capital Structure Decisions 2.1 Capital Structure Theories - Net Income Approach, Net Operating Income Approach, Traditional Approach, Modigilani – Miller Approach 2.2 Leverages - Financial, Operating and Combined 2.3 EBIT-EPS Analysis
March	Mcom II	16	16	Cost of Capital 3.1 Meaning and Definitions of Cost of Capital 3.2 Importance of Cost of Capital 3.3 Types of Cost 3.4 Measurement of Cost of Capital - Cost of Debt, Cost of Preference Shares , Cost of Equity, Cost of Retained Earnings, Weighted Average
April	Mcom II	16	16	Capital Budgeting 4.1 Meaning of Capital Budgeting 4.2 Techniques of Capital budgeting - Payback period, Accounting Rate of Return, Net Present Value, Internal Rate of Return

**Annual Teaching plan for Academic Year 2022-2023****Name of teacher-Patil Sharmila Nanasaheb****Department of Commerce****Subject- Principle and Application of Management****B Com I**

Month	Class	Period Allotted	Period Taken	Topic/ Unit
August	B Com I	16	16	Unit 1: Business and Management 1.1 Business1.1.1 Meaning, Definition 1.1.2 Scope of Business 1.2 Management1.2.1 Meaning, Definition, Characteristics 1.2.2 Functions 1.2.3 Functional Areas. 1.2.4 Importance Management 1.3 Traditional Management and Professional Management 1.3.1 Meaning, Definition, Characteristics 1.3.2 Need of Professional Management
September	BCom I	16	16	Unit 2 : Contribution Towards Development of Management Theory 2.1 F. W. Taylor-Taylor's Scientific Management (Principles and Techniques). 2.2 Henry Fayol- Fayol's 14 Principles of Management. 2.3 George Elton Mayo- Mayo's Hawthorn Experiment and its findings
October	B Com I	16	16	Unit 3 : Planning and Decision Making 3.1 Planning3.1.1. Definition and features 3.1.2. Importance 3.1.3. Types of Planning 3.1.4 Steps in planning process 3.1.5 Limitations of planning 3.2 Decision Making3.2.1. Meaning and Definition 3.2.2. Importance Decision making 3.2.3. Techniques of decision making (Qualitative and Quantitative)
November	B Com I	16	16	Unit 4: Organization 4.1 Organization - 4.1.1 Meaning and Definition 4.1.2. Importance of Organization 4.1.3 Process of Organization 4.1.4 Types of Organization:- (Line, Line and Staff, Functional and Committee) 4.1.5 Levels of Management and their Functions. (Top, Middle and Lower)

Month	Class	Period Alloted	Period Taken	Topic/ Unit
January	Bcom I	16	16	Unit 1: Motivation - 1.1 Motivation: Concept and Importance of motivation. 1.2 Financial and Non-Financial Incentives, 1.3 Theories of Motivation - Maslow's Need-Hierarchy Theory; Hertzberg's Two factor theory, Douglas McGregor's Theory X and Theory Y.
February	Bcom I	16	16	Unit 2: Staffing, Leadership and Direction 2.1 Staffing: 2.1.1 Concept & definition 2.1.2 Sources and Scientific Selection Procedure 2.2 Leadership – 2.2.1 Concept of Leadership,



				2.2.2 Functions of a leader 2.2.3 Traits in Leadership 2.2.4 Leadership styles 2.3 Directing 2.3.1 Concept and Importance of Directing 2.3.2 Techniques of Directing.
March	Bcom I	16	16	Unit 3 : Communication and Controlling: 15 Lecture 3.1 Communication – 3.1.1 Concept, Process and Types of Communication 3.1.2 Barriers in Communication and overcoming barriers in communication. 3.2 Controlling 3.2.1 Concept and Process of Controlling. 3.2.2 Techniques of Controlling –Traditional and Modern 3.2.3 Requirement of effective controlling.
April	Bcom I	16	16	Unit 4 Management of Change: 4.1 Management Change 4.1.1 Concept of Need for change, 4.1.2 Process of Planned Change 4.1.3 Resistance to change 4.1.4 Emerging Horizons of Management in Changing Environment. 4.2 Role and Qualities of Successful Manager.

Head  
Dept of Commerce  
S.G.M. College Kāran

Rayat Shikshan Sanstha's,  
**SADGURU GADAGE MAHARAJ COLLEGE, KARAD.**  
**Department of Biotechnology**  
 Annual teaching plan 2022-23

Name of Teacher: Mr. S. D. Vibhute

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc.I	10	11	<b>Electrochemistry:</b> Conductance, Kohlrausch law, Galvanic cells, half-cell potentials, emf, Type of electrodes, Construction and working of Calomel and Glass electrode. Numerical problems. <b>Reaction Kinetics:</b> Reaction rate constant, Order and Molecularity of reaction, Activation energy. Integrated rate expressions for zero, 1 <sup>st</sup> and 2 <sup>nd</sup> order reactions, Characteristics of 1st order reactions.
		03P	03P	1. Determination of dissociation constant of a weak acid and study of effect of substituent on dissociation constant of weak acid. 2. Conductometric titration- Strong acid, strong base. 3. Determination of Ibuprofen Content in given pharmaceutical tablet.
	B.Sc.II	11	11	<b>Metabolism:</b> Anabolism & Catabolism, Three stages in catabolism, types of metabolic reactions, Methods employed to study metabolism, High energy compounds.
		04P	04P	1. Isolation of DNA from - Plant Material/ Animal Material 2. Quantification of Genetic material
	B.Sc.III	06	07	<b>Nucleic Acid Hybridization:</b> Nucleic Acid and plasmid purification, Probe Preparation, Methods of labeling probes: Radio labeling – Nick translation, End labeling, Primer extension
		02P	02P	1. Calculation of molecular size of digested DNA 2. Purification of DNA fragment from agarose gel
September	B.Sc.I	10	10	<b>Catalysis:</b> Types of catalysis with example, characteristics of catalysis, Elementary enzyme catalyzed reaction, Numerical problems. <b>Thermodynamics:</b> Reversible and irreversible processes, -Internal energy, Enthalpy, Heat of reaction and its types, First Law of thermodynamics, Hess law. Measurement of $\Delta H$ . Trouton's rule, Kirchoff's equation. Second law, Entropy Third law-Absolute entropies and their uses, Gibbs and Helmholtz free energy function, $\Delta G$ and $K$ , $\Delta G$ and workfunction. Relation between $\Delta H$ and $\Delta G$ , Phase equilibria- Clapeyron and Clausius equation and its application. Numerical problem.
		02P	02P	1. Activation energy for an acid catalyzed hydrolysis of methyl acetate. 2. Determination of Viscosity of Given Liquids.
	B.Sc.II	09	08	<b>Carbohydrates Metabolism:</b> Reactions and energetics of Glycolysis, TCA cycle Glyoxylate cycle, Gluconeogenesis.
		04P	04P	1. Isolation of Genomic DNA from bacteria. 2. Purification of DNA by silica membrane.
	B.Sc.III	05	05	Non Radiolabelling – Biotin, dioxigenin ,fluorescent dyes, FISH, Applications of probes.
		01P	01P	Transformation of <i>E. Coli</i> and Selection of recombinants
October	B.Sc.I	04	05	<b>Structure and Bonding:</b> Types of bonds. Ionic bond, covalent bond, Co-ordinate bond, Metallic bond, Hydrogen bond, Vanderwaal's forces. Formation of ionic and covalent bond with examples, e.g. NaCl, KCl, HCl, CH <sub>4</sub> , Cl <sub>2</sub> , H <sub>2</sub> . VBT- Postulates.
		01P	01P	1. Organic Preparations a. Phthalimide
	B.Sc.II	05	05	Glycogenesis and Glycogenolysis, HMP and its significance.
		02P	02P	1. Isolation of Plasmid from <i>E.coli</i> .
	B.Sc.III	03	03	DNA Sequencing: Maxam Gilbert method
		01P	01P	<i>Agrobacterium</i> transformation in plants

November	B.Sc.I	12	12	<b>Hybridization:</b> sp, sp <sup>2</sup> , sp <sup>3</sup> hybridization with respect to BeCl <sub>2</sub> , BF <sub>3</sub> , SiCl <sub>4</sub> . Dipole moment, Hydrogen bonding in biomolecules, Ionic solids, comparison between ionic and covalent compounds. <b>Coordination Complexes:</b> Formation of Co-ordinate bond in BF <sub>3</sub> ← NH <sub>3</sub> & NH <sub>4</sub> <sup>+</sup> . Distinction between double salt and complex salt, Ligand, Co-ordination number (CN), Coordination sphere. Essential and trace elements in biological process, Metallo porphyrins w. r. t. Hemoglobin and Myoglobin.
		02P	02P	1. Organic preparation: b. Methyl salicylate 2. Estimation of Vit. C
	B.Sc.II	11	11	<b>Lipid Metabolism:-</b> Biosynthesis of fatty acid with respect to Palmitic acid & degradation of fatty acid (β-oxidation) with respect to Palmitic acid. <b>Hormones-</b> Types as Steroid, Peptide, Amino acid
		04P	04P	1. Separation of DNA by using Agarose gel electrophoresis . 2. Revision
	B.Sc.III	06	06	Sanger Coulson method and Automated DNA sequencing Blotting technique: Southern Blotting, Northern Blotting
		01P	01P	Revision
December	B.Sc.I	03	03	Syllabus revision
	B.Sc.II	04	04	Metabolism of amino acids- Transamination reactions, Deamination, Urea cycle
	B.Sc.III	03	03	Western blotting, DotBlot Technique.
January	B.Sc.I	07	08	<b>Reaction mechanism:</b> Curved arrow notation, Substrate, Reagents, Types of reagent, Types of reactions, Reactive intermediate Carbocation, Carbanion, Carbon Free radicals. SN <sub>1</sub> and SN <sub>2</sub> mechanisms with energy profile diagram. Elimination reactions- E <sub>1</sub> and E <sub>2</sub> mechanisms, Hoffman's and Saytzeff's rule. Addition reactions- Electrophilic addition reactions in alkenes, Nucleophilic addition reactions of carbonyl compounds.
		01P	01P	Estimation of sap value of given oil sample.
	B.Sc.II	06	06	<b>Animal embryology:</b> Gametogenesis, gametes and fertilization in Animals, Gametogenesis in animals, Types of eggs and sperms in animals, Fertilization in animals.
		02	02	Determination of T <sub>m</sub> of DNA.
	B.Sc.III	07	08	<b>Introduction to Bioinformatics:-</b> History, Computers in Biology and Medicines, Internet, and related programs; Networking HTTP, HTML, WAN, LAN, MAN, applications in communication. Information Resources:- Introduction, aim and objectives,
		02P	02P	1. Introduction to PUBMED Central database 2. Getting the amino acid sequences by exploring and querying the protein Sequence database.
February	B.Sc.I	06	06	Concept of an Aromaticity. Mechanism of SE reactions in benzene- Nitration, sulphonation, halogenation, diazotization, Friedel-Craft's alkylation and acylation reactions – Orientation effects as exemplified by – NO <sub>2</sub> , OH functional group.
		01P	01P	Preparation of standard potassium dichromate solution and determination of strength of ferrous ammonium sulphate solution
	B.Sc.II	07	07	<b>Early development in animals:</b> Types and patterns of cleavages in animals, Blastulation, gastrulation in chick up-to the Formation of three germ layers, embryonic induction, Foetal membranes, Types and significance of placenta.
		04P	04P	1. Restriction digestion of lambda DNA. 2. Isolation of RNA from animal tissue.
	B.Sc.III	11	12	<b>INSDC:</b> International Nucleotide Sequence Database Collection (NCBI, DDBJ, EMBL), Sequence retrieval system (SRS): (Entrez, DBGet) <b>Genomics:-</b> Human Genome Project- Goal and applications, final draft of HGP. <b>Proteomics:-</b> Introduction to amino acids and protein, Proteome, Protein structure, Primary protein sequence databases- SWISS-PROT, PIR, MIPS, NRL-3D, TrEMBL, Annotation and applications
		03P	03P	1. Getting the gene sequences by exploring and querying the nucleic acid Databases. 2. Construction of Phylogenetic Tree 3. Similarity search for nucleotide using the BLASTn
March	B.Sc.I	05	05	<b>Stereochemistry:</b> Geometrical isomerism in alkanes. Types of stereoisomerism , Elements of symmetry optical activity- Plane polarized light (PPL), Polarimeter,



		02P	02P	Specific rotation, Chirality- Chiral molecules, Symmetry element, Asymmetric carbon, 1. Preparation of dilute solution from given stock solution. 2. Inorganic preparations a. Ferrous ammonium sulphate
	B.Sc.II	06	06	<b>Differentiation and Regeneration:</b> Differentiation, Dedifferentiation, Redifferentiation, Commitment, Transdifferentiation, 1. Agarose gel electrophoresis to separate RNA. 2. SDS-PAGE for separation of protein CBB staining.
		04P	04P	
	B.Sc.III	12	12	<b>Secondary protein sequence databases:</b> PROSITE, PROFILE, PRINT, pfam, BLOCK, IDENTIFY; applications. Other databases: Literature database, PubMed, PubMed central Structural databases: Introduction, Difference between Primary structure and 3Dstructure, Protein databank (PDB), Molecular modelling databank (MMDB). CATH, SCOP, PdbSum. <b>Sequence Alignment:</b> Introduction, Protein sequence, Nucleic acid sequence, Pair wise sequence alignment, Multiple sequence alignment, Local and Global sequence alignment, Algorithm used in sequence alignment, Matrices- Dot matrix, PAM, BLOSSOM. <b>Phylogenetic analysis:</b> Introduction: Evolution, definition of phylogenetic tree, nodes, internodes, root, tree, styles; cladogram, phenogram, curvogram, Steps involved in construction of phylogenetic tree Methods of phylogenetic analysis:- Distance method, Character based Method Phylogenetic analysis tool (Phylip, MEGA).
		04P	04P	1. Smilarity search for protein using the BLASTp 2. Analysis of Secondary and tertiary structure of protein using visualizing software Rasmol. 3. Prediction of the secondary structure of protein using ExPasy web tool (GOR method). 4. Calculate PI/MW of protein using ExPasy web tool.
April	B.Sc.I	06	07	Compounds one and two Chiral centres, diastereomers, enantiomers, tartaric acid E-Z and R- S nomenclatures. Numerical problems.
		02P	02P	1. Inorganic preparation: b. Hexammine Nickel (II) Chloride 2. Inorganic estimation of amount of magnesium from talcum powder by complexometric titration. 3. Verification of Beers Lamberts Law using Cupper Ammonium Complex.
	B.Sc.II	05	05	Developmental Plasticity, Regeneration: Definition, mechanism, factors affecting regeneration.
	B.Sc.III	11	12	<b>Application software:</b> <b>MSEXCEL:</b> Use of worksheet to enter data, edit data, copy data, move data. Use of in-built statistical functions for computations of Mean, S.D., Correlation, regression coefficients, PCA etc. Use of bar diagram, histogram, scatter plots, etc. graphical tools in EXCEL for presentation of data. <b>MSWORD:</b> word processor editing, copying, moving, formatting, Table insertion, drawing flow charts etc.
		02P	02P	1. Introduction to Microsoft Excel (Draw Graphs, Uses of formula) 2. Revision

  
 Co-ordinator  
 Dept. of Biotechnology  
 B. Sc. Entire Course  
 S G.M. College, Karad

Rayat Shikshan Sanstha's  
**SADGURU GADAGE MAHARAJ COLLEGE, KARAD.**  
**Department of Biotechnology (Entire)**  
 Annual teaching plan 2022-2023

Name of Teacher: Mr. A. A. Gangawane

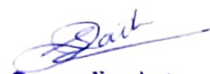
Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc. I	12	13	<b>Plant Diversity</b> <b>Outline of General Classification of Plant Kingdom.</b> Algae – General characters and economic importance Fungi – General characters and economic importance Lichens -General account and economic importance Bryophytes – General characters and economic importance <b>Practical's:</b> 1. Study of algae ( <i>Nostoc / Sargassum</i> ) 2. Study of bryophyte ( <i>Riccia / Anthoceros</i> ) 3. Study of Pteridophyte ( <i>Selaginella</i> ) 4. Study of gymnosperms ( <i>Pinus</i> )
	B.Sc. II	12	14	<b>Introduction to plant tissue culture-</b> Definition, History ,Cellular totipotency, techniques in plant tissue culture. <b>Infrastructure &amp; Organization of Plant Tissue Culture</b> Laboratory- General and aseptic laboratory- different work areas, equipment's and instruments required, other requirements. <b>Aseptic Techniques-</b> Washing and preparation of glassware's, packing and sterilization, media sterilization, surface sterilization, aseptic workstation, precautions to maintain aseptic conditions. <b>Culture Medium-</b> Nutritional requirements of explants, Plant Growth Regulator and their invitro roles, composition of basal Murashige and Skoog medium and media preparation. <b>Practicals:</b> 1. Preparation of M.S. stock solutions & medium 2. Aseptic seed germination
	B.Sc. III	11	12	<b>Methods for crop Improvement:</b> Introduction , Acclimatization , Breeding for self and cross pollinated plants and vegetatively reproducing plants, selection (pure line and mass) hybridization and mutation, Somaclonal variations Haploids , Somatic embryogenesis. <b>Practical's:</b> 1. Isolation of Azotobacter 2. Isolation of Rhizobium from root nodules
September	B.Sc. I	12	13	Pteridophytes – General characters and economic importance Gymnosperms – General characters and economic importance Angiosperms – General characters and economic importance <b>Practical's:</b> 5. Study of Angiosperms ( <i>Sunflower, Maize</i> ) 6. Plant anatomy – Dicot and monocot root, stem, leaf 7. Study of apical meristem ( <i>Stem and root</i> )
	B.Sc. II	12	14	<b>Callus Culture Techniques-</b> Introduction, principle, protocol, morphology and internal structure, genetic variations, applications. <b>Anther &amp; Pollen Culture Technique-</b> Introduction, principle, protocol, factors affecting, applications. <b>Organ Culture Technique-</b> Introduction, principle, protocol, applications, with respect to root tip culture, leaf culture, ovary and ovule culture. <b>Practical's:</b> 3. Embryo culture technique. 4. Micropropagation stage I-Initiation of micropropagation–Shoot tip or axillary bud culture technique 5. Micropropagation stage II-Subculture & multiplication of culture.
	B.Sc. III	12	13	<b>Somatic hybridization-</b> Definition, protoplast fusion technique, selection of hybrids, symmetric and asymmetric hybrids, cybrid



				production, <b>Artificial Seed</b> – Definition, Techniques, factors affecting, applications limitations. <b>Germplasm preservation</b> - Introduction, principle, Long term storage, short, medium storage techniques, factors affecting, cryopreservation, applications, limitations. <b>Practical's:</b> 3. Isolation of PSB from soil. 4. Production of Biofertilizer- <i>Azotobacter</i> , PSB
October	B.Sc. I	12	13	<b>Taxonomy of Angiosperms</b> <b>Taxonomy :-</b> Definition, Aims, objectives and functions Binomial nomenclature and its significance <b>Practical's:</b> 8. Study of typical flower 9. Study of types of inflorescence 10. Study of Fruit types as per theory 11. Study of plant cloning methods
	B.Sc. II	12	14	<b>Micropropagation</b> - Introduction, stages of Micropropagation, factors affecting, advantages and applications (with suitable examples) <b>Different Pathways of Micropropagation</b> - Axillary bud proliferation, somatic embryogenesis, organogenesis, meristem culture (Introduction, principle, protocol, factors affecting, applications, limitations). <b>Somaclonal Variation</b> - Introduction, terminology, origin, selection at plant level, selection at cell level, mechanism, assessment, applications and limitations. <b>Practical's:</b> 6. Micropropagation stage III-Rooting- in vitro & ex vitro 7. Micropropagation stage IV-Acclimatization & hardening
	B.Sc. III	12	11	Definition, Principle (Biological nitrogen fixation), Mass production and field application – Rhizobium, Azotobacter, Azospirillum, Acetobacter, Azolla, Cyanobacteria, PSB, VAM <b>Practical's:</b> 5. Isolation of <i>Trichoderma</i> / <i>Bacillus thuringensis</i> 6. Production of Biopesticide – <i>Trichoderma</i> / <i>Bacillus thuringensis</i>
November	B.Sc. I	10	12	Principles of ICBN Study of outline of Bentham and Hooker's system of Classification of plants. 12. Study of morphology and anatomy of seed (Monocot & dicot) 13. Breaking of seed dormancy 14. Detection of seed viability
	B.Sc. II	11	12	<b>Suspension Culture Technique</b> - Introduction, principle, protocol, types, growth measurement, viability test, synchronization, applications. <b>Production of Secondary Metabolites</b> - Introduction, types of secondary metabolites, principle, systems of culture, optimization of yield, commercial aspects, applications, limitations. <b>Practical's:</b> 8. Callus culture technique- Initiation of culture, callus morphology 9. Isolation of Protoplast
	B.Sc. III	10	09	Biopesticide: Definition , production and applications of Bacterial , fungal, viral <b>Practical's:</b> 7. Production of Artificial seed
December	B.Sc. I	04	03	Syllabus revision
	B.Sc. II	05	06	<b>Plant Protoplast Culture</b> :-History, Principle, protocol for isolation-Mechanical and Enzymatic, protoplast culture methods, viability test and applications.
	B.Sc. III	04	06	Definition, production and applications of Plant origin biopesticides.
January	B.Sc. I	05	07	<b>Enzymes:</b> Introduction, IUB classification, active site, energy of activation, transition state hypothesis



	B.Sc. II	11	13	<b>Plant Water Relation:-</b> Introduction, Absorption of water-Mechanism, Theories (Active and Passive), Translocation of water-Mechanism, Ascent of Sap, Root pressure theory, Transpiration-Types, Mechanism of Transpiration and factors affecting transpiration.
<b>February</b>	B.Sc. I	06	05	Lock and key hypothesis, Induced fit hypothesis, enzyme inhibition types -competitive, non-competitive, un-competitive.
	B.Sc. II	12	14	<b>Photosynthesis:-</b> Ultra structure of chloroplast, Photosynthetic pigments, red drop and Emerson's enhancement effect, mechanism of photosynthesis- Cyclic and non-cyclic flow of electron transfer, light reaction, dark reaction, C-3 pathway, C-4 pathway, CAM, photorespiration
<b>March</b>	B.Sc. I	05	07	M-M equation, Line weaver-Burk plot, Eadie - Hofstee plot. Factor Affecting Enzyme Activity <b>Co-enzymes &amp; Vitamins:</b> Thiamine, riboflavin, niacin, pyridoxol phosphate, (Introduction, structure, sources, daily requirement, biological functions, deficiency)
	B.Sc. II	12	13	<b>Respiration:-</b> a) Aerobic-Flow of electrons through reducing power in ETC, Complexes of electron transport, Redox potential components of ETC, Mechanism of ATP generation- Chemiosmotic hypothesis ATP synthase complex. b) Anaerobic Respiration: - Alcoholic and Lactic acid fermentation.
<b>April</b>	B.Sc. I	06	07	Introduction of Vitamins – A, D, E, K & C. Classification & Deficiency Diseases of Vitamins RDA, Sources.
	B.Sc. II	12	14	<b>Introduction to Plant Hormones</b> Chemistry, Biosynthesis, Distribution, mode of action and physiological effects of - Auxin, Cytokinin, Gibberellins, Absisic acid, Ethylene Secondary Metabolites: Biosynthesis of plant secondary metabolites (Shikimate pathway, Mevalonate pathway, MEP pathway)

  
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**Department of Biotechnology**

Annual teaching plan 2022-23

**Name of Teacher: Miss. Shrishti J. Jadhav**

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc.I	12+2 P	10+2P	<b>Basic Laboratory Instruments:</b> Principle, working and application of pH meter, Conductometer, Incubator Refractometer, Autoclave, Laminar Air Flow. Structure of Typical Flower – Floral whorls and functions:- Calyx, Corolla, Androecium, Gynoecium.
	B.Sc.II	12+4 P	11+4P	Discovery of Cell, Cell theories. Organization of prokaryotic cells. Organization of eukaryotic cells. (Difference between plant and animal cell.)
	B.Sc.III	08+2 P	07+2P	<b>Fermentation Media and sterilization:</b> Composition of typical fermentation media. Criteria for typical fermentation medium Types of fermentation media. <b>Transgenic Plants: Herbicide resistant:</b> Glyphosate resistance, Phosphinothricin resistance <b>Fungal and Bacterial disease resistance approaches:</b> PR proteins, Chitinase, Glucanase, RIPs proteins,
September	B.Sc.I	12+2 P	12+2P	Development of male and female gametophyte Fertilization:- Definition, Double fertilization and its significance Fruit- Definition, formation, Types:- a) Simple- i) Dry- Dehiscent Legume-Pea. <b>Centrifugation-</b> Basic principles, RCF, Sedimentation coefficient, Svedberg's constant. 1 PRACTICAL: 1. Use, study and care of compound microscope.
	B.Sc.II	12+4 P	11+4P	Difference between Prokaryotic and Eukaryotic cell. Ultra structure & functions of cell organelles Mitochondria, Chloroplast, Endoplasmic Reticulum (smooth and rough), Golgi apparatus, Lysosome, Peroxisome, Ribosomes, Vacuole.  2P: 1. Measurement of size of cell structure/cell organelle/spore by micrometry. 01 2. Isolation of nucleus.
	B.Sc.III	08+2 P	08+2P	General role of media components water, carbon source, nitrogen source, minerals, precursors, growth factors. <b>Virus resistance:</b> Virus coat proteins, Movement proteins, Transmission proteins, Satellite RNAs, Antisense RNAs, Ribozymes. 2P: 1. Primary screening of antibiotic producers by crowded plate technique. 2. Primary screening of amylase producers by Replica Plate technique



				farming, 1P: Production of wine.
November	B.Sc.I	12+2P	11+2P	Parthenocarpy- Definition and significance. Cloning of plants- bulbs, corns, tubers, bulblets & rhizomes, runners, cuttings, layering, grafting & mericloneing. Differential and density gradient centrifugation, applications. <b>Microscopy: A) General principles of microscopy-</b> Image formation, magnification, numerical aperture (Uses of oil immersion objective), 2PRACTICAL: 1. Demonstration (Principle, working, construction) of Hot air oven & Incubator
	B.Sc.II	12+4P	12+4P	General features of Eukaryotic chromosome: Chromosome Chromosomal nomenclature & General structure, banding pattern. Types of chromosomes. Cytoskeletal assembly: Introduction, Cytoskeletal elements Microtubules-occurrence, structure, chemical composition, microtubule associated proteins, Microfilaments- occurrence, structure, chemical composition, functions. 1P: 1 Use of dialysis to separate smaller molecules than larger molecules.
	B.Sc.III	08+2P	08+2P	<b>Downstream Process and Product Recovery:</b> Downstream Processes in fermentation and bioprocess technology Solid and liquid separation. Flocculation and Flotation, filtration and centrifugation. GM Foods, ethical & socio-economic, legal and environmental issues, Forms of protection -IPR and IPP- Patents, copyright, trademark ,trade secret and PBR.
December	B.Sc.I	12+2P	12+2P	resolving power of microscope and working distance. B) Ray diagram, special features, applications and comparative study of compound microscope and Electron Microscope (Scanning and Transmission Electron Microscope). <b>Seed and Plant Anatomy</b> Seed –Definition, Formation, structure of Monocot and Dicot seed Dormancy of seed- Definition, Causes and Breaking of seed dormancy. Seed germination- Concept, Types-Epigeal and Hypogeal, factors affecting seed germination. <b>Plant Anatomy Tissues-</b> Simple and complex (Xylem and Phloem) Primary structure of Dicot stem and root (Sunflower) Primary structure of Monocot stem and root (Maize) Normal secondary growth in Dicot stem(Sunflower).
	B.Sc.II	12+4P	12+4P	1P: Demonstration (Principle, working, construction) of Autoclave & Centrifuge. Intermediate filaments (IF) - -occurrence, structure, chemical composition, types of IF, functions Cell membrane & Membrane transport: Cell membrane and its components. Molecular models of cell membrane-Unit membrane model, Protein crystal model, fluid mosaic model. Types of membrane transport - Passive transport, simple diffusion, facilitated diffusion, osmosis. Active transport-primary and secondary transport, Sodium potassium pump, Calcium pump, ATPase pump. Bulk transport - endocytosis and exocytosis, pinocytosis. 1P(REPEAT): Isolation of chloroplast.
	B.Sc.III	08+2P	08+2P	Cell disruption by solid and liquid shear, ultrasonication, enzyme action and mechanical disruption, Product recovery and purification principle Precipitation, Crystallization. Liquid-Liquid extraction, Distillation (Fractional and Steam), Evaporation, Chromatographic separation (Principles), Adsorption and concentration, Membrane filtration, Lyophilization, spray drying.
January	B.Sc.I	12+2P	11+2P	<b>Cell structure &amp; Discovery of Cell-</b> Cell theory -Definition, discovery, three assumptions of cell theory, exceptions, organismal theory , protoplasm theory Organization of Prokaryotic cell,



				<p>Organization of Eukaryotic cell (plant and animal cell)</p> <p>Ultra structure &amp; functions of cell organelles - Mitochondria, Chloroplast, E.R., Golgi apparatus, Lysosome, Peroxisome, Ribosomes.</p> <p>1P: Demonstration (Principle, working, construction) of Colorimeter &amp; Determination of <math>\lambda</math> max of a dye solution</p>
	B.Sc.II	12+4P	11+4P	<p>Cell division cycle: Introduction, definition, phases of cell cycle. Control of cell cycle and its check points. Molecular events of cell cycle-CDK and cyclins, s-phase.</p> <p>2P: 1.Effect of temperature and organic solvent on membrane permeability of cells.</p> <p>2.Study of mitosis and preparation of slides and identification of different stages.</p>
	B.Sc.III	08+2P	08+2P	<p><b>Food Spoilage, preservation &amp; toxicity:</b> Types of spoilage- Physical, Chemical and Biological (auto and microbial) Preservation methods: High and Low temperatures, retort process for unrefrigerated storage, Controlled atmosphere and Anerobiosis, Radiations and Asepsis.</p> <p>1P: 1.Bioassay of Penicillin.</p>
February	B.Sc.I	12+2P	12+2P	<p><b>Nucleus</b></p> <p>Introduction, morphology, occurrence, shape, size, number, position</p> <p>Ultra structure of nucleus-Nuclear membrane, nucleoplasm, nucleopore complex, nucleolus.</p> <p>Chromosome structure- Introduction, General features of Prokaryotic chromosome.</p> <p>General features of Eukaryotic chromosome - Chromosome number, size, Chromosomal nomenclature &amp; General structure.</p> <p>1P: Demonstration (Principle, working, construction) of Autoclave &amp; Centrifuge.</p>
	B.Sc.II	12+4P	12+4P	<p>CDK cyclins Complex, M-phase CDK cyclins complex, anaphase promoting complex.</p> <p>Programmed cell death, Necrosis.</p> <p>Cancer -types, characteristics of cancer cells, causes of cancer, tumor suppressor genes, p 53.</p> <p>2P: 1. Study of Meiosis and preparation of slides and identification of different stages.</p> <p>2. Study of plasmolysis</p>
	B.Sc.III	08+2P	08+2P	<p>Chemical preservatives (Salt, sugar, organic acids, SO<sub>2</sub>, NO<sub>2</sub>) Food Toxicity – Mycotoxin (Aflatoxin), Exotoxin (<i>Staphylococcal</i>), Neurotoxin (Botulinum), Food borne illness- Shigellosis, Amoebiosis, Aspergillosis.</p> <p>1P: Production of citric acid and Recovery</p>
March	B.Sc.I	12+2P	12+2P	<p><b>Cell membrane &amp; Membrane transport</b></p> <p>Cell membrane –components</p> <p>Molecular models of cell membrane- Unit membrane model, Protein crystal model, fluid mosaic model, Types of membrane transport, Passive transport-simple diffusion, facilitated diffusion, osmosis. Active transport-primary and secondary transport, Sodium pump, Na<sup>+</sup>-K<sup>+</sup> ATPase pump, Bulk transport-endocytosis and exocytosis.</p> <p>1P: Demonstration (Principle, working, construction) of Laminar Air Flow &amp; Refractometer.</p>
	B.Sc.II	12+4P	12+4P	<p>Mechanism of cell division: Introduction</p> <p>Types of cell division- mitosis and meiosis.</p> <p>Mitosis- history, phases in mitosis, unique features of M-phase, significance.</p> <p>Meiosis -history, phases in meiosis, significance.</p> <p><b>Cell Signaling</b> <b>11</b></p> <p>Introduction</p> <p>Types of cell signaling-contact dependent signaling, autocrine, paracrine, synaptic, endocrine, gap junctions, combinatorial signaling, Secondary Messengers</p> <p>2P: 1 Study of separation of chromosome by paradichlorobenzene (PDB).</p> <p>2 Study of methodology of cell lyses.</p>
	B.Sc.III	08		<p><b>Impact of GM food on human health:</b> Principle, Risk analysis and Regulations, Multidisciplinary perspectives of GM foods and impact Public health principles, Characteristics of food supply for public health, Food Safety, Capacity to supply nutritional adequacy, Sustainability, Capacity for Consumer choice, Accessibly and affordability to all.</p> <p>1P: Detection and isolation of pathogens spoiled food.</p>
April	B.Sc.I	12+2P	12+2P	<p><b>Cytoskeletal assembly</b></p> <p>Introduction, Cytoskeletal elements</p> <p>Microtubules-Occurrence, structure, chemical composition, microtubule associated proteins, HMW protein, DAU proteins, MTOC, assembly and disassembly of microtubules, functions</p>

				Microfilaments- occurrence, structure, chemical composition, functions Intermediate filaments(IF)- Occurrence, structure, chemical composition, types of IF, functions, Organization of cilia and flagella.
	B.Sc.II	12+4P	12+4P	Cell surface receptor proteins, Ion channel linked receptors, G-protein linked receptors, and enzyme linked receptors. Signaling through G-protein linked receptors- IP <sub>3</sub> and DAG Pathway.  <b>Secretary pathway and protein trafficking</b> Secretary pathway-ER associated ribosomal translation, co-translational transport of nascent polypeptide chain to ER lumen. ansport of proteins to- mitochondria, chloroplast, peroxisomes, nucleus, Golgi apparatus
	B.Sc.III	08+2P	08+2P	Revision, question bank, practical examination explanation.

  
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Department of Biotechnology  
Annual teaching plan 2022-23

Name of Teacher: Mr. P. S. Shinde

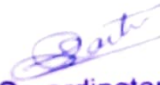
Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc.I	12 + 02P	12+ 02P	Chromatography : (Introduction, Theory, Principle and applications ) Thin layer chromatography, paper chromatography, column chromatography, size exclusion chromatography, Ion exchange chromatography, Affinity chromatography, HPLC, GLC. <b>Practical-</b> Spectrophotometric determination of nucleic acid purity and concentration
	B.Sc.II	12 + 04P	11 + 04P	Environmental Toxicology Definition, classification and concept Pesticide Toxicity –Classification (Organic and Inorganic) Mode of action of toxicants (Metals, organophosphates, carbamates and mutagens) Bio concentration, Bioaccumulation, Bio magnification, Potentiation and Synergism Control of Toxic effects- Biotransformation and excretion <b>Practical-</b> Determination of total and permanent hardness of water sample.
	B.Sc.III	08 + 04P	07 + 03P	Definition and perspective - application perspective, objectives perspective mode of enquiry perspective. selection of problems - stages in the execution of research; preparation of manuscript - report writing - format of journals - proof reading - sources of information; journals, reviews, books, and monographs-bibliography. Preparation for Research -Choosing a mentor, lab and research question; Maintaining a lab notebook with date-wise entry. <b>Practical-</b> -Experiments based on research terms, process, the principle activities, skills and ethics associated with the research process. -Explain the relationship between theory and research.
September	B.Sc.I	12+ 02P	12+ 02P	Electrophoresis- Introduction, Principle, theory and applications of paper electrophoresis, Agarose gel Electrophoresis, PAGE, 2D PAGE <b>Practical</b> - Study of UV absorption spectra of macromolecules (protein and nucleic acid)
	B.Sc.II	12 + 04P	11 + 03P	Bioremediation Techniques Definition, Principle, Insitu and Exsitu Bioremediation, Bioremediation of waste waters Activated Sludge Process, Solid Waste Treatment, Slurry Phase Treatment Agricultural Bioremediation- Microbial Composting, Biogas, Land Farming and Pest Control Bioremediation of Industrial wastes, Xenobiotics <b>Practical-</b> -Estimation of BOD of water sample. -Determination of TDS of water
	B.Sc.III	08 + 04P	07 + 02P	Problems while writing a scientific document, Scientific publication writing: Elements of a scientific paper including Abstract, Introduction, Materials & Methods, Results, Discussion, References, Drafting titles and framing abstracts. Publishing scientific papers - the peer review process and problems, recent developments such as open access and non-blind review, Scientific writing and ethics, Introduction to copyright-academic misconduct/plagiarism. Characteristics of effective technical communication, Scientific presentations, Ethical issues. <b>Practical-</b> -Propose a research study on given topic and justify the theory as well as the methodological decisions, including sampling and measurement. -To assess and evaluation a published journal article that uses one of the primary research methods in the field.



October	B.Sc.I	12+ 02P	11+ 02P	UV-Visible Spectroscopy Introduction of spectroscopy, properties of electromagnetic radiation, Electromagnetic spectrum, electronic transition & Designation of UV band, general application, isolated double bond, conjugated dienes, carbonyl compounds, aromatics. Analytical uses. <b>Practical</b> - Separation and identification of amino acids using TLC
	B.Sc.II	12 + 04P	10 + 04P	Biogeochemical cycle Carbon cycle, Nitrogen cycle, Sulphur cycle, Phosphorus cycle Bio augmentation and Bio filtration, Environmental Impact Assessment (EIA) <b>Practical-</b> -Study of effect of heavy metal on growth of organisms. -Estimation of COD of water sample.
	B.Sc.III	08 + 04P	07 + 04P	Maintaining a laboratory record, Tabulation and generation of graphs. Imaging of tissue specimens and application of scale bars. The art of field photography. Comparison of means: chi square test, students t test, ANOVA with interpretation of data- introduction to MANOVA- statistical tables and their use - significance test and fixing levels of significance - use of statistical software like COSTAT and STATISTICA. <b>Practical-</b> - To perform chi square test and student's t test of given scientific data. - To perform ANOVA with interpretation of given scientific data.
November	B.Sc.I	12+ 02P	11+ 02P	Lambert-Beer's law. Principle, Instrumentation with respect to colorimeter & single beam spectrophotometer, Principle, Instrumentation, Applications of UV and Visible spectroscopy <b>Practical</b> - Separation of amino acid by Paper Electrophoresis
	B.Sc.II	12 + 04P	11 + 02P	Waste water treatment Introduction, sources of water pollution, Stages of waste water treatment- Preliminary, Primary, Secondary – Aerobic and anaerobic treatment, Tertiary treatment. <b>Practical-</b> - Routine bacteriological analysis of water Presumptive, Confirmatory ,Completed and MPN - IMVIC Test
	B.Sc.III	08 + 04P	08 + 03P	Journals: standard of research journals - impact factor - citation index. Information retrieval - access to archives and databases, <b>Practical-</b> - To write an effective research proposal. - Poster presentation on defined topics.
December	B.Sc.I	12+ 02P	12+ 02P	Syllabus revision
	B.Sc.II	12 + 04P	11 + 03P	Waste water treatment for industry water recycling process (dairy, distillery, sugar industry)
	B.Sc.III	08 + 04P	07 + 04P	search engines - google, PubMed - national informatics centre network services. Online data base library.
January	B.Sc.I	08 + 02P	07 + 02P	Radioactivity: Introduction' properties of alpha, beta and gamma radiation, Neutron- proton ratio and nuclear Stability, Process of radioactive decay, Radioactive decay energy, Rate of radioactive decay,
	B.Sc.II	12 + 04P	11 + 04P	History and Introduction of Animal Cell culture. 11 Requirements of Animal cell culture- substrate for cell growth, Equipment's required for animal cell culture (Laminar air flow, CO2 incubator, Centrifuge, Inverted microscope), Sterilization of Glassware's, Equipment's & culture media - Glassware sterilization, reagent and media sterilization, sterility testing. Culture media- Natural media, synthetic media (serum containing media, serum free media, balanced salt solution, media constituent, complete culture media, physicochemical properties of Media). <b>Practical-</b> -Sterilization procedures and media preparation for Animal Cell cultures

February	B.Sc.III	12 + 04P	11 + 04P	<p>-Preparation of Serum</p> <p>Stem cells and transgenic technology: Characteristics of stem cells, Concept of stem cell progenitors. Concept of stem cell technology and its application. Transgenic technology &amp; cloning in mammals. Transgenic animals and their applications E.g. -Mice and cattle. Study of separation stem cell form placenta</p> <p><b>Practical-</b></p> <ul style="list-style-type: none"> <li>- Analysis of Milk and milk products -</li> <li>- Estimation of lactic acid.</li> </ul>
	B.Sc.I	08 + 02P	07 + 01P	<p>Unit of Radioactivity, Dosimeter: Absorbed dose (D), Dose equivalent (H) and effective dose equivalent. Radioactivity detecting techniques: Ionization chamber, Geiger Muller counter, Scintillation counter. Hazardous effects of nuclear transformation, Biological Applications of Radioisotope.</p>
	B.Sc.II	12 + 04P	11 + 04P	<p>Cultured cells- Biology and Characterization- Characteristics of cultured cells, cell adhesion, cell proliferation, cell differentiation,</p> <p>Characterization of cultured cells- Morphology of cells, species of origin of cells, Identification of tissue of origin, transformed cells, Identification of specific cell lines.</p> <p>Measurement of growth parameters of cultured cells- Growth cycle of cultured cells, plating efficiency of cultured cells</p> <p>Cell synchronization- Cell separation by physical means, cell separation by chemical blockade Senescence and apoptosis- Cellular senescence, Measurement of senescence.</p> <p>Apoptosis, Measurement of apoptosis</p> <p><b>Practical-</b></p> <ul style="list-style-type: none"> <li>- Growth studies by viable cell count analysis.</li> <li>- Cytotoxicity</li> </ul>
March	B.Sc.III	12 + 04P	11 + 04P	<p>Vaccines- Principle &amp; practices: Concept and types of vaccine, preparation of vaccine, Subunit vaccines- Hepatitis B vaccine, Foot and Mouth disease Vaccine, DNA Vaccines, Edible Vaccines, Recombinant vaccines- Cholera Vaccine, Vaccinia Virus Vaccine.</p> <p><b>Practical-</b></p> <ul style="list-style-type: none"> <li>- Estimation of total fat.</li> <li>- MBRT</li> </ul>
	B.Sc.I	08 + 02P	08 + 02P	<p>Chemistry of Natural Products (06)</p> <p>Terpenoids - isoprene rule, structure determinations of citral. Natural pigments</p> <p><b>Practical</b></p> <ul style="list-style-type: none"> <li>- Separation and identification of plant pigments using Ascending paper chromatography</li> </ul>
	B.Sc.II	12 + 04P	11 + 04P	<p>Basic technique of mammalian cell culture- Isolation of tissue, disaggregation of tissue, measurement of viability, primary cell culture, Cell lines, Maintenance of cell culture, Subculture.</p> <p>Scale up of Animal cell culture-Scale up in suspension-stirrer culture, continuous flow culture, Airlift fermenter culture Scale up in monolayer- Roller bottle culture, multi surface culture, multiarray disks, and tubes, Micro carrier culture, Immobilized cell culture.</p> <p><b>Practical-</b></p> <ul style="list-style-type: none"> <li>-Estimation of Hemoglobin</li> </ul>
April	B.Sc.III	12 + 04P	12 + 03P	<p>Monoclonal Antibodies, Biosensor and Gene therapy: Monoclonal antibodies- Production, Formulation, Applications- Diagnostics &amp; Therapeutic Biosensors- Principle &amp; their applications. Gene therapy – Introduction and types- Somatic &amp; Germ line gene therapy. Current status and future trends in telepathology and digital pathology</p> <p><b>Practical-</b></p> <ul style="list-style-type: none"> <li>- Determination of antibacterial activity of crude plant extract.</li> <li>- Isolation of DNA from biological samples.</li> </ul>
	B.Sc.I	08 + 02P	07 + 01P	<p>Carotenoids and their functions in plants, structural details of chlorophyll. Alkaloids- Basic structure, classification with suitable example.</p>

B.Sc.II	12 + 04P	11 + 03P	<p>Organ and Histotypic culture-Types and maintenance of organ culture, Histotypic culture, Stem cell cultures.</p> <p>Cell storage and distribution: a. Cryopreservation b. Cell repositories</p> <p>Applications of cell culture-In transplantation, and tissue engineering, monoclonal antibodies production, ethics and morality.</p> <p><b>Practical-</b></p> <p>-Validation of Autoclave by gamma radiation strips.</p>
B.Sc.III	12 + 04P	11 + 03P	<p>Forensic medicine and Public health: Preparation of DNA sample, Approaches of DNA analysis- RFLP and PCR based, Nuclear hybridization methods DNA – DNA Hybridization, FISH Fluorescent In situ Hybridization, Immunodiagnostic test-</p> <p>Immunofluorescence. Public health- Epidemiology, Diagnosis of infectious diseases, Detection of genetic diseases, Diagnosis of cancers, Pathophysiology of Cancer, Crime Laboratory Analysts work in the lab in areas like microanalysis and DNA testing.</p> <p><b>Practical-</b></p> <p>- DNA fingerprinting-RFLP</p>

  
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**Name of Teacher: Ms. S. S. Salunkhe**

Month	Class	Period/ Practical Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc.I	10	11	<b>Unit- I</b> <b>Origin of life</b> Basic concept ,A.I. Oparin concept, Urey Miller's experiment, Concept of Biomolecules- in general about Carbohydrate, protein, lipid just definition with at least one example. PH, pk value definition, H-H Equation, Biological buffer systems- e.g. Phosphate, Bicarbonate, Hemoglobin buffer system, Protein buffer system.
		2P	2P	<b>Practical:</b> 1. Preparation of buffers (Phosphate buffer, acetate buffer) and determination of pH with pH meter. 2. General test for carbohydrates and detection of unknown Carbohydrate from mixture (Glucose, fructose, maltose, sucrose, xylose and starch)
	B.Sc.II	11	11	<b>Unit I</b> <b>Experimental Evidences for DNA as a genetic material:</b> Griffith's Exp., Avery, Macleod, McCarty Exp. Blender Exp., RNA As a genetic material. (Gierer and Schram expt.) <b>Properties and Function of DNA:</b> Tm, Cot Curve, Buoyant Density, Unit of Gene (Cistron, Recon,Muton), One gene One PolypeptideHypothesis
		2P	2P	<b>Unit –III</b> <b>DNA Replication:</b> Semi conservative model of replication (M.S Expt.), Direction of replication ( Uni& Bidirectional)
	B.Sc.III	06	06	<b>Unit II</b> <b>Cloning Vectors:</b> Introduction, Properties of good vectors, Properties of good host, Cloning & expression vectors, Types- <i>E.coli</i> vector: plasmid (pBR 322 and pUC18)
	B.Sc.I	10	11	<b>Nucleic acids:</b> Nucleosides, Nucleotides, polynucleotides, DNA and it's different forms with properties. (A, B, C, D & Z), RNA and its types.- m-RNA, t-RNA. r-RNA, structure and function of nucleic acid, purine and pyrimidines, Watson and crick model of double helix, Forces Stabilizing nucleic acid structure. <b>Practical:</b> Protein estimation (Lowry method) Estimation of Glucose by 3,5 Dinitro salicylic acid method
September	B.Sc.I	2P	2P	<b>Practical:</b> Protein estimation (Lowry method) Estimation of Glucose by 3,5 Dinitro salicylic acid method
	B.Sc.II	09	09	<b>Unit –III</b> <b>DNA Replication:</b>

				<p>Mechanism of phosphodiester bond formation</p> <p>Mechanism of DNA replication and regulation in prokaryotes and eukaryotes</p> <p>Variation in prokaryote and Eukaryote polymerases.</p> <p>D loop model, Rolling circle model</p> <p>Practical: Estimation of DNA by Diphenylamine method</p> <p>Estimation of RNA by Orcinol Method</p>
	B.Sc.III	05		<p>Bacteriophage vectors (<math>\lambda</math> phage vector, M 13 Vectors), Cosmid vector, Phagemid vector ( pBlue script II KS/SK),</p>
October	B.Sc.I	04		<p><b>Carbohydrates:</b></p> <p>Classification, Glyceraldehydes, Simple aldoses &amp; Ketoses, confirmation of D-glucose, Biological importance of carbohydrates,</p>
		1P		<p>Practical: Estimation of amino acid by Ninhydrin method</p>
	B.Sc.II	05		<p><b>Unit- IV</b></p> <p><b>DNA damage &amp; Repair:</b></p> <p>DNA damage –Base substitution, Frameshift mutation,</p>
		2P		<p>Practical: Cellulose acetate paper electrophoresis of Amino Acid</p>
	B.Sc.III	03		<p>Yeast vector (YAC and BAC), Animal vectors (Retroviral, Simian Virus 40), Plant vector (Ti plasmid, Ri plasmid), Shuttlevector (pJBD 219), Selection of recombinant vector.</p>
		1P		<p>Practical: Construction of restriction map of plasmid DNA</p>
November	B.Sc.I	12		<p>Reactions of monosaccharide (Oxidation, reduction, osazone), glycosidic bond, disaccharides (Sucrose, maltose, lactose), polysaccharides- homo polysaccharides- (Starch, glycogen, Cellulose)</p> <p><b>Unit- IV</b></p> <p><b>Lipids</b></p> <p>Classification – Simple lipid- <i>Triacylglycerol</i> and waxes. Compound lipid - Phospholipid e.g- Phosphotidyl choline, Ethanolamine Glyserolipid, Sphingolipids</p> <p>Chemical properties- (sap value, acid value, iodine no., rancidity) (Sphingomyelin, Cerebrosides, gangliosides)</p>
		2P		<p>Practical: Qualitative assay of <math>\alpha</math>- amylase using starch as substrate.</p>
	B.Sc.II	11		<p>Chemical damage, Physical breakdown, DNA repair, Excision repair, Mismatch repair, SOS repair, Photo reactivation, Recombination repair.</p> <p><b>Unit- II</b></p> <p><b>Nucleic Acid biosynthesis:</b></p> <p>De novo synthesis of Purine and Pyrimidine ring</p>
		4P		<p>Practical: Adsorption chromatography of amino acid</p>
	B.Sc.III	06		<p><b>Unit IV:</b></p> <p><b>DNA Sequencing:</b> Maxam Gilbert method, Sanger Coulson method and Automated DNA sequencing, Southern Blotting,</p>
		2P		<p>Practical: Ligation of DNA</p>
December	B.Sc.I	03		<p>Derived lipid- Cholestrol, lipoprotein- LDL, VLDL, HDL, Chylomicrons, Liposome.</p>



	B.Sc.II	04 1P	04 1P	Salvage Pathway, Synthesis of Deoxyribonucleotide Feedback inhibition Practical: Isolation of Amylase from germinating seed
	B.Sc.III	03	03	<b>Blotting technique:</b> Northern Blotting., Western blotting, DotBlot Technique
	B.Sc.I	07 1P	08 1P	<b>Unit- I</b> <b>Protein:</b> Amino acid classification (Depending upon R group), structure of amino acids, peptide bond, Determination of primary structure (Sanger's method, Edman's method, Dansyl chloride ), Practical: Isolation and characterization of starch from potatoes
January	B.Sc. II	06	06	Unit- II <b>Transcription in prokaryote and Eukaryote</b> RNA polymerase, RNA synthesis and processing (Initiation, Elongation, termination)
	B.Sc. III	07	07	<b>PCR and its application:</b> Primer designing , Annealing Temperature, PCR efficiency , Steps in PCR reaction
	B.Sc.I	06 4P	06 4P	Forces Stabilizing secondary structure, Tertiary structure (Describe different bonds, w.r.to Myoglobin, Quaternary structure w.r.t. Hemoglobin. Biological Important Peptide, Ramchandran Plot, Concept of Isoelectric pH, Zwitter Ion, Type of Protein (Globular & Fibrous) Practical: Estimation of reducing sugar from apple juice by Benedict's method Practical: Gel Filtration Chromatography
February	B.Sc.II	11	12	Regulation of mRNA stability: Capping, RNA processing, RNA editing, splicing, and polyadenylation, structure and function. <b>Unit- II</b> <b>Genetic Code</b> Triplet nature, Salient feature of genetic code, Decipheration of genetic code, Assignment of codons with Unknown sequences: i) Polyuridylic ii) Acid Method iii) Copolymers method Practical: Ion exchange chromatography using DEAE Cellulose Study of lipase activity
	B.Sc.III	11	11	<b>Types of PCR</b> – Inverse PCR, Anchored PCR, RT-PCR, Real time PCR, Nested PCR, Colony PCR, Applications, Advantages of PCR, Limitations, <b>Practical:</b> DNA Amplification by PCR cDNA cloning by Reverse Transcription PCR
	B.Sc.I	05	05	<b>Protein purification :</b> Method of cell disruption (Blenders, grinding with abrasives presses, enzymatic method, sonication)
March	B.Sc.II	11 4P	11 4P	Assignment of codons with known sequences: i) Binding technique ii) Repetitive seq. technique, Wobble Hypothesis, Variation in genetic code <b>Unit- III</b> <b>Translation in prokaryote and Eukaryote</b> Structure and role of ribosome in translation, Amino acid t-RNA complex formation, Initiation, Elongation, termination of translation, Practical: Study of activity of nitrate reductase
	B.Sc.III	12	12	<b>Unit- I</b> <b>Isolation of Gene:</b> Chemical synthesis (Phosphotriester approach, Phosphitetriester approach),



				Synthesis of complete gene, cDNA and genomic DNA library, Screening of libraries- immunological screening and colony or plaque hybridization, <b>Unit-III</b> <b>Cloning methodologies:</b> Construction of plasmid (Somatostatin), Insertion of foreign DNA into host cells, Agrobacterium mediated gene transfer, Chemical methods- CaCl <sub>2</sub> coprecipitation, polycation mediated gene transfer.
		4P	4P	<b>Practical:</b> Western blotting technique Southern blotting technique
April	B.Sc.I	06	06	Salt participation- Salting in, salting out, organic solvent precipitation, dialysis, ultra filtration, practical: General test for Amino acids and detection of unknown Amino acid from mixture (Arginine, methionine, cystine, tyrosine, histidine, proline, tryptophan) Practical: Isolation and characterization of casein from milk.
		1P	1P	
	B.Sc.II	12	12	Post- translation modifications (Protein folding, Removal of Leader sequences, Phosphorylation, glycosylation, acetylation) <b>Unit IV</b> Regulation of gene expression: i) Promoter ii) Enhancers ii) Activators iii) Repressor iv) Co- Repressors Regulation of gene expression in prokaryote: i) Lac operon ii) Tryptophan operon iii) Arabinose operon
		4P	4P	Practical: Study of activity of nitrate reductase
	B.Sc.III	11	11	Physical methods- Liposomes, microinjection, electroporation, biolistics. <b>Screening of recombinants-</b> Direct selection, Insertional inactivation selection, Blue white selection, Fluorescent Activated Cell Sorter <b>Unit- IV</b> <b>Application of r-DNA technology:</b> Production of transgenics- Knockout mice, in medicines –Insulin <b>Gene Silencing-</b> Introduction, Principle of Si-RNA and Si- RNA technology <b>Molecular Markers:</b> Types of Marker- Biochemical, Morphological and genetic markers (eg. RFLP, RAPD, AFLP, QTL, SSR)
		4P	4P	Practical: RAPD analysis a) Expression of gene in <i>E. Coli</i> (GST) b) SDS PAGE

  
**Co-ordinator**  
 Dept. of Biotechnology  
 B. Sc. Entire Course  
 S G.M. College, Karad

Rayat Shikshan Sanstha's,  
SADGURU GADAGE MAHARAJ COLLEGE, KARAD.  
Department of Biotechnology  
Annual teaching plan 2022-23

Name of Teacher: Mr. S. D. Vibhute

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
August	B.Sc.I	10	11	<b>Electrochemistry:</b> Conductance, Kohlrausch law, Galvanic cells, half-cell potentials, emf, Type of electrodes, Construction and working of Calomel and Glass electrode. Numerical problems. <b>Reaction Kinetics:</b> Reaction rate constant, Order and Molecularity of reaction, Activation energy. Integrated rate expressions for zero, 1 <sup>st</sup> and 2 <sup>nd</sup> order reactions, Characteristics of 1st order reactions.
		03P	03P	1. Determination of dissociation constant of a weak acid and study of effect of substituent on dissociation constant of weak acid. 2. Conductometric titration- Strong acid, strong base. 3. Determination of Ibuprofen Content in given pharmaceutical tablet.
	B.Sc.II	11	11	<b>Metabolism:</b> Anabolism & Catabolism, Three stages in catabolism, types of metabolic reactions, Methods employed to study metabolism, High energy compounds.
		04P	04P	1. Isolation of DNA from - Plant Material/ Animal Material 2. Quantification of Genetic material
	B.Sc.III	06	07	<b>Nucleic Acid Hybridization:</b> Nucleic Acid and plasmid purification, Probe Preparation, Methods of labeling probes: Radio labeling – Nick translation, End labeling, Primer extension
		02P	02P	1. Calculation of molecular size of digested DNA 2. Purification of DNA fragment from agarose gel
September	B.Sc.I	10	10	<b>Catalysis:</b> Types of catalysis with example, characteristics of catalysis, Elementary enzyme catalyzed reaction, Numerical problems. <b>Thermodynamics:</b> Reversible and irreversible processes, -Internal energy, Enthalpy, Heat of reaction and its types, First Law of thermodynamics, Hess law. Measurement of $\Delta H$ . Trouton's rule, Kirchoff's equation. Second law, Entropy Third law-Absolute entropies and their uses, Gibbs and Helmholtz free energy function, $\Delta G$ and $K$ , $\Delta G$ and workfunction. Relation between $\Delta H$ and $\Delta G$ , Phase equilibria- Clapeyron and Clausius equation and its application. Numerical problem.
		02P	02P	1. Activation energy for an acid catalyzed hydrolysis of methyl acetate. 2. Determination of Viscosity of Given Liquids.
	B.Sc.II	09	08	<b>Carbohydrates Metabolism:</b> Reactions and energetics of Glycolysis, TCA cycle Glyoxylate cycle, Gluconeogenesis.
		04P	04P	1. Isolation of Genomic DNA from bacteria. 2. Purification of DNA by silica membrane.
	B.Sc.III	05	05	Non Radiolabelling – Biotin, dioxygenin ,fluorescent dyes, FISH, Applications of probes.
		01P	01P	Transformation of <i>E. Coli</i> and Selection of recombinants
October	B.Sc.I	04	05	<b>Structure and Bonding:</b> Types of bonds. Ionic bond, covalent bond, Co-ordinate bond, Metallic bond, Hydrogen bond, Vanderwaal's forces. Formation of ionic and covalent bond with examples, e.g. NaCl, KCl, HCl, CH <sub>4</sub> , Cl <sub>2</sub> , H <sub>2</sub> . VBT- Postulates.
		01P	01P	1. Organic Preparations a. Phthalimide
	B.Sc.II	05	05	Glycogenesis and Glycogenolysis, HMP and its significance.
		02P	02P	1. Isolation of Plasmid from <i>E.coli</i> .
	B.Sc.III	03	03	DNA Sequencing: Maxam Gilbert method
		01P	01P	<i>Agrobacterium</i> transformation in plants

**Annual Teaching plan for academic year- 2022-23**

Name of Teacher: Mr. Nikam Anant Arjun

Department: Sanskrit

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
June -2022	BA I	16	--	Admission
	BAII	16	--	Admission
	BA II	16	--	Admission
July -2022	BAI(Comp)	16	--	Admission
	BAI(Opt)	16	--	Admission
August -22	BA I ( Comp)	16	15	<b>Unit No. 1) General Introduction to Vedic Literature and History</b>  1.1 Samhita  1.1 Vedic Time 1.2 Subject Matter 1.3 Social Life
	BAI(Opt)	16	15	<b>Unit No.1 Raghuvansham</b>  1.1 Introduction ( Author & Text) 1.2 Canto- I ( 1-10 Verses) 1.3 Canto- I ( 11-20 Verses) 1.4 Canto- I ( 21-30 Verses)
	BAII ( SANO3)	16	11	<b>Unit No. 1 Rupak</b> 1.1 Definition of Rupak 1.2 Types of Rupak: Natak , Prakaran Bhan 1.3 Prahasan , Deem, Vyayoga 1.4 Samavakar, Vithi, Anka, Ihamruga
	BAII( SANO4)	16	12	<b>Unit No. 2 Prasthantrayi:</b> 1.1 Outline of Bramhasutra 1.2 Outline of Upanishad 1.3 Outline of Geeta 1.4 Teaching and moral values of Prasthantrayi
Sept- 2022	BA I ( Comp)	16	16	UNIT II: Vedic Literature 2.1 Bramhana



				2.2 Aaranyaka 2.3 Upanishada 2.4 Vedanga
	BA I ( Opt)	16	16	<b>Unit No. II Soft Skill development in Sanskrit Language</b> 2.1 Listening 2.2 Reading 3.3 Writing 3.4 Speaking Skills
	BAII ( SANO3)	16	16	<b>Unit No. II General Introduction to famous Sanskrit Dramatist</b> 2.1 Shudrak 2.2 Vishakhadatt 2.3 Harsh 2.4 S. B. Varnekar
	BA II ( SANO4)	16	16	<b>Unit No. 2 Ishavasyopanishada</b> 2.1 Verses 1-3 2.2 Verses 4-8 3.3 Verses 9-14 3.4 Verses 15-18
Oct- 2022	BA I ( Comp)	16	08	<b>Unit No. 3 Arshamahakavya Ramayana</b> 3.1 Time 3.2 Subject-matter 3.3 Ramayana as an Aadikavya 3.4 Cultural importance
	BA I ( Opt)	16	08	<b>Unit No. 3 Kirarjuniyam</b> 3.1 Introduction ( Author and Text) 3.2 Canto- 1 ( 1-10 Verses) 3.3 Canto-1 ( 11-20 Verses) 3.4 Canto-1 ( 21-30 Verses)
	BAII(SANO3)	16	08	<b>Unit No.3Svapnawasavdattam of Bhasa</b> 3.1 Introduction of 1 <sup>st</sup> Act 3.2 Plot 3.3 Text reading, Translation & Explanation 3.4 Poetic Excellence
	BAII(SANO4)	16	08	<b>Unit No. 3 Gita Chapter 2</b> 3.1 Verses -1-10 3.2 Verses- 11-18 3.3 Verses 19-26 3.4 Verses 27-30
Nov-2022	BA I ( Comp)	16	16	<b>Unit IV Aarshamahakavya: Mahabharat</b> 4.1 Time 4.2 Subject- matter 4.3 Encyclopedic nature

				4.4 Cultural Importance
	B.A. I ( Opt)	16	15	<b>Unit IV: Shishupalwadham</b> 4.1 Introduction ( Author and Text) 4.2 Canto- II ( 26-35 Verses) 4.3 Canto- II ( 36-45 Verses) 4.4 Canto- II ( 46-56 Verses)
	BAII ( SANO3)	16	15	<b>Unit No.4 Svapnavasavdattam of Bhasa</b> 4.1 Introduction of 2 <sup>nd</sup> and 3 <sup>rd</sup> Act 4.2 Plot 4.3 Text, Reading, Translation & Explanation 4.4 Poetic Excellence
	BII ( SANO4)	16	15	<b>Unit No.4 Gita Chapter 3</b> 4.1 Verses 1-8 4.2 Verses 9-16 4.3 Verses 17-20 4.4 Verses 36-46
Dec-2022	BA I ( Comp)	16		Exam work / Internal work
	BA I( Opt)	16	06	Revision/Exam work / Internal work
	BAI( SANO3)	16	05	Revision/Exam work / Internal work
	BAII(SANO4)	16	05	Revision/Exam work / Internal work
Jan-2023	BA I ( Comp)	16	08	<b>Unit No. 1 Sanskrit Dramaturgy</b> 1.1 Sanskrit Drama: Origin and Development 1.2 Nature and Outline of Drama 1.3 Technical Terminology 1.4 Overview of some important Dramas
	BA ( Opt)	16	08	<b>Unit No. 1 Sanskrit Dramaturgy</b> 1.1 Sanskrit Drama: Origin and Development 1.2 Nature and Outline of Drama 1.3 Technical Terminology 1.4 Overview of some important Dramas
	BAII(SANO5)	16	08	<b>Unit-1 Kavyaprakasha of Mammata</b> 1.1 Introduction of Sahityashastra 1.2 Life, time & work of Mammata 1.3 Ulhas-1 Mangalacharan

				1.4 Kavyaprayojan
	BAII(SANO6)	16	08	<b>Unit No. 1 General introduction to Niti Literature</b> 1.1 Hitopadesha, Panchatantram 1.2 Nitishatakam 1.3 Subhashit Sahityam 1.4 Bruhatkatha & Kathasaritsagar
Feb-2023	BA I ( Comp)	16	06	<b>UNIT II: Important Dramatist-Bhas</b> 2.1 Some important Dramas and dramatist- Bhas, Kalidas, Bhavabhuti etc. 2.2 Life, Time and Work 2.3 Bhasanatakchakram 2.4 Poetic Excellence of Bhasa
	BA I ( Opt)		11	<b>UNIT II: Important Dramatist-Bhas</b> 2.1 Some important Dramas and dramatist- Bhas, Kalidas, Bhavabhuti etc. 2.2 Life, Time and Work 2.3 Bhasanatakchakram 2.4 Poetic Excellence of Bhasa
	BAII(SANO5)	16	07	<b>Unit No.2 Kavyaprakasha of Mammat</b> 2.1 Kavyahetu 2.2 Kavyalakshanam 2.3 Kavyabhedah 2.4 General study of 1 Ullasa
	BAII(SANO6)	16	07	<b>Unit No.2</b> 2.1 मित्रभेदतः काकी कनकसूत्र कृष्ण सर्प कथा 2.2 Moral of the Story 2.3 लुब्ध बक कर्कटक कथा 2.4 Moral of the Story
March-2023	BA I ( Comp)	16	10	<b>UNIT III: Pratima Natakam Of Bhasa</b> 3.1 Act-1 3.2 Act-1 3.3 Act-2 3.4 Act -2
	BA I (Opt)		11	<b>Unit No.3 Karnabharam of Bhasa</b> 3.1 Story of Karnabharam 3.2 Deviation of plot from original story



				3.3 Title of the Karnabharam 3.4 Critical Analysis of plot
	BAII(SANO5)	16	15	<b>Unit No.3 Figure of speech – Shabdalankar</b> 3.1 Anuprasa, Yamak 3.2 Shlesh, Vakrokti 3.3 Punaruktavadabhasha 3.4 Chitram
	BAII(SANO6)	16	14	<b>Unit No.3 Nitishatakam</b> 3.1 अर्थ पद्धती Verses 1-5 3.2 अर्थ पद्धती Verses 6-10 3.3 कर्म पद्धती Verses 1-5 3.4 कर्म पद्धती Verses 6-10
April - 2023	BA I(Comp)	16	06	<b>UNIT IV: Pratima Natakam Of Bhasa</b> 4.1 Story of Pratima Natakam 4.2 Deviation of plot from original story 4.3 Title of the Pratima Natakam 4.4 Critical Analysis of plot
	BA I ( Opt)	16	08	<b>Unit No.4</b> 4.1 Characteristics of Karna as a leader 4.2 Circumstances of Karan 4.3 Karna as a Victim of injustice 4.4 Moral Values and ethics of Karna
	BAII(SANO5)	16	08	<b>Unit No.4</b> Figure of Speech- Arthalankar 4.1 Upama, Swabhavokti 4.2 Vibhavana, Visheshokti 4.3 Parivrutti 4.4 Vyaghat
	BAII(SANO6)	16	08	<b>Unit No. 4 Nitishatakam</b> 4.1 परोपकार पद्धती 1-5 4.2 परोपकार पद्धती 6-10 4.3 धैर्य पद्धती 1-5 4.4 धैर्य पद्धती 6-10
May 2023	B.A. I & B.A. II			Examination

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

# Annual Teaching plan for academic year 2022-23

Name of Teacher: Dr. Vaishali K. Bansode

Department: Philosophy

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
July - 2022	B.A. II	16	--	Admission
	B.A.III	16	--	Admission
	B.A.III	16	--	Admission
	B.A.III	16	--	Admission
August - 2022	B.A. II	16	12	UNIT - 1 <b>Political Philosophy</b> : A. Nature and scope of Political Philosophy B. Political Thoughts of Socrates, Plato & Aristotle. C. Relation between Politics & Philosophy.
	B. A. III	16	14	UNIT - 1 <b>Nature of Logic</b> : A. Definition : Logic as a Formal Science of inference. B. Deductive and Inductive Inference C. Categorical Propositions.
	B.A. III	16	13	UNIT - 1 <b>Basवेश्वर</b> : A. Views on Bhakti and God B. Doctrine of Kayak - views on Pravrutti and Nivrutti C. Views on - Equality of Cast and gender.
	B.A.III	16	12	UNIT - 1 <b>Mahatma Jyotirao Phule</b> : A. Views on Education of Women and shudras B. Concept of Slavery C. Sarvajanic Satyadharma
September 2022	B.A. II	16	12	UNIT - 2 <b>Political Ideals with special reference to Indian Constitution</b> : A. Liberty, Equality and Justice B. Fundamental Rights and Duties C. Directive principles of State policy
	B.A.III	16	13	Unit - 2 <b>Symbolization of Proposition and Basic Truth Table.</b> A. Simple and Compound Propositions B. Symbolization of Propositional

				variable, propositional constants and propositional connectives. C. Basic Truth Tables of Negation, Conjunction, Disjunction, Implication and Evaluation.
	B.A.III	16	14	Unit - 2 <b>Kabir</b> : A. Views on nature of Ultimate Reality B. Concept of Guru, Distinction between Sadguru and Dharmguru C. Criticism of Traditional religion
	B.A.III	16	12	Unit - 2 <b>Mahatma Gandhi</b> : A. Views on Cast and Untouchability B. Concept of Truth and Non-Violence C. Satyagraha and Sarvodaya
October- 2022	B.A. II	16	13	UNIT - 3 <b>Political Ideologies</b> : A. Socialism : Karl Marx B. Democracy : Dr. B. R. Ambedkar C. Sarvodaya : Mahatma M. K. Gandhi
	B.A.III	16	14	Unit - 3 <b>Decision Procedure for testing the statement forms</b> : A. Truth Table Method B. Shorter Truth Table Method.
	B.A.III	16	13	Unit - 3 <b>Nanak</b> : A. Nature and Principles of Sikhism. B. Concept of Hukum and Bhay C. Concept of Bhakti and Sahaj
	B.A.III	16	12	Unit - 3 <b>Dr. Babasaheb Ambedkar</b> A. Criticism of Cast System B. Concept of Liberty, Equality and Fraternity C. Dhamma and Dharma
November - 2022	B.A. II	16	12	UNIT - 4 <b>Methods of Political Actions</b> A. Constitution B. Terrorism C. Satyagraha
	B.A.III	16	13	Unit - 4 <b>Formal Proof</b> : A. Rules of inference and rules of Replacement B. Method of direct proof, conditional proof and indirect proof.
	B.A.III	16	14	Unit - 4 <b>Saint Bahinabai</b> : A. Introduction of Saint Bahinabai B. Thoughts of Metaphysics C. Thoughts of Epistemology
	B.A.III	16	12	Unit - 4 <b>Yogi Aurobindo</b> A. Introduction of shree Aurobindo B. Integral Yoga C. Mind and Super mind
December -	B.A. II	16	--	Exam work / Internal work



2022	B.A.II	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
January - 2023	B.A. II	16	13	Unit - 1 <b>Social Philosophy :</b> A. The Nature And Scope B. Individual and Society C. It's relation to Sociology, Political science and Ethics.
	B.A.III	16	14	Unit - 1 <b>Quantificational Logic :</b> A. Quantification : Definition kinds of Quantification B. Singular and General proposition. Universal and Existential proposition
	B.A.III	16	15	UNIT - 1 <b>Dnyaneshwar :</b> A. Philosophical basis of Varkaripantha B. Reconciliation of Dnyanyoga, Bhaktiyoga and Karmayoga. C. significance of Psaydana
	B.A.III	16	12	UNIT - 1 <b>John Paul Sartre :</b> A. Sartre as Existentialist B. Being for itself, Being in Itself C. Concept of freedom and Bad faith
February - 2023	B.A. II	16	14	Unit - 2 <b>Social Institution :</b> A. Religion - It's role is social life B. Family -Joint and Nuclear C. Marriage instution - Companionate marriage, live in Relationship, Homosexual Marriage.
	B.A.III	16	13	Unit - 2 A. Rules of Quantification 1. UI 2. UG 3. EI 4. EG B. Formal proof of argument involving quantified propositions
	B.A.III	16	14	Unit - 2 <b>Tukaram :</b> A. concept of True dharmaand Criticism of Pakhand B. His growth from a commoner to sainthood C. Tuka Zalase Kalas - Culmination of varkari cult.
	B.A.III	16	12	Unit - 2 <b>A. J. Ayer :</b> A. Verifiability Principle B. A Priori and Analytic Propositions C. Approach to Metaphysics
March - 2023	B.A. II	16	14	Unit - 3 <b>Social change and Progress :</b> A. Defination and Nature of Social Change B. Concept of social change and Progress

				C. Criteria of social change and progress
	B.A.III	16	14	Unit - 3 <b>Multiply general proposition and revised rules of Quantification.</b> A. Singly General and Multiple General proposition. B. Free and Bound variables, symbolizing multiply general proposition
	B.A.III	16	14	Unit - 3 <b>Ramdas :</b> A. Prapanch and Parmartha B. Vivekvada C. Prayatnavada
	B.A.III	16	12	Unit - 3 <b>Wittgenstein :</b> A. Wittgenstein's Philosophy B. Picture theory of Meaning C. Language Game
April - 2023	B.A. II	16	13	Unit - 4 <b>Social Problems :</b> A. Gender Equality B. Current Issues of Media / use of media / social Networking C. Corruption
	B.A.III	16	14	Unit-4 <b>The rule of quantifier Negation</b> A. Logical truths. rules of quantifier negation B. Demonstration of Logical Truths involving quantifiers.
	B.A.III	16	15	Unit - 4 <b>Gadage Maharaj</b> A. Method of dialogue and keertan B. Social views on Cleanliness of villages, Addiction, independence, social inequality illiteracy and dowry. C. Views on God worship and Irradiation of blind faith
	B.A.III	16	11	Unit - 4 <b>B. Russell :</b> A. Kinds of Knowledge B. Logical Atomism C. Value of Philosophy
May - 2023	B.A. II	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
June - 2023				

**Annual Teaching plan for academic year- 2022-23**

Name of Teacher: Dr.Bhongale S.B.

Department: Philosophy

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
June 2022	BA I	16	--	Admission
	BAII	16	--	Admission
	BA II	16	--	Admission
	BAIII	32	--	Admission
July 2022	BA I	16	08	Chapter-1. Introduction to Philosophy
	BAII	16	08	What is Ethics, The Nature and Scope of Ethics
	BAII(Logic)	16	--	Exam Work
	BA III	32	04	1.Vedic and Upanisadic Philosophy 1. A. Concept of god on Vedic culture – Polytheism 2. Spinoza – A. Theory of Knowledge B. Doctrine of Substance, Attributes and Modes C. Concept of God Pantheism
August 22	BA I	16	15	<b>Introduction of Philosophy</b> 1.1 Definitions of Philosophy. Nature and scope of Philosophy 1.2 Common characteristics of Indian Philosophy. 1.3 Veda, upnisad, Classification of Darshan
	BAII	16	11	b)Relation between Philosophy and Ethics c)The notion of Right and Good
	BAII	16	12	1. Nature and scope of Logic A) Kinds of knowledge, Definition and of Logic B) Deductive and Inductive Inference C) Proposition, Terms ,Lows of thought



	BA III	32	12	<ol style="list-style-type: none"> <li>1. Bhagavadgita               <ol style="list-style-type: none"> <li>A. Nature and purpose of gita</li> <li>B. Ways of Moksha – Karma ,Dnyan, Moksha</li> <li>C. Sthitpradnya</li> </ol> </li> <li>3. Leibnitz-               <ol style="list-style-type: none"> <li>A. Theory of Monads</li> <li>B. Doctrine of pre-established harmony</li> <li>C. Argument for the existence of God</li> </ol> </li> </ol>
Sept-2022	BA I	16	16	UNIT II:Charvaka Darshana <ol style="list-style-type: none"> <li>1.1 Materialism</li> <li>1.2 Theory of Knowledge</li> <li>1.3 Ethical views on Charvaka</li> </ol>
	BA II	16	16	2) Pre Indian Ethics <ol style="list-style-type: none"> <li>a) Dharma- meaning definition and classification</li> <li>b) Theory of Karma</li> <li>c) Concept of Purushartha</li> </ol>
	BA II	16	16	2. Classification of Propositions <ol style="list-style-type: none"> <li>A) Categorical Proposition</li> <li>B) Conditional Proposition</li> <li>C) Distribution of Terms of A E I O</li> </ol>
	BA III	32	30	<ol style="list-style-type: none"> <li>2. Nyaya Darshana               <ol style="list-style-type: none"> <li>A. Concept of Pramana</li> <li>B. Hetvabhas</li> <li>C. Concept of Moksha</li> </ol> </li> <li>4. Hhume-               <ol style="list-style-type: none"> <li>A. Objects of Human Knowledge</li> <li>B. Theory of Causation</li> <li>C. Skepticism</li> </ol> </li> </ol>
Oct- 2022	BA I	16	08	UNITIII: Jain Darshana. Nature and Principle of Ahimsa Anekantvad: Nayvad and Syadvad Jain Metaphysics: Jiva and Ajiva
	BA II	16	08	Some Indian Ethical Theories <ol style="list-style-type: none"> <li>a) Gandhian Ethics- Ahimsa, Satya , Asteya , Brahmacharya &amp;Aparigraha</li> <li>b) Yoga Ethics- Yam&amp;Niyam</li> <li>c) Jaina Ethics- Anuvratas &amp; Mahavratas ,Triratna, Sallekhana</li> </ol>
	BA II	16	08	A) Mixed Hypothetical syllogism- Rules, kinds and fallacies
	BA III	32	16	<ol style="list-style-type: none"> <li>3. Vaisheshik Darshana               <ol style="list-style-type: none"> <li>A. Nature of Vaisheshik Philosophy</li> </ol> </li> </ol>

				B. Concept of Padarthas C. Theory of Atomism 5. Kant- A. Critical Philosophy B. A priory synthetic Propositions C. A moral Theory- Gita and Duty for Duty sack
Nov-2022	BA I	16	15	UNIT IV Buddhism 3.1 Four Noble Truths 3.2. Asthangmarg 3.3. Concept of Nirvana
	BA II	16	15	Yoga Ethics- Yam & Niyam Jaina Ethics- Anuvratas & Mahavratas ,Triratna, Sallekhana
	BA II	16	12	3. Immediate Inference A) Opposition of Propositions 4. Deduction- Conversion and Obversion Mediate Inference B) Categorical syllogism – Nature, General Rules, Figures and moods C) Mixed Hypothetical syllogism- Rules, kinds and fallacies
	BA III	32	12	A. Concept of Padarthas B. Theory of Atomism Internal work
Dec-2022	BA I	16	10	Exam work / Internal work
	BA II	16	10	Exam work / Internal work
	BA II	16	06	Exam work / Internal work
	BA III	32	08	Exam work / Internal work
Jan-2023	BA I	16	08	UNIT I: Socrates 1.1. Pre- Socratic Philosophy( sophist) 1.2. Method of Socrates 1.3. Moral views of Socrates
	BA II	16	08	1. End based Ethics A. Hedonism –Egoistic & Universalistic B. Utilitarianism – Bentham C. Utilitarianism- Mill
	BA II	16	08	5. Nature and scope of Logic D) Kinds of knowledge, Definition and of Logic E) Deductive and Inductive Inference F) Proposition, Terms ,Laws

				of thought
	BA III	32	16	1. Samkhya Darshna- A. The Nature of Prakriti and Purusa B. Evaluation of Prakriti C. Theory of Causation (Satkaryavada)
Feb-2023	BA I	16		UNIT II: Plato 2.1. Plato- Allegory of the cave 2.2. Plato's Doctrine of Ideas 2.3. Plato's Theory of Knowledge
	BA II	16		
	BA II	16		1) Grounds of Induction A) Principles of Causality and Uniformity of Nature B) Observation- Characteristics , Fallacies C) Experiment- Nature , Merits and Demerits
	BA III	32		2. Yoga Darshana- A. Relation between Samkhya-Yoga Darshana B. Ashthang Yoga C. Importance of Yoga
March-2023	BA I	16		UNIT III: Philosophy of Aristotle 3.1. Theory of Causation 3.2. Doctrine of Form & Matter 3.3.Views on God
	BA II	16		
	BA II	16		Hypothesis A) Definition, Nature and importance of Hypothesis B) Conditions of valid Hypothesis C) Verification and Proof of Hypothesis
	BA III	32		3. Advait Vedant A. Nature of Brahman B. Mayavad and SattatraySidhant C. Nature of Moksha
April -	BA I	16	06	UNIT IV: Philosophy of Rene Descartes 4.1.Descartes Philosophy Rationalism



2023				4.2.Method of Doubt and Cogito Ergo Sum 4.3. Mind and Body Relation(Dualism)
	BA II	12	06	Revision / Internal
	BA II	16	07	Laws of Nature and Explanation A) Meaning and Types of Laws and Principles B) Laws of Nature C) Scientific Explanation- Kinds of scientific explanation
	BA III	16	09	4. Vishisthadvait Darshan A. Chit, Achit and Eshwer B. The meaning of "Tattvamasi" C. Criticism of Kevaladvait Revision / Internal

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

# Annual Teaching plan for academic year 2022-23

Name of Teacher: Dr. Vaishali K. Bansode

Department: Philosophy

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
July - 2022	B.A. II	16	--	Admission
	B.A.III	16	--	Admission
	B.A.III	16	--	Admission
	B.A.III	16	--	Admission
August - 2022	B.A. II	16	12	UNIT - 1 <b>Political Philosophy</b> : A. Nature and scope of Political Philosophy B. Political Thoughts of Socrates, Plato & Aristotle. C. Relation between Politics & Philosophy.
	B. A. III	16	14	UNIT - 1 <b>Nature of Logic</b> : A. Definition : Logic as a Formal Science of inference. B. Deductive and Inductive Inference C. Categorical Propositions.
	B.A. III	16	13	UNIT - 1 <b>Basवेश्वर</b> : A. Views on Bhakti and God B. Doctrine of Kayak - views on Pravrutti and Nivrutti C. Views on - Equality of Cast and gender.
	B.A.III	16	12	UNIT - 1 <b>Mahatma Jyotirao Phule</b> : A. Views on Education of Women and shudras B. Concept of Slavery C. Sarvajanic Satyadharma
September 2022	B.A. II	16	12	UNIT - 2 <b>Political Ideals with special reference to Indian Constitution</b> : A. Liberty, Equality and Justice B. Fundamental Rights and Duties C. Directive principles of State policy
	B.A.III	16	13	Unit - 2 <b>Symbolization of Proposition and Basic Truth Table.</b> A. Simple and Compound Propositions B. Symbolization of Propositional

				variable, propositional constants and propositional connectives. C. Basic Truth Tables of Negation, Conjunction, Disjunction, Implication and Evaluation.
	B.A.III	16	14	Unit - 2 <b>Kabir</b> : A. Views on nature of Ultimate Reality B. Concept of Guru, Distinction between Sadguru and Dharmguru C. Criticism of Traditional religion
	B.A.III	16	12	Unit - 2 <b>Mahatma Gandhi</b> : A. Views on Cast and Untouchability B. Concept of Truth and Non-Violence C. Satyagraha and Sarvodaya
October- 2022	B.A. II	16	13	UNIT - 3 <b>Political Ideologies</b> : A. Socialism : Karl Marx B. Democracy : Dr. B. R. Ambedkar C. Sarvodaya : Mahatma M. K. Gandhi
	B.A.III	16	14	Unit - 3 <b>Decision Procedure for testing the statement forms</b> : A. Truth Table Method B. Shorter Truth Table Method.
	B.A.III	16	13	Unit - 3 <b>Nanak</b> : A. Nature and Principles of Sikhism. B. Concept of Hukum and Bhay C. Concept of Bhakti and Sahaj
	B.A.III	16	12	Unit - 3 <b>Dr. Babasaheb Ambedkar</b> A. Criticism of Cast System B. Concept of Liberty, Equality and Fraternity C. Dhamma and Dharma
November - 2022	B.A. II	16	12	UNIT - 4 <b>Methods of Political Actions</b> A. Constitution B. Terrorism C. Satyagraha
	B.A.III	16	13	Unit - 4 <b>Formal Proof</b> : A. Rules of inference and rules of Replacement B. Method of direct proof, conditional proof and indirect proof.
	B.A.III	16	14	Unit - 4 <b>Saint Bahinabai</b> : A. Introduction of Saint Bahinabai B. Thoughts of Metaphysics C. Thoughts of Epistemology
	B.A.III	16	12	Unit - 4 <b>Yogi Aurobindo</b> A. Introduction of shree Aurobindo B. Integral Yoga C. Mind and Super mind
December	- B.A. II	16	--	Exam work / Internal work



2022	B.A.II	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
January - 2023	B.A. II	16	13	Unit - 1 <b>Social Philosophy :</b> A. The Nature And Scope B. Individual and Society C. It's relation to Sociology, Political science and Ethics.
	B.A.III	16	14	Unit - 1 <b>Quantificational Logic :</b> A. Quantification : Definition kinds of Quantification B. Singular and General proposition. Universal and Existential proposition
	B.A.III	16	15	UNIT - 1 <b>Dnyaneshwar :</b> A. Philosophical basis of Varkaripantha B. Reconciliation of Dnyanyoga, Bhaktiyoga and Karmayoga. C. significance of Psaydana
	B.A.III	16	12	UNIT - 1 <b>John Paul Sartre :</b> A. Sartre as Existentialist B. Being for itself, Being in Itself C. Concept of freedom and Bad faith
February - 2023	B.A. II	16	14	Unit - 2 <b>Social Institution :</b> A. Religion - It's role is social life B. Family -Joint and Nuclear C. Marriage instution - Companionate marriage, live in Relationship, Homosexual Marriage.
	B.A.III	16	13	Unit - 2 A. Rules of Quantification 1. UI 2. UG 3. EI 4. EG B. Formal proof of argument involving quantified propositions
	B.A.III	16	14	Unit - 2 <b>Tukaram :</b> A. concept of True dharmaand Criticism of Pakhand B. His growth from a commoner to sainthood C. Tuka Zalase Kalas - Culmination of varkari cult.
	B.A.III	16	12	Unit - 2 <b>A. J. Ayer :</b> A. Verifiability Principle B. A Priori and Analytic Propositions C. Approach to Metaphysics
March - 2023	B.A. II	16	14	Unit - 3 <b>Social change and Progress :</b> A. Defination and Nature of Social Change B. Concept of social change and Progress

				C. Criteria of social change and progress
	B.A.III	16	14	Unit - 3 <b>Multiply general proposition and revised rules of Quantification.</b> A. Singly General and Multiple General proposition. B. Free and Bound variables, symbolizing multiply general proposition
	B.A.III	16	14	Unit - 3 <b>Ramdas :</b> A. Prapanch and Parmartha B. Vivekvada C. Prayatnavada
	B.A.III	16	12	Unit - 3 <b>Wittgenstein :</b> A. Wittgenstein's Philosophy B. Picture theory of Meaning C. Language Game
April - 2023	B.A. II	16	13	Unit - 4 <b>Social Problems :</b> A. Gender Equality B. Current Issues of Media / use of media / social Networking C. Corruption
	B.A.III	16	14	Unit-4 <b>The rule of quantifier Negation</b> A. Logical truths. rules of quantifier negation B. Demonstration of Logical Truths involving quantifiers.
	B.A.III	16	15	Unit - 4 <b>Gadage Maharaj</b> A. Method of dialogue and keertan B. Social views on Cleanliness of villages, Addiction, independence, social inequality illiteracy and dowry. C. Views on God worship and Irradiation of blind faith
	B.A.III	16	11	Unit - 4 <b>B. Russell :</b> A. Kinds of Knowledge B. Logical Atomism C. Value of Philosophy
May - 2023	B.A. II	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
	B.A.III	16	--	Exam work / Internal work
June - 2023				

**Annual Teaching plan for academic year- 2022-23**

Name of Teacher: Dr.Bhongale S.B.

Department: Philosophy

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
June 2022	BA I	16	--	Admission
	BAII	16	--	Admission
	BA II	16	--	Admission
	BAIII	32	--	Admission
July 2022	BA I	16	08	Chapter-1. Introduction to Philosophy
	BAII	16	08	What is Ethics, The Nature and Scope of Ethics
	BAII(Logic)	16	--	Exam Work
	BA III	32	04	1.Vedic and Upanisadic Philosophy 1. A. Concept of god on Vedic culture – Polytheism 2. Spinoza – A. Theory of Knowledge B. Doctrine of Substance, Attributes and Modes C. Concept of God Pantheism
August 22	BA I	16	15	<b>Introduction of Philosophy</b> 1.1 Definitions of Philosophy. Nature and scope of Philosophy 1.2 Common characteristics of Indian Philosophy. 1.3 Veda, upnisad, Classification of Darshan
	BAII	16	11	b)Relation between Philosophy and Ethics c)The notion of Right and Good
	BAII	16	12	1. Nature and scope of Logic A) Kinds of knowledge, Definition and of Logic B) Deductive and Inductive Inference C) Proposition, Terms ,Lows of thought



	BA III	32	12	<ol style="list-style-type: none"> <li>1. Bhagavadgita               <ol style="list-style-type: none"> <li>A. Nature and purpose of gita</li> <li>B. Ways of Moksha – Karma ,Dnyan, Moksha</li> <li>C. Sthitpradnya</li> </ol> </li> <li>3. Leibnitz-               <ol style="list-style-type: none"> <li>A. Theory of Monads</li> <li>B. Doctrine of pre-established harmony</li> <li>C. Argument for the existence of God</li> </ol> </li> </ol>
Sept-2022	BA I	16	16	UNIT II:Charvaka Darshana 1.1 Materialism 1.2 Theory of Knowledge 1.3 Ethical views on Charvaka
	BA II	16	16	2) Pre Indian Ethics <ol style="list-style-type: none"> <li>a) Dharma- meaning definition and classification</li> <li>b) Theory of Karma</li> <li>c) Concept of Purushartha</li> </ol>
	BA II	16	16	2. Classification of Propositions <ol style="list-style-type: none"> <li>A) Categorical Proposition</li> <li>B) Conditional Proposition</li> <li>C) Distribution of Terms of A E I O</li> </ol>
	BA III	32	30	<ol style="list-style-type: none"> <li>2. Nyaya Darshana               <ol style="list-style-type: none"> <li>A. Concept of Pramana</li> <li>B. Hetvabhas</li> <li>C. Concept of Moksha</li> </ol> </li> <li>4. Hhume-               <ol style="list-style-type: none"> <li>A. Objects of Human Knowledge</li> <li>B. Theory of Causation</li> <li>C. Skepticism</li> </ol> </li> </ol>
Oct- 2022	BA I	16	08	UNITIII: Jain Darshana. Nature and Principle of Ahimsa Anekantvad: Nayvad and Syadvad Jain Metaphysics: Jiva and Ajiva
	BA II	16	08	Some Indian Ethical Theories <ol style="list-style-type: none"> <li>a) Gandhian Ethics- Ahimsa, Satya , Asteya , Brahmacharya &amp;Aparigraha</li> <li>b) Yoga Ethics- Yam&amp;Niyam</li> <li>c) Jaina Ethics- Anuvratas &amp; Mahavratas ,Triratna, Sallekhana</li> </ol>
	BA II	16	08	A) Mixed Hypothetical syllogism- Rules, kinds and fallacies
	BA III	32	16	<ol style="list-style-type: none"> <li>3. Vaisheshik Darshana               <ol style="list-style-type: none"> <li>A. Nature of Vaisheshik Philosophy</li> </ol> </li> </ol>

				B. Concept of Padarthas C. Theory of Atomism 5. Kant- A. Critical Philosophy B. A priory synthetic Propositions C. A moral Theory- Gita and Duty for Duty sack
Nov-2022	BA I	16	15	UNIT IV Buddhism 3.1 Four Noble Truths 3.2. Asthangmarg 3.3. Concept of Nirvana
	BA II	16	15	Yoga Ethics- Yam & Niyam Jaina Ethics- Anuvratas & Mahavratas ,Triratna, Sallekhana
	BA II	16	12	3. Immediate Inference A) Opposition of Propositions 4. Deduction- Conversion and Obversion Mediate Inference B) Categorical syllogism – Nature, General Rules, Figures and moods C) Mixed Hypothetical syllogism- Rules, kinds and fallacies
	BA III	32	12	A. Concept of Padarthas B. Theory of Atomism Internal work
Dec-2022	BA I	16	10	Exam work / Internal work
	BA II	16	10	Exam work / Internal work
	BA II	16	06	Exam work / Internal work
	BA III	32	08	Exam work / Internal work
Jan-2023	BA I	16	08	UNIT I: Socrates 1.1. Pre- Socratic Philosophy( sophist) 1.2. Method of Socrates 1.3. Moral views of Socrates
	BA II	16	08	1. End based Ethics A. Hedonism –Egoistic & Universalistic B. Utilitarianism – Bentham C. Utilitarianism- Mill
	BA II	16	08	5. Nature and scope of Logic D) Kinds of knowledge, Definition and of Logic E) Deductive and Inductive Inference F) Proposition, Terms ,Laws

				of thought
	BA III	32	16	1. Samkhya Darshna- A. The Nature of Prakriti and Purusa B. Evaluation of Prakriti C. Theory of Causation (Satkaryavada)
Feb-2023	BA I	16		UNIT II: Plato 2.1. Plato- Allegory of the cave 2.2. Plato's Doctrine of Ideas 2.3. Plato's Theory of Knowledge
	BA II	16		
	BA II	16		1) Grounds of Induction A) Principles of Causality and Uniformity of Nature B) Observation- Characteristics , Fallacies C) Experiment- Nature , Merits and Demerits
	BA III	32		2. Yoga Darshana- A. Relation between Samkhya-Yoga Darshana B. Ashthang Yoga C. Importance of Yoga
March-2023	BA I	16		UNIT III: Philosophy of Aristotle 3.1. Theory of Causation 3.2. Doctrine of Form & Matter 3.3.Views on God
	BA II	16		
	BA II	16		Hypothesis A) Definition, Nature and importance of Hypothesis B) Conditions of valid Hypothesis C) Verification and Proof of Hypothesis
	BA III	32		3. Advait Vedant A. Nature of Brahman B. Mayavad and SattatraySidhant C. Nature of Moksha
April -	BA I	16	06	UNIT IV: Philosophy of Rene Descartes 4.1.Descartes Philosophy Rationalism



2023				4.2.Method of Doubt and Cogito Ergo Sum 4.3. Mind and Body Relation(Dualism)
	BA II	12	06	Revision / Internal
	BA II	16	07	Laws of Nature and Explanation A) Meaning and Types of Laws and Principles B) Laws of Nature C) Scientific Explanation- Kinds of scientific explanation
	BA III	16	09	4. Vishisthadvait Darshan A. Chit, Achit and Eshwer B. The meaning of "Tattvamasi" C. Criticism of Kevaladvait Revision / Internal

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

**Rayat Shikshan Sanstha's,  
Sadguru Gadage Maharaj College, Karad (An Autonomous)**

**Annual Teaching plan for academic year 2022-23**

**Name of Teacher: Dr. Patil K. N.**

**Department: Psychology**

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
July	B.A. I			Admission
	B.A.II			Admission
	B.A.III			Admission
	M.A.II			Admission
August	B.A. I	16	14	<b>Module I:</b> Introduction of Psychology 1.1 Definition of Psychology 1.2 Psychologists at Work 1.3. Today's Perspectives 1.4 Conducting Psychological Research a) Survey Research b) The Case Study c) Experimental Research
	B. A. II	16	14	<b>Child Psychology</b> <b>Module 1:-Beginnings</b> 1.1 Genetic Foundation of Development 1.2 Prenatal Development
	B.A. III	16	15	<b>Module-I. Psychopathology: An Overview</b> 1.1. Indicators of Abnormality 1.2. Criteria of Abnormality 1.3. Classification and Diagnosis 1.4. How common are Mental Disorders
	M.A. II	16	12	<b>PSYCHOLOGICAL TESTING IN COUNSELLING PSYCHOLOGY</b> <b>Module 1.Introduction</b> 1.1 Nature of psychological assessment 1.2 Interview 1.3 Observation 1.4 Ethical Issues in psychological testing and assessment
September	B.A. I	16	15	<b>Module II:</b> Behaviour of Basis 2.1 Neurons 2.2 The Nervous System 2.3 The Endocrine System 2.4 The Brain
	B.A.II	16	14	<b>Module II:- Infancy</b> 2.1 Physical Growth and development in infancy 2.2 Motor Development

				2.3 Cognitive Development Piaget's theory of Infant Development
	B.A.III	16	14	<b>Module-II. Perspective of Psychopathology</b> 2.1. The biological perspective 2.2. The Freud's Psychoanalytic Perspective 2.3. The Behavioural perspective
	M.A.II	16	12	<b>Module 2. Assessment of Development</b> 2.1 Nature of development 2.2 Vineland Social Maturity Scale (VSMS) 2.3 Nancy – Bailey Scales of Development (BINS)
October	B.A. I	16	14	<b>Module III: Motivation and Emotions</b> 3.1 Nature and Definition of Motivation: 3.2 Human Needs and Motivation 3.3 Understanding Emotional Experiences a) The Functions of Emotion b) The Roots of Emotions
	B.A.II	16	14	<b>Module III- Early Childhood</b> 3.1 Physical Changes 3.2 Cognitive Changes 3.3 Emotional and Personality Development
	B.A.III	16	13	<b>Module –III. Anxiety &amp; Personality Disorder</b> 3.1. Anxiety Disorder 3.2. Cluster A- personality disorder 3.3. Cluster B- personality disorder 3.4. Cluster C – personality disorder
	M.A.II	16	14	<b>Module 3. Assessment of Intelligence</b> 3.1 Nature and theories of intelligence 3.2 Wechsler's Series of Intelligence: a) WPPSI b) WISC c) WAIS 3.3 Raven's Progressive Matrices a) S.P.M. b) C.P.M. c) A.P.M. 3.4 Cattell's Culture Fair Test of Intelligence Scale I II and III
November	B.A. I	16	14	<b>Module IV: Sensation and Perception</b> 4.1 Nature and Definition of Sensation 4.2 Perception 4.3 Gestalt laws of Organization 4.4 Illusion :definition of Illusion
	B.A.II	16	14	<b>Module IV- Middle and Late Childhood</b> 4.1 Physical Changes and Health




				4.2 Cognitive Changes 4.3 Socio-emotional development
	B.A.III	16	14	<b>Module IV: Mood Disorder and Suicide</b> 4.1. Unipolar Depressive Disorder 4.2. Bipolar and Related Disorders 4.3. Treatments of Mood Disorders 4.4. Suicide
	M.A.II	16	14	<b>Module 4. Assessment of Aptitude</b> 1.1 Nature of aptitude 1.2 D. A.T. 1.3 Revised Minnesota Paper Form Board Test (RMFBT) 1.4 Scholastic Aptitude Test (SAT) 1.5 G. R. E. 1.6 Chatterji's Non-language Preference Record (CNLPR)
December	B.A. I			Sem.1,3,5, (BA) 1,3 (MA) Exam
	B.A.II			Sem.1,3,5, (BA) 1,3 (MA) Exam
	B.A.III			Sem.1,3,5, (BA) 1,3 (MA) Exam
	M.A.II			Sem.1,3,5, (BA) 1,3 (MA) Exam
January	B.A. I	16	13	<b>Module I:-Learning</b> 1.1. Definition of learning 1.2. Classical Conditioning 1.3 Operant Conditioning a) Thorndike's Law of Effect 1.4. Observational Learning
	B.A.II	16	14	<b>Developmental Psychology</b> <b>Module 1 – Adolescence</b> 1.1 Physical Changes 1.2 Cognitive Development 1.3 Socio-emotional Development
	B.A.III	16	15	<b>Module 1: An Introduction to Lifespan Development</b> 1.1 An orientation of life span development 1.2 Research Methods 1.3 Earliest Development 1.4 Prenatal Growth and Change
	M.A.II	16	12	<b>ASSESSMENT TECHNIQUES IN COUNSELLING PSYCHOLOGY SEMESTER-IV (PAPER XIV)</b> <b>Module 1. Assessment of Personality</b> 1.1 Types of personality assessment 1.2 Historical background of personality testing 1.3 Cattell's Personality Questionnaires a) CPQ b) HSPQ c) 16 PF

				1.4 EPQ – R 1.5 NEO – PI-R
February	B.A. I	16	14	<b>Module II: Memory and Forgetting</b> 2.1 The Foundations of memory 2.2 Long-Term Memory 2.3. Forgetting
	B.A.II	16	14	<b>Module II: Early Adulthood</b> 2.1 The Transmission from Adolescence to Adulthood 2.2 Cognitive Development and Career 2.3 Socio-emotional development
	B.A.III	16	14	<b>Module 2: Infancy and Childhood</b> 2.1 Developing the Roots of Sociability 2.2 Intellectual Development 2.3 The Developing Self
	M.A.II	16	12	<b>Module 2. Projective Techniques</b> 2.1 Nature of Projective Techniques 2.2 Rosenzweig Picture- Frustration Study (RPFS) 2.3 Indian adaption of projective tests a) CAT b) TAT 2.4 Rotter's Sentence Completion Test (RSCT)
March	B.A. I	16	14	<b>Module III: Personality</b> 3.1 Definition of Personality 3.2 Psychodynamic Approaches to Personality 3.3 Trait Approaches 3.4 Assessing Personality
	B.A.II	16	14	<b>Module III Middle Adulthood</b> 3.1 Physical Development 3.2 Cognitive Development 3.3 Socio Emotional Development
	B.A.III	16	14	<b>Module 3: Adolescence</b> 3.1 Identity: Asking "Who Am I?" 3.2 Relationships: Family and Friends 3.3 Dating and Sexual Behavior
	M.A.II	16	12	<b>Module 3. Individual Tests</b> 3.1 Kaufman Assessment Battery for Children (K-ABC) 3.2 Kaufman Adolescent and Adult Intelligence Test (KAIT) 3.3 Kaufman Brief Intelligence Test (K-BIT) 3.4 Draw a Man Test

April	B.A. I	16	13	<b>Module IV: Intelligence</b> 4.1 Nature and Definition of intelligence 4.2 Theories of Intelligence 4.3 Emotional Intelligence 4.4. Assessing Intelligence 4.5. Intellectual Disabilities: Mental Retardation 4.6. The Intellectually Gifted
	B.A.II	16	14	<b>Module IV Late Adulthood</b> 4.1 Physical Development 4.2 Cognitive Development 4.3 Socio Emotional Development
	B.A.III	16	15	<b>Module 4: Adulthood</b> 4.1 Choosing a Career 4.2 Health 4.3 Personality Development
	M.A.II	16	14	<b>Module 4. Computerized Test Administration &amp; Interpretation</b> 4.1 Use of computers in Testing 4.2 Computerized Test Administration 4.3 Computerized Adaptive Testing 4.4 Computer based Test Interpretation
May	B.A. I			Exam
	B.A.II			Exam
	B.A.III			Exam
	M.A.II			Exam
June				

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

  
**HEAD**  
 Department of Psychology  
 S.G.M. College, Karad



**Rayat Shikshan Sanstha's,  
Sadguru Gadage Maharaj College, Karad (An Autonomous)**

**Annual Teaching plan for academic year 2022-23**

**Name of Teacher: Mrs. Chavan M.M.**

**Department: Psychology**

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
July	B.A. II			Admission
	B.A.III			Admission
	M.A.I			Admission
	M.A.II			Admission
August	B.A. II	16	16	<b>Module I: Self Direction in a Changing World</b> 1.1 Social Change A) Living in a Technological World B) Living with other Social Changes 1.2 The Challenge of Self-Direction A) Self-Direction and Society B) Positive Psychology and the Humanistic Perspective C) Living in Today's Individualistic Society 1.3. Themes of Personal Growth A) Living with Contradictions and Uncertainty B) Continuity and Change C) The Experience of personal Growth
	B. A. III	16	16	<b>CROSS-CULTURAL PSYCHOLOGY</b> <b>MODULE I :Introduction to Cross-cultural Psychology and key concepts</b> 1.1. Charles Darwin and the age-old search for cultural universals. 1.2. Introducing cross-cultural psychology. 1.3. Later trends: Cross-cultural psychology or cultural psychology? 1.4. The dynamic process of cultural transmission. 1.5. Culture and individual levels of analysis.
	B. A. III	16	16	<b>CURRENT TRENDS IN PSYCHOLOGY</b> <b>MODULE I: Health Psychology: Health-Risk Behaviour</b> 1.1. What is Health Behaviour? 1.2. Smoking, Drinking and Illicit Drug Use 1.3. Unprotected Sexual Behaviour 1.4. Obesity
	M.A. I			Admission

	M.A. II	16	16	<b>INTRODUCTION TO COUNSELLING PSYCHOLOGY.</b> <b>Module I – Introduction to Counselling psychology.</b> 1.1 Nature and definition of Counselling 1.2 Goals of Counselling. 1.3 Counselling as a helping profession 1.4 The professional counsellor. 1.5 Professional and ethical issues in counselling.
September	B.A. II	16	15	<b>Module II: Towards Better Health</b> 2.1 Body Image A) How We Feel About Our Bodies B) Media and Body Image C) Our Ideal Body 2.2 Health and the Mind- Body Relationship. A) The Immune System B) Personality C) Life Style Choices 2.3 Promoting Wellness A) Taking Charge of your Own Health B) Eating Sensibly C) Keeping Physically fit D) Finding Social Support.
	B.A.III	16	16	<b>MODULE II: Culture, Cognition and intellect : Thinking through cultures</b> 2.1. Does culture change the way we think? 2.2. Culture and visual perception. a. Culture, visual illusions and the Torres Straits expeditions. b. Optical illusions and carpentered worlds. c. Pictorial perception and culture. 2.3. Culture and intelligence. a. What is measured by intelligence tests? b. Indigenous intelligence. c. Everyday intelligence. 2.4. Culture and cognitive style.
	B. A. III	16	16	<b>MODULE II : Criminal Psychology: Origins of Criminal Behaviour and Developmental RiskFactors</b> 2.1. Social Risk Factors: A) Peer Rejection and Association with Antisocial Peers 2.2. Parental and Family Risk Factors A) Parental Styles and Practices B) Parental Monitoring C) Parental Psychopathology 2.3. Psychological Risk Factors A) Lack of Attachment B) Lack of Empathy C) Attention Deficit Hyperactivity Disorder and ADHD - Criminal Behaviour link D) Conduct Disorder E) Oppositional Defiant Disorder.

	M.A.I	16	16	<b>Practicum -1</b> <b>1) Group Testing -</b>
	M.A.II	16	16	<b>Module- II Helping people to deal with everyday problems</b> 2.1 Dealing with everyday problems in childhood. 2.2 Dealing with everyday problems in Adolescence. 2.3 Dealing with everyday problems in Young Adults. 2.4 Dealing with everyday problems in Older people.
October	B.A. II	16	16	<b>Module III: Stress</b> 3.1 Understanding Stress A) Conceptualizing Stress B) Major Causes of Stress C) Stress in College 3.2 Reactions to Stress A) Physiological Stress Reactions B) Psychological Stress Reactions C) How Do You React to Stress 3.3 Managing Stress A) Modifying Your Environment B) Altering Your Lifestyle C) Using Stress for Personal Growth
	B.A.III	16	16	<b>MODULE III: Culture, social cognition and social influence: Social psychology across cultures</b> 3.1. Culture and self-construal. 3.2. Culture and attribution bias. A)Is self-serving attribution bias culturally universal? B) Limitations of attribution bias research. 3.3. Culture, love and intimate relationships. A)Are we all looking for the same thing? B) Is beauty more than culture deep? C) Is love necessarily romantic the world over? 3.4. Culture: Prejudice and influence. A) Culture and prejudice. B) Culture and social influence.
	B. A. III	16	16	<b>MODULE III: Cyber Psychology –I:Digital Usage, Cyber bullying, Gaming and Gambling</b> 3.1. Children's and teens' use of digital technologies A) Internet usage B) Digital technologies: Harmful or empowering for young people? C) Illegal content and illegal activities 3.2. Cyber bullying and cyber-harassment A) Scams, Children and Teens 3.3. Activism A) Radicalization 3.4. Online Gaming and Gambling A) Internet addiction B) Internet Gaming addiction C) Aggressive video games



				D) Games for learning
	M.A.I	16	16	<b>2) Case Studies -</b>
	M.A.II	16	16	<b>Module –III Counselling for special children.</b> 3.1 Learning disabilities. (LD) 3.2 Emotional disturbed. (ED) 3.3 Talented or gifted children. 3.4 Socially disadvantaged. (SD) 3.5 ADHD and Autism.
November	B.A. II	16	16	<b>Module IV: Seeking Selfhood</b> 4.1 What is Self –Concept A) The Components of the self B) Self-Image C) Ideal -Self D) Social- Self 4.2 Core Characteristics of Self –Concept A) Self –Consistency B) Self –Esteem C)Self –Enhancement and Self Verification 4.3 TheSelf –Concept and Personal Growth A) The Self You’d Like to Be B) Learning from Criticism C) Greater Self - Direction
	B.A.III	16	16	<b>MODULE IV: Culture and Abnormality</b> 4.1.Culture, abnormality and psychopathology A) The debate between Universalists and relativists 4.2. Universalism, relativism and Schizophrenia A) Universalism, relativism and culture-bound syndromes 4.3. Culture, psychotherapy and healing A)Factors influencing the effectiveness of psychotherapy across cultures 1. Conceptual factors: ideas about health and illness 2. Interpersonal factors: at the client–therapist interface 3. Material factors: access to treatment 4. Indigenous therapies 4.4.Recent developments in culture and psychotherapy: Multiculturalism, globalization and Healing
	B. A. III	16	16	<b>MODULE IV: Cyber Psychology - II: Online Crimes (Scams, Fraud and Illegal Downloads)</b> 4.1. Phishing and Vishing A) Why are people tricked by phishing? 4.2. Mass-Marketing Fraud A) Cognitive and Motivational Errors B) What type of person tends to be susceptible to Mass-Marketing Fraud (MMF)? 4.3. Stages involved in the online dating romance scam 4.4. Illegal downloads.

December	M.A.I	16	16	1) Case Number -1 ( Child ) 2) Case Number -2 ( Adult )
	M.A.II	16	16	<b>Module –IV Areas of applications.</b> 4.1 School counselling. 4.2 Career counselling. 4.3 Family counselling. 4.4 Old age counselling. 4.5 Rehabilitation counselling.
	B.A. II	16	16	<b>Exam</b>
	B.A.III	16	16	<b>Exam</b>
	B. A. III	16	16	<b>Exam</b>
January	M.A.I	16	16	<b>Internal assignment work.</b>
	M.A.II	16	16	<b>Exam</b>
	B.A. II	16	16	<b>Module I:-Taking Change.</b> 1.1. Personal Control A) Explaining Perceived Control B) The Benefits of Perceived Control C) Misperception and Maladjustment D) Learned Optimism E) Defensive Pessimism 1.2 Decision Making A) The Process of Decisions making. B) Critical Elements in Decision Making C) Post-Decision Regret D) Making Better Decisions 1.3 Decisions and Personal Growth A) Making New Decisions B) Some Practical Applications
	B.A.III	16	16	<b>COUNSELLING PSYCHOLOGY MODULE I : Introduction and Professional Aspects of Counselling</b> 1.1 Introduction A)Definition of Counselling B)Guidance C)Psychotherapy 1.2 Current Trends in 21st Century A. Dealing with Violence, Trauma and Crises B. The Challenge of Managed Care C. Promoting Wellness D. Concern for Social Justice and Advocacy E. Greater Emphasis on Technology 1.3 Professional Aspects of Counselling A. Inspection B. Registration C. Certification

				D) Licensing
	B. A. III	16	16	<b>ORGANIZATIONAL BEHAVIOR</b> <b>Module I : Organizational Behaviour (OB)</b> 1.1. Importance of Interpersonal Skills 1.2. What managers do? A) Management functions and roles B) Management skills C) Effective versus successful managerial activities 1.2. Challenges and opportunities for OB A) Responding to Globalization B) Improving people's skills C) Stimulating innovation and change D) Helping employees balance work-life conflicts E) Creating a positive work environment
	M.A.I	16	16	<b>Exam</b>
	M.A.II	16	16	<b>COUNSELLING SKILLS FOR COUNSELLORS.</b> <b>SEMESTER-IV (PAPER XV)</b> <b>Module I : Nature of Counselling.</b> 1.1 Definition and Significance. 1.2 Counselling as a specialist professional role. 1.3 Basic principles of embedded counselling unit.
February	B.A. II	16	14	<b>Module II: Making and Keeping friends</b> 2.1 Meeting People A) Are First Impressions Most Important B) Factors that Influence First Impressions C) Mistaken Impressions 2.2 Keeping friends A) When Friends Get Together ? B) Self – disclosure – Those Little Secrets C) Gender Differences in Friendship D) Staying Friends 2.3 When It's Hard to Make Friends? A) Shyness B) Loneliness
	B.A.III	16	15	<b>MODULE: II Career Counseling</b> 2.1 The Importance and Scope of Career Counselling A) Important Aspects of Career Counselling B) The Scope of Career Counseling and Careers 2.2 Career Development Theories and Counselling A) Trait-and-Factor Theory B) Developmental Theories C) Social-Cognitive Career Theory 2.3 Career Counseling with Diverse Populations A) Career Counselling with Children B) Career Counselling with Adolescents C) Career Counselling with College Students



	B. A. III	16	15	<b>Module II : The Individual</b> 2.1. Personality A) What is personality? B) The Myer-Briggs Type Indicator C) The Big Five Personality Model 2.2. Attitudes and Job Satisfaction A) What are the major Components of Attitudes? B) What are the major job attitudes? C) Measuring Job Satisfaction, How Satisfied are people in their Jobs? What Causes Job Satisfaction? D) The Impact of Satisfied and Dissatisfied Employees on the Workplace? E) 2.3. Leadership A) What is Leadership: Trait Theories? B) Behavioral Theories C) Contingency Theories. D) Charismatic Leadership and Transformational Leadership
	M.A.I	16	16	<b>Practicum -2</b> <b>1) Field Visit and Report Writing.</b>
	M.A.II	16	16	<b>Module II Counselling Menu and Setting the Scene.</b> 2.1 Clarifying person's goals. 2.2 Methods of Counselling. 2.3 Personal readiness and organizational groundwork. 2.4 Building personal and professional support network.
March	B.A. II	16	15	<b>Module III: Love and Commitment</b> 3.1 Love is a Many Splendored Thing A) The Many Definitions of Love B) Love and Friendship C) Love and Attachment 3.2 Finding Love A) Online Dating B) The importance of Self- disclosure 3.3 Marriage and other Committed Relationships A) Cohabitation B) Marriage 3.4 Adjustment to Intimate Relationships A) Attitude Adjustment B) Sharing Responsibilities C) Communication and Conflict D) Making the Relationships Better E) Sexuality
	B.A.III	16	16	<b>MODULE III : Professional School Counselling</b> 3.1 The ASCA Model A) The ASCA Model Areas B) School Counsellors Various Levels 3.2 Elementary School Counselling A) Emphases and Roles B) Activities C) Prevention

				3.3 MiddleSchoolCounselling A) EmphasesandRoles B) Activities C) Prevention 3.4 SecondarySchoolCounselling A) EmphasesandRoles B) Activities C) Prevention
	B. A. III	16	15	<b>Module III: Foundations of Group Behaviour</b> 3.1. Defining and classifying groups 3.2. Stages of Group Development: Five-Stage model 3.3. Group properties A) Roles and Norms B) Cohesiveness and Diversity 3.4. Group Decision Making A) Group versus Individual B) Group Decision Making Techniques
	M.A.I	16	16	<b>2) Movie Review and Report Writing</b>
	M.A.II	16	16	<b>Module III: Counselling Space and Collaborative Working.</b> 3.1 Counselling space, trust, confidentiality. 3.2 Opening and closing counselling space. 3.3 Building safe relationships. 3.4 Working collaboratively.
April	B.A. II	16	16	<b>Module IV: If You go for help</b> 4.1 Psychotherapy A) Gender differences in adulthood B) Cultural Issues C) Applying it to Yourself 4.2 Insight Therapies A) Psychoanalysis B) Person- centered Approach 4.3 Cognitive and Behavioural Therapies A) Behavioural Therapies B) Cognitive Therapies C) Cognitive - Behavioural Therapies
	B.A.III	16	16	<b>MODULEIV:CollegeCounsellingandStudent-LifeServices</b> 4.1TheBeginningofStudent-Life-ServicesandCollegeCounselling 4.2TheTheoreticalBasesandProfessionalPreparationforWorking With College Students A) TheoreticalBases B) ProfessionalPreparation 4.3 CollegeCounselling A) EmphasesandRoles B) Activities 4.4 Counselling and Student-Life Services with First-Year, Graduate Students

				And Non-traditional Students. A) First-Year Students B) Graduate Students C) Older Students D) First-Generation Students E) Student Athletes
	B.A.III	16	16	<b>Module IV : Organizational Change</b> 4.1. Forces for Change and planned change 4.2. Resistance to change 4.3. Approaches to manage organizational change A) Lewin's three-step model B) Kotter's Eight-step plan for implementing change 4.4. Creating a culture for change A) Stimulating a culture of innovation B) Creating a learning organization
	M.A.I	16	16	<b>2) Book Review and Report Writing</b>
	M.A.II	16	16	<b>Module 4. Effective Conversations and Methods of Dealing.</b> 4.1 Emphatic engagement. 4.2 Discursive positioning. 4.3 Narrative perspective on behavioral change. 4.4 Dealing with difficult situation.
May	B.A. II			<b>Exam</b>
	B.A.III			<b>Exam</b>
	B.A.III			<b>Exam</b>
	M.A.I			<b>Internal assignment work. Exam</b>
	M.A.II			<b>Exam</b>
June				

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

*K. R. Patil*  
**HEAD**  
 Department of Psychology  
 S.G.M. College, Karad



**Rayat Shikshan Sanstha's,  
Sadguru Gadage Maharaj College, Karad (An Autonomous)**

**Annual Teaching plan for academic year 2022-23**

**Name of Teacher: Waghmare P.B.**

**Department: Psychology**

Month	Class	Period Allotted	No. of Periods Taken	Topic/Unit/Point Planned
July	B.A. I			Admission
	B.A.III			Admission
	B.A.III			Admission
	M.A.I			Admission
	M.A.II			Admission
August	B.A. I	16	12	<b>Scientific Method-1</b> <b>Module: 1 Nature of Science</b> 1.1 Definition and Characteristics of Science 1.2 Common-sense and Science Classification of Sciences 1.3 Natural and social Sciences 1.4 Positive and Normative Sciences
	B. A. III	16	13	<b>COGNITIVE PSYCHOLOGY</b> <b>Module-I. Approaches to Human Cognition</b> 1.1. Introduction 1.2. Cognitive Psychology 1.3. Cognitive Neuropsychology 1.4. The Cognitive Neuroscience: The Brain in Action 1.5. Computational Cognitive Science
	B.A. III	16	13	<b>PRACTICAL (EXPERIMENTS)</b>
	M.A. I	16	10	<b>Subject: - Applied Psychology</b> <b>Module:-1 Counselling Psychology</b> 1.1)Development of Theories of Counselling and Psychotherapy. 1.2)Clint and Clinician Diversity 1.3)The Therapeutic alliance 1.4)Clinician Skills, Training and Experience

	M.A. II			<b>Project-</b> A) Personality Inventory
September	B.A. I	16	12	<b>Module: 2 Postulates of Science</b> 2.1 Nature of Postulates 2.2 Uniformity of Nature 2.3 Principle of Causality 2.4 Objectivity
	B.A.III	16	13	<b>Module-II. Visual Perception and Attention</b> 2.1. Basic Process in Visual Perception a) Vision and the Brain b) Depth Perception 2.2 Object and Face Recognition a) Pattern Recognition b) Perceptual Organization 2.3. Attention and Performance a) Focused Auditory Attention b) Focused Visual Attention c) Divided Attention: Dual Task Performance
	B.A.III	16	14	
	M.A.I	16	12	<b>Module:-2 Sexual Abuse of Children and Youth</b> 2.1) Prevalence of Child sex Abuse 2.2) Characteristics Psychological Effects of Child Sexual Victimization 2.3) Types of Sexual Contact 2.4) Sex trafficking
	M.A.II			<b>Project-</b> B) Interest Inventor
October	B.A. I	16	13	<b>Module: 3 Scientific Investigation</b> 3.1 Stages of Scientific investigation 3.2 Nature and Characteristics of Scientific observation 3.3 Fallacies of observation 3.4 Merits and demerits of observation and Experiment
	B.A.III	16	14	<b>Module-III. Memory</b> 3.1. Learning Memory a) Architecture of Memory b) Working Memory and Capacity i) Working Memory ii) Working Memory Capacity 3.2. Long Term Memory System

				a) Declarative Memory i) Semantic Memory ii) Episodic Memory b) Non-declarative Memory i) Priming Memory ii) Procedural Memory
	B.A.III	16	13	
	M.A.I	16	12	<b>Module:-3 Forensic Psychology</b> 3.1) Definition and Nature of Forensic Psychology 3.2) Psychology and Criminal Law 3.3) Child Abuse 3.4) Certification in Forensic Psychology
	M.A.II			<b>Project-</b> C) GMAT
November	B.A. I	16	12	<b>Module: 4 Techniques of Social Research</b> 4.1 Nature of Social Research 4.2 Survey 4.3 Questionnaire 4.4 Interview
	B.A.III	16	13	<b>Module-IV. Thinking , Reasoning , Problem Solving &amp; Expertise</b> 4.1. Problem Solving a) Introduction b) Gestalt Approach: insight and role experience c) Problem Solving Strategies d) Analogical Problem Solving 4.2. Expertise a) Chess- Playing Expertise b) Medical Expertise c) Brain Plasticity d) Deliberate Practice 4.3. Decision Making a) Decision Making Under Risk b) Decision Making: Emotional & Social Factors c) Complex Decision Making 4.4. Reasoning & Hypothesis Testing a) Hypothesis Testing b) Deductive Reasoning



				c) Theories of Deductive Reasoning
	B.A.III	16	14	
	M.A.I	16	12	<b>Module: - 4 Behavioural Assessment</b> 4.1) Behavioural Assessment Conceptual Basis 4.2) Traditional Approaches to Assessment 4.3) Features of Behavioural Assessment 4.4) Functional Analysis
	M.A.II			<b>2. Case Studies:</b> Case Number 1 Case Number 2
December	B.A. I	16		Sem.1,3,5, (BA) 1,3 (MA) Exam
	B.A.II	16		Sem.1,3,5, (BA) 1,3 (MA) Exam
	B.A.III	16		Sem.1,3,5, (BA) 1,3 (MA) Exam
	M.A.II	16		Sem1,3,5, (BA) 1,3 (MA) Exam
January	B.A. I	16	13	<b>Scientific Method-2</b> <b>Module: 1 Hypothesis</b> 1.1 Definition and nature of hypothesis 1.2 Conditions of valid hypothesis 1.3 Verification 1.4 Proof of hypothesis
	B.A.III	16	14	<b>Psychological Testing</b> <b>Module 1: The nature and uses of psychological testing</b> 1.1 Definition of a test 1.2 Types of tests 1.3 Uses of testing 1.4 Influence of the Examiner
	B.A.III	16	15	<b>PRACTICAL (PSYCHOLOGICAL TESTS)</b> 1. Interest Inventory 2. Attitude Scale
	M.A.I	16	12	<b>Module 1. Basic Ideas in Statistics</b> 1.1. Introduction

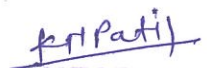
				1.2. Meaning and Nature of Statistics 1.3. Aim and Applications of Statistics as Science 1.4. Classification of Statistical Procedures
	M.A.II			<b>1. Training Programme:</b> The conceptual framework of selected problem/area; Review of theories, researches and previous training programmes carried out; Characteristics of Target Group; Conductance of Need Analysis; Design of Components of Training Programme; Use of Methods, Techniques and Tools and their description; Time Schedule of Programme
February	B.A. I	16	14	<b>Module: 2 Laws and Scientific Explanation</b> 2.1 Meaning of Law and Kinds of Laws 2.2 Kinds of Laws of Nature 2.3 Nature of Scientific Explanation 2.4 Definition and Kinds of Explanation
	B.A.III	16	13	<b>Module 2: Reliability and Validity: Basic concepts</b> 2.1 Reliability a) Meaning of Reliability b) Types of Reliability i. Test -Retest Reliability ii. Alternate- Form Reliability iii. Split-Half Reliability iv. Scorer Reliability 2.2 Reliability of speeded test 2.3 Validity a) Meaning of validity b) Content-description Procedures c) Criterion- Prediction Procedures d) Construct- Identification Procedures
	B.A.III	16	14	3. Anxiety Scale 4. Personality Inventory
	M.A.I	16	12	<b>Module 2. t-Test and ANOVA</b> 2.1. Introduction of t-Test 2.2. Correlated t-Test 2.3. Introduction of ANOVA 2.4. Assumptions Underlying ANOVA and when to use
	M.A.II			<b>1. Training Programme:</b> Demographic information of Participants; Outcome of the Training Programme; Feedback from Participants about the

				Training Programme; Trainer's Learning from the Whole Exercise; Limitation of the Training Programme; Suggestions for Improvement; References and Appendices.
March	B.A. I	16	14	<b>Module: 3 Scientific Attitude</b> 3.1 Nature and importance of Scientific Attitude. 3.2 Ecological Balance 3.3 AIDS Awareness 3.4 Scientific attitude towards water consumption
	B.A.III	16	14	<b>Module 3: Individual tests of Intelligence and Achievement</b> 3.1 The Wechsler scales of Intelligence 3.2 The Wechsler subtests: Description and analysis 3.3 Stanford-Binet intelligence scales (SBIT): Fifth edition 3.4 Individual tests of Achievement
	B.A.III	16	14	5. Adjustment Inventory 6. Self-concept Test
	M.A.I	16	12	<b>Module 3. Correlation and Regression Analysis</b> 3.1. Introduction and Definition of Multiple Correlations 3.2. Assumptions Underlying Multiple Correlation and when to use 3.3. Introduction of Regression Analysis 3.4. Assumptions of Linear Regression Analysis and when to use
	M.A.II			<b>2. Self-Exploration Journey for Professional Development as Psychologist:</b> Introspection, testing, SWOC Analysis, transference, Life Scripts, Defence Mechanisms.
April	B.A. I	16	13	<b>Module: 4 Computer Education</b> 4.1 Definition and Nature of Computer 4.2 Hardware and Software 4.3 Parts of Computer 4.4 Uses of Computer in various fields
	B.A.III	16	14	<b>Module 4: Psychological Assessment and Personality tests</b> 4.1 A) Personality tests-Expression Techniques i) The draw- A - person test ii) The house- tree - person test (H-T-P)



				B) Projective Techniques i) Rorschach Ink Blot Test ii) Thematic Apperception Test 4.2 Assessment of normality A) Sixteen Personality Factor Questionnaire (16 PF) B) NEO personality inventory - revised (NEO-PI-R) 4.3 Measures of emotional Intelligence
	B.A.III	16	15	REVISION
	M.A.I	16	11	<b>Module 4. Non-Parametric Statistics</b> 4.1. Parametric and Non-Parametric Statistical Tests 4.2. Chi-square Test 4.3. Spearman Rank-Order Correlation Coefficient 4.4. The Mann-Whitney <i>U</i> -test
	M.A.II			<b>2. Self-Exploration Journey for Professional Development as Psychologist:</b> Area of Self-Exploration; Why the Need is felt? Tools and Techniques used for Self-Exploration Journey; Findings explained; Actions taken for improvement and professional development; Effect and Impact of the whole exercise on personality; References and Appendices.
May	B.A. I			Exam
	B.A.II			Exam
	B.A.III			Exam
	M.A.II			Exam
June				

*Submit the Annual teaching plan of each teacher in adherence with academic calendar*

  
**HEAD**  
 Department of Psychology  
 S.G.M. College, Karad

Rayat Shikshan Sanstha's  
Sadguru Gadage Maharaj College, Karad  
(An Autonomous College)  
Department of Sociology  
2022-2023

**Teaching Plan**

**Classical Sociological Traditions: Comte, Durkheim and Weber (SOCC22-21) and Political Sociology (SOCO22-24)**

Teacher's Name: Dr. Gavade S.M.

**Class – M.A.I**

Month	Class	Period Allotted	No.Of Periods Taken	Topic/Unit/Point planned
Aug.	M.A. I	15	15	<b>PAPER Classical Sociological Traditions: Comte, Durkheim and Weber</b> <b>1. Origins of Sociological Theory</b> 1.1 Meaning of Social Theory 1.2 Social Thought prior to the emergence of Sociology 1.3 Socio-Political And Economic Forces in the development of Sociological Theory 1.4 Intellectual and Philosophical forces in the rise of Sociological Theory.
Sept.		15	15	<b>2. August Comte (1798-1857)</b> 2.1 Law of Three Stages 2.2 Positivism 2.3 Social Statics And Social Dynamics 2.4 Sociology of Religion
Oct.		15	14	<b>3. Emile Durkheim (1858-1917)</b> 3.1 Durkheim's Conception of Sociology as a Science ; Concept of Social Fact 3.2 Theory of Division of Labour 3.3 Durkheim's Theory of Suicide 3.4 Theory of Religion and Religious rituals, Their Types and Social Functions
Nov.		15	14	<b>4. Max Weber (1864-1920)</b> 4.1 Intellectual background and Weber's Methodology – Verstehen and Ideal Types 4.2 Social Action : Concept and Types 4.3 Theory of the Protestant Ethics and the Spirit of Capitalism 4.4 Power and Authority – Types of

				Authority, Concepts of Status and Class
<b>Diwali Holiday &amp; Examination Work</b>				
<b>Paper – POLITICAL SOCIOLOGY (SOCO22-24)</b>				
Jan.		15	14	<b>POLITICAL SOCIOLOGY (SOCO22-24)</b> <b>1. Political Sociology</b> 1.1 Meaning , Nature and Scope of Political Sociology 1.2 Development of Political Sociology 1.3 Political Sociology and Social Science 1.4 Concept of Nation- State and Nationalism
Feb.		15	15	<b>2. Theroretical Approches</b> 2.1 Ideology and Politics in India 2.2 System Analysis Approach 2.3 Elite Theories( Vilfredo Parreto, C.W. Mills, and Mosca) 2.4 Input-Output Approach
Mar.		15	14	<b>3 Political Participation and Political Sociolization</b> 3.1 Political Sociolization : Meaning ,Significance and Agencies 3.2 Pressure Group and Interest Group 3.3 Political; Bureaucracy: Characteristics 3.4 Political Recruitment and Political Culture
Apr.		15	14	<b>4. Contemporary Issues and Challenges</b> 4.1 Politics in Plural Society 4.2 Political Parties – Composition & Functions 4.3 Political Participation of Women in Maharashtra 4.4 Welfare State and Democracy in India