

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya.**

**Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade(CGPA 3.20)**

ACADEMIC DIARY

Dr. Dipak K. Shrungare

(Head Of Department)

Department of Economics

**Adarsha Science, Jairamdas Bhagchand
Arts & Birla Commerce Mahavidyalaya,
Dhamangaon Rly.**

Off. Phone 07222-237045

** 2021 - 2022*

Communication :

website

: www.adarshamv.org

E-mail

: amvdmn2010@gmail.com

Telephone

: 237045(Office)

237288 (Resi.)

Classic Printers-Amt Ph.2553113, 9850107884

Academic Diary

PERSONAL INFORMATION

- 1) Name : Prof. Dr. Dipak Shrungare
- 2) Qualification : M.A. (ECO) SET, B.ed, Phd.
- 3) Designation : Professor
- 4) Course : B.A.
- 5) Residensial Address : "Kalashya" Pushkarna Nagar
Dhamangon Eno. Amravati
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9423608667
- 9) E-mail : dipakshrungare@358@gmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 20251398791
- 13) Vehicle No : MA27 AC 6600
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : B⁺

ANNUAL PLAN

Session : 2021-2022 Class : B.A.I Sem-I Section: _____
 Subject : Micro Economics Paper /Unit : 05

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
UNIT I	<u>MACRO ECONOMICS</u>					
I -	Definition of Eco. Adam, Marshall Robbins, Economics law, Types characteristic, nature, compare micro and macro Economics.	15	4.10.21	28.10.21	14	
II -	Demand - law of demand, law of supply, Elasticity of demand Definition, Types of diminishing marginal utility.	16	29.10.21	25.11.21	15	
III -	Cost of Production - meaning Kinds - monetary, marginal Average, Total cost, Revenue, meaning & Kinds, Relation between Average and marginal Revenue, Internal & External	15	26.11.21	20.12.21	15	
IV -	perfect competition - Definition characteristics, monopoly - price determination, monopolistics oligopoly Definition	14	21.12.21	13.1.22	14	
V -	Definition & characteristic land, labour, capital & Entrepreneur, Capital of Rent, Concept - wages, Interest, profit	15	14.1.22	5.2.22	15	

ANNUAL PLAN

Session : 2021-2022 Class : B.A. I - Sem. II Section: _____
 Subject : Economy of Maharashtra Paper / Unit : 05

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
UNIT I	macro Economics - Definition important, limitation, National limitation, National Income - Concept, GDP, NNP, GDP, NDP and per capital income, Merits & Difficulty in measurement.	16	14.2.22	28.2.22	15	
II	Banking system - meaning & difficulties, money - Definition features, function, Value of money, Fisher's theory of m.	15	1.3.22	15.3.22	14	
III	Inflation, Deflation causes, effects, Disinflation & Reflation, Instruments	16	16.3.22	31.3.22	15	
IV	Say market law, Consumption function, Average, Marginal propensity to consume factor affected on Consumption function Investment multiplier, Definition, leakages, limitation, Importance kinds of Indu. Auto Investment	17	1.4.22	20.4.22	16	
V	International Trade - Meaning Inter and regional Trade, Difference between both International trade Importance of it, Ricardo theory of rent Advantage & Disadvantage of International Trade.	20	21.4.22	10.5.22	17	

ANNUAL PLAN

Session : 2021-2022 Class : B.A. II Sem. IV Section: _____
 Subject : Banking Paper / Unit : 05

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
I	Bank - meaning & Types of Commercial Bank, Definition and function, Credit Creation process, sources, meaning, limitation of Credit Creation.	13	14.2.22	27.2.22	12	
II	Central Bank - Definition, function, Importance, Credit Control, meaning, measurement of Control, monetary policy of RBI, objective, limitation.	17	28.2.22	14.3.21	15	
III	Co-operative Bank - meaning, Types, objective, function. National - definition, objective function, Co-operative Societies objective & function	16	15.3.21	30.3.21	15	
IV	IMF - objective, Importance, function, world Bank - objective function, WTO - objective Importance & function.	20	31.3.22	22.4.22	17	
V	Recent services in Banking. ATM, Debit Card, Credit Card E-Banking, cashless transaction, mobile Banking E-wallets, core banking, RTGS, NEFT	16	23.4.22	5.5.22	14	

ANNUAL PLAN

Session : 2021-2022 Class : B.A. III Sem Section: _____
 Subject : Indian Economy Paper /Unit : OS

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
UNIT	Indian Economy.					
I	Feature, National resources, land, water, forest, population feature, Causes & consequences of population growth.	17	4.10.21	30.10.21	15	
II	Importance of Agriculture of Indian economy, Productivity, Causes, Remedies increase productivity, Agri Marketing Difficulties and Remedies of Agri Mark., Subdivision and Fragmentation.	15	01.11.21	25.11.21	13	
III	Industrial policy-1991, Small & Scale Industries, Industrial disputes, Trade union - function etc.	15	26.11.21	12.12.21	14	
IV	India's Foreign trade - Direction & Composition, Imports, Causes Remedies Unemployment, Causes Remedies, Self financing	14	13.12.21	25.12.21	13	
V	Environment: meaning & types, Natural Resources land water, forest, Causes & Remedies of Air, Water and land pollution Global Warming.	16	26.12.21	13.1.22	14	

ANNUAL PLAN

Session : 2021-2022 Class : B.A. III Sem - V Section : 05
 Subject : Demography Paper / Unit : 05

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
UNIT-1	Introduction of Demography.	13	14.2.22	28.2.22	12	
I.	Definition of Demography Scope of Demography. Theory of population Population of population	15	01.3.22	18.3.22	14	
II	Fertility and mortality Importance of mortality Study factors affecting on mortality. Birth Rate & Death Rate	14	19.3.22	31.3.22	13	
III	Migration of population Definition of Migration. Kinds of Migration. Impact of Migration.	15	1.4.22	21.4.22	14	
IV	Urbanization of population Meaning of Urbanization Causes of Urbanization Impact of Urbanization	13	22.4.22	7.5.22	15	
V	Population & Development Problems of Human Development & population Population policy in India Family planning					

Personal Time Table(Theory)

W.E.F. 27.09.2021

Periods	1	2	3	4	5	6	7	8	9
Time Day	12.10	01.00	02.00	02.50					
Mon	II	I-B	III	I					
Tue	III	I	I-B	II					
Wed		II							
Thu	III	II	I						
Fri		I	III						
Sat	I-B	I	II	III					

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

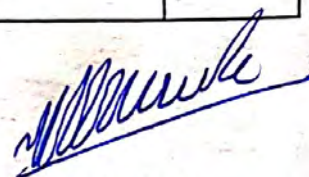
INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER : Dr. D. K. Shringare

NAME OF TEACHER					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED						
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.A.II	12.10	—	—	03.20	3.20	6.40
	B.A.I-B	01.00					
	B.A.III	02.00					
	B.A.I	02.50					
TUE	B.A.III	12.10			03.20	3.20	6.40
	B.A.I	01.00					
	B.A.I-B	02.00					
	B.A.II	02.50					
WED	B.A.III				00.00	5.50	6.40
	B.A.II	01.00					
	B.A.I						
THU	B.A.III	12.10			02.30	4.10	6.40
	B.A.II	01.00					
	B.A.I	02.00					
FRI	B.A.I	01.00			01.40	5.00	6.40
	B.A.III	02.00					
SAT	B.A.I-B	12.10			03.20	3.20	6.40
	B.A.I	01.00					
	B.A.II	02.00					
	B.A.III	02.50					
TOTAL					15.00	25.00	40.00



Sign. of Teacher



Sign. of Principal

PARTICIPATION IN COLLEGE ADMINISTRATION

Work as a . . .

- 1] - member of Admission Committee
- 2] - member of Attendance Monitoring
- 3] - member of College Examination
- 4] - Member of Campus Monitoring
- 5] - Member of NSS Advisory Board
- 6] - Member of Internal Academic Committee
- 7] - Member of Internal Quality Assurance Cell
- 8] - member of Research Promotion Cell
- 9] - member of Tours & Excursion
- 10] - Member of Student Council

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ACADEMIC DIARY

Dr. Kishor H.

Barapatre

Deptt. of History

Adarsha Science, J.B. Arts and

Birla Commerce Mahavidyalaya

Dhamangaon - Rly.

Academic Year - 2021-22

Communication :

website : www.adarshamv.org

E-mail : amvdmn2010@gmail.com

Telephone : 237045 (Office)

237288 (Resi.)

Classic Printers-Amt Ph.2553113, 9930107884

Academic Diary



PERSONAL INFORMATION

- 1) Name : Dr. Kishor H. Barapatre
- 2) Qualification : M.A., M.Phil, P.h.D., B.Ed
- 3) Designation : Assistant Professor
- 4) Course : History
- 5) Residensial Address : '21 Sai Prasad', Shrivihar Colony
New Rathi Nagar Shamangaon/Rly.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : 07222/37045 (Dept.) _____
- 8) Mobile No : 9423647199 / 9763057881
- 9) E-mail : kishorhbarapatre@gmail.com
- 10) PAN No. : AFXPB1749K
- 11) G.P.F. Account No : AMT 6669
- 12) Bank Account No : Bank of Maharashtra A/c 20251398811
- 13) Vehicle No : MH26 AK 0115
- 14) Driving Licence No. : MH 27 - 20120026777
- 15) Insurence Policy No. : _____
- 16) Blood Group : O+ Positive

ANNUAL PLAN

Session : 2021-22 Class : B.A I Section: A,B
 Subject : History Paper /Unit : Semester - 1

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>B.A. 1st Semester 1st</u> <u>(History of India)</u> <u>From Earliest Times to</u> <u>1205 AD</u>					
	<u>Unit - 1</u>					
1	Survey of the Sources of Ancient India :	22	27/09 2021	31/10 2021	21	
2	Harappan Civilization					
3	Vaidik Age					
4	Rise of Religious Movements					
	<u>Unit : 2</u>					
1	Rise of Territorial States	15	27/09 2021	29/11 2021	13	
2	Mौर्य and Post Mौर्य Period (322 BC - 320 AD)					
	<u>Unit : 3</u>					
1	Gupta Dynasty	10	30/11 2021	15/12 2021	07	
2	Vakatah Dynasty					
	<u>Unit : 4</u>					
1	Vardhan Dynasties of Deccan and South India	10	15/12 2021	04/01 2022	08	
2	Arab & Turks Invasion					
	<u>Unit - 5</u>					
1	Education in Ancient India	08	04/01 2022	17/01 2022	07	
2	Position of Women Anc. Ind.					
3	Administration in Anc. Ind.					
4	Art and Architecture in Ancient India					

ANNUAL PLAN

Session : 2021-22 Class : B.A. I Section: A, B
 Subject : History Paper / Unit : Semester - II

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>B.A. 1st Semester II nd</u> (History of India from 1206 AD to 1525 AD)					
	<u>Unit - 1</u>					
1	Qubbuiddin Aibak	15	$\frac{11/02}{2022}$	$\frac{04/3}{2022}$	14	
2	Illutmish					
3	Razia					
4	Balban					
	<u>Unit - 2</u>					
1	Allauddin Khalaji's Admist.	16	$\frac{04/03}{2022}$	$\frac{14/3}{2022}$	15	
2	Allauddin Khalaji's Economical Policy.					
3	Mahammad Tughlug					
4	Firozshah Tughlug					
5	Innasion of Taimur					
	<u>Unit - 3</u>					
1	The Bahaman Kingdom	10	$\frac{15/3}{2022}$	$\frac{25/3}{2022}$	09	
2	The Vijaynagar Empire					
	<u>Unit - 4</u>					
1	Political stru. sult. Period	09	$\frac{26/3}{2022}$	$\frac{13/4}{2022}$	12	
2	State and Society					
3	Social status of Women					
	<u>Unit - 5</u>					
1	Economical & Tech. Develop.	14	$\frac{13/4}{2022}$	$\frac{18/4}{2022}$	15	
2	Art's and Education					
3	Religious Movements					

Personal Time Table(Theory) WEF 27.09.2021

Periods	1	2	3	4	5	6	7	8	9
Time	12:10	1:00	2:00	2:50	3:40				
Day									
Mon	B.A.III	—	B.A.I(A)	B.A.II(B)	—				
Tue	B.A.II	B.A.I(B)	B.A.III	B.A.I(A)	—				
Wed	B.A.I(A)	—	B.A.III	B.A.II	—				
Thu	B.A.II	B.A.I(A)	—	B.A.I(B)	—				
Fri	B.A.I(A)	B.A.I(B)	B.A.II	B.A.III	—				
Sat	B.A.II	B.A.III	B.A.I(B)	—	—				

Personal Time Table(Practical)

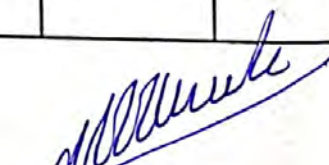
Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time								
Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Dr. Kishor H. Barapatre

TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
DAY	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.A. III	12:10	—	—	2:30	4.20	6 Hrs 30 Min
	B.A. I(A)	02:00					
	B.A. I (B)	2:50					
TUE	B.A. II	12:10	—	—	3:20	3:30	6 Hrs 30 Min
	B.A. I(B)	1:00					
	B.A. III	2:00					
	B.A. I(A)	2:50					
WED	B.A. I(A)	12:10	—	—	2:30	3.30	6 Hrs 30 Min
	B.A. III	2:00					
	B.A. II	2:50					
THU	B.A. II	12:10	—	—	2:30	4.20	6 Hrs. 30 Min
	B.A. I(A)	1:00					
	B.A. I (B)	2:50					
FRI	B.A. I (A)	12:10	—	—	3:20	3.30	6 Hrs 30 Min
	B.A. I (B)	1:00					
	B.A. II	2:00					
	B.A. III	2:50					
SAT	B.A. II	12:10	—	—	2:30	3.30	6 Hrs. 30 Min.
	B.A. III	1:00					
	B.A. I(B)	2:00					
TOTAL	20 Period					23 Hrs 20 Min	40 Hrs.


Sign. of Teacher


Sign. of Principal

THR

Date: 02.09.2021

— बी.ए. भाग-१ च्या प्रवेश प्रक्रियेत सहभागी —

FRI

Date: 03.09.2021

— बी.ए. भाग-१ च्या प्रवेश प्रक्रियेत सहभागी —

SAT

Date: 04.09.2021

— बी.ए. भाग-१ च्या प्रवेश प्रक्रियेत सहभागी —

शिक्षक दिन कार्यक्रमात सहभागी

SUN

Date: 05.09.2021

Sign. of Teacher

Sign. of Principal

**Adarsh Science, Jairamdas Bhagchand Arts & Birla
Commerce Mahavidyalaya,
Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade (CGPA 3.20)**

ACADEMIC DIARY

Adarsha Mahavidyalaya,
Dhamangao (Rly)

Sanjay D. Patil

(Dept. of English)

Mob. 9822270208

Communication :
website : www.adarshamv.org
E-mail : amvdmn2010@gmail.com
Telephone : 237045 (Office)
237288 (Resi.)

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,**
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ACADEMIC DIARY

Adarsha Mahavidyalaya,
Dhamangaon Rly

Dr. Sanjay D. Patil

(Dept. of English)

Mob. 9822270208

2021-2022

Communication

website

www.adarshamv.org

E-mail

amvdmn2010@gmail.com

Telephone

237045 (Office)

237288 (Resi.)

Classic Printers-Amt Ph. 2863113, 9860107884

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Sanjay D. Patil
- 2) Qualification : M.A. English, Ph.D., M. Phil, B.Ed.
- 3) Designation : Asst. Professor
- 4) Course : B.A.
- 5) Residensial Address : 35, Pushkarna Nagar, Near poly college Dhamanghon Rly
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : 07222 (Dept.) 237045
- 8) Mobile No : 9822270208
- 9) E-mail : sanjaypatilamr@gmail.com
- 10) PAN No. : ATBBPP8561D
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 20251398753
- 13) Vehicle No : MH27DA 7874
- 14) Driving Licence No. : MH27 20100045767
- 15) Insurence Policy No. : _____
- 16) Blood Group : A + ve

ANNUAL PLAN

Session : 2021-2022 Class : B.A. II S-III Section: _____
 Subject : English Paper / Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Prose</u>					
1)	India's Message to the world	70	27/10	30/11	69	
2)	The Pleasures of Ignorance					
3)	The Happy Prince					
4)	The Three Questions					
	<u>Poetry</u>					
1)	Sonnet 116	23	1/12	20/12	23	
2)	Dirge					
3)	Leisure					
4)	A Baby Asleep After pain					
	<u>Grammar</u>					
1)	Clauses	27	21/12	5/1	26	
2)	Types of sentences					
	<u>Communication Skill</u>					
1)	Telephone conversation	9	6/1	15/1	6	
2)	Interpersonal communication					

ANNUAL PLAN

Session : 2021-2022 Class : B.A. II S-IV Section : _____
 Subject : English Paper / Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Prose</u>					
1)	Why are Beggars Despised?	66	8/2	31/3	66	
2)	On the Conduct of Life					
3)	The Girl					
4)	The Magic Shop					
	<u>Poetry</u>					
1)	Where the Mind is Without Fear	19	1/4	6/5	16	
2)	A Lament					
3)	Love in a Life					
4)	Up-hill					
	<u>Grammar</u>					
1)	Transformation of sentences		8/2	28/4		
2)	Synthesis of sentences					
	<u>Communication skill</u>					
1)	Interpersonal conversation					
2)	Casual conversation					

ANNUAL PLAN

Session : 2021-2022 Class : B.A. III S-V Section: _____
 Subject : English Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Prose</u>					
	1) The open window	71	27/9	30/11	68	
	2) The Three Hermits					
	1) what is swaraj?					
	2) A Letter to His Son					
	<u>Poetry</u>					
	1) Bangle Sellers	28	1/12	24/12	24	
	2) The mountain and the squirrel					
	1) Precis writing	27	27/12	15/1	24	
	2) Developing a Thought					

Personal Time Table(Theory) W.E.F. 27-9-2021

Periods	1	2	3	4	5	6	7	8	9
Time	12.10	1.00	2.00	2.50	3.40	4.30			
Day									
Mon		II		III	B.A.II TM				
Tue		II			B.A.II TM				
Wed	III		II		B.A.III TM	B.A.II TM			
Thu		III		III TM	B.A.II TM	B.A.II TM			
Fri	II	III			B.A.III TM	B.A.III TM			
Sat				B.A.I B TM	B.A.III TM	B.A.II TM			

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time								
Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Dr. Sanjay D. patil

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.A. II	1.00			2-30	11 to 6	7
	B.A. III	2.50					
	B.A. II T	3.40					
TUE	B.A. II	1.00			1-40	11 to 6	7
	B.A. II T	3.40					
WED	B.A. III	12.10			3-20	11 to 6	7
	B.A. II	2.00					
	B.A. III T	3.40					
	B.A. II T	4.30					
THU	B.A. III	1.00			3-20	11 to 6	7
	B.A. III T	2.50					
	B.A. II T	3.40					
	B.A. II T	4.30					
FRI	B.A. II	12.10			3-20	11 to 6	7
	B.A. III	1.00					
	B.A. III T	3.40					
	B.A. III T	4.30					
SAT	B.A. CB T	2.50			2-30	11 to 6	7
	B.A. III T	3.40					
	B.A. III T	4.30					
TOTAL							42 hrs

Sign. of Teacher

Sign. of Principal

THR

Date: 2-9-21

- involvement in admission process

Department work

- Reading

FRI

Date: 3-9-21

- involvement in admission process

- Department work

- Reading

SAT

Date: 4-9-21

- involvement in admission process

- Teacher's Day Celebration

- Reading

SUN

Date: 5-9-21

Sign. of Teacher

Sign. of Principal

PARTICIPATION IN COLLEGE ADMINISTRATION

- worked as a member of college prospectus committee.
- worked as a member of admission committee
- worked as a co-ordinator of Time Table Committee (Arts Faculty)
- worked as a member of Grievance Redressal Cell
- worked as a member of Internal Academic Audit Committee
- worked as a member of library committee
- worked as a chief-editor of college Magazine 'Gulmohar'
- worked as a co-ordinator of Literary Association
- worked as an incharge of English Language Laboratory

LEAVE RECORD

Sr. No.	Type of Leave	From	To	Duration
1	C.L.	29-10-21	—	1 Day
2	C.L.	18-12-21	—	1 Day
3	C.L.	7-1-22	—	1 Day
4	M.L.	18-1-22	26-1-22	9 Days
5	C.L.	5-2-22	—	1 Day
6	C.L.	19-4-22	—	1 Day
7	C.L.	23-4-22	—	1 Day
8	C.L.	25-4-22	—	1 Day
9	C.L.	25-5-22	—	1 Day

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,
Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade (CGPA 3.20)**

ACADEMIC DIARY

2021-22

Jeetendrasingh Barulkar

Dept. of English

9970280350

jbarulkar@gmail.com

Communication :
website : www.adarshamv.org
E-mail : amvdmn2010@gmail.com
Telephone : 237045 (Office)
237288 (Resi.)

Classic Printers-Amt Ph. 2862112, 9860107884

Academic Diary

PERSONAL INFORMATION



- 1) Name : Jeetendrasingh G. Barulkar
- 2) Qualification : M.A. SET (ENG)
- 3) Designation : Asst. Professor
- 4) Course : B. Com., B. Sc.
- 5) Residensial : J.B. Park
Address : Dhamangaon Rly
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9970280350
- 9) E-mail : jbarulkar@gmail.com
- 10) PAN No. : BEWPB5708K
- 11) G.P.F. Account No: _____
- 12) Bank Account No : (MAHB0000056) 68009502575
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : O⁺ve

ANNUAL PLAN

Session : 2021-22 Class : B.Sc. I Section: _____
 Subject : English Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	Sem I					
	(PROSE) The child - Premchand A Simple Philosophy Values in life Water : The Elixir of Life Introduction to RTI	25	Oct	Jan	24	
	(POETRY) Say Not Struggle ... God's Grandeur To Autumn Bangle Sellers Stay calm	20	Oct	Jan	20	
	(GRAMMAR) Parts of speech, Tenses, Reported speech etc.	15	Oct	Jan	16	
	Sem II					
	PROSE What is courage? The Hazards of Food Colouring The Kabuliwallah The Eyes Are Not Here My Lost Dollar	25	Feb	May	22	
	POETRY A Psalm of Life O Captain! My Captain! The Quality of Mercy Father Returning Home The World is Too Much with Us	20	Feb	May	18	
	GRAMMAR Parts of Speech, Articles, Tenses Everyday English Report writing, Paragraph	15	Feb	May	16	

ANNUAL PLAN

Session : 2021-22 Class : B Com I Section: _____
 Subject : English Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
Sem I						
Prose	Eyes Are Not Here The Romance of a Busy.. Bores The Lost child	24	Oct	Jan	25	
Poetry	The World is Too Much... Once Upon a Time If	15	Oct	Jan	14	
Gram.	Voice, Narration, Tense Resum��, Letter	16 05	Oct Oct	Jan Jan	15 06	
Sem II						
Prose	Each is Great in His... The Postmaster How I Became a Public speaker Prospects of Democracy	24	Feb	May	23	
Poetry	Success is counted Sweetest Laugh & Be Merry The Impossible Dream	15	Feb	May	14	
Gram.	Voice, Narration, Syn��nto, Phrases, Preposition Email, News Report	16 05			18 04	

ANNUAL PLAN

Session : 2021-22 Class : B Com II Section: _____
 Subject : English Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	Sem III					
Prose	Travel by Train Two Gentlemen of Verona Go! Kiss the World The Struggle for Education	20	Oct	Jan	21	
Poetry	Where the Mind ... Stopping by Woods Leisure The Daffodils	16	Oct	Jan	16	
Comm.	Notices, Agenda, Minutes	09	Oct	Jan	08	
	Sem IV					
Prose	The Town Week Two Gentlemen of Verona Florence Nightingale The Gift of Magi Three Hermits	20	Feb	May	20	
Poetry	On His Blindness Solitude Still I Rise Money Madness	16	Feb	May	25	
Comm.	Non-verbal communication Interview Skills Meetings	09	Feb	May	10	

ANNUAL PLAN

Session : 2021-22 Class : BCom III Section: _____
 Subject : English Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
Sem V						
Prose	Ratan Tata Steve Jobs Vijay Bhaskar Black Money	20	Oct	Jan	20	
Poetry	A Red Red Rose It is Needless to Ask... Love's Philosophy The Garden	16	Oct	Jan	16	
Comm.	Computer Tech & Business Public speaking	09	Oct	Jan	08	
Sem VI						
Prose	Sundar Pichai Mallika Srinivasan Muhammad Yunus Introduction to RTI	20	Feb	May	20	
Poetry	All the World's a Stage How do I love Thee? The Duck & the Kangaroo To Autumn	16	Feb	May	15	
Comm.	Employability skills Advertising	09	Feb	May	10	

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time Day	09.40	10.30	11.20	12.10	01.20	02.10	03.00		
Mon		BCom I TU	BCom I	Elit II	F2 TU		BCom III		
Tue		BCom I TU	BCom I		Elit I		F3 TU		
Wed		BCom I TU	BCom II		BCom I	F1 TU			
Thu		BCom I TU	BCom II		F4 TU				
Fri	BSc I		BCom III	BCom I		BCom II	F6 TU		
Sat	BSc I			BCom I	BCom III				

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : J. G. BARULKAR

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	BCom ITU BCom I BA Elit II F2 TU BCom III	10.30 11.20 12.10 01.20 03.00			04.10	10.00 04.30	06.30
TUE	BCom ITU BCom I BA Elit I F3 TU	10.30 11.20 01.20 03.00			03.20	10.00 04.30	06.30
WED	BCom ITU BCom II F1 TU	10.30 11.20 02.10			02.30	10.00 04.30	06.30
THU	BCom ITU BCom II F4 TU	10.30 11.20 01.20			02.30	10.00 04.30	06.30
FRI	BSc I BCom III BCom I BCom II	09.40 11.20 12.10 02.10		F6 TU 03.00	04.30	09.30 04.30	07.00
SAT	BSc I BCom I BCom III	09.40 12.10 01.20			02.30	09.30 04.30	07.00
TOTAL	23				19.30		40

J. G. Barulkar
Sign. of Teacher

[Signature]
Sign. of Principal

Result Unit Test / College Test (Session: 2021-22)

Class : BSc I

Subject/Paper : English

S.No.	Date	Test	Total No. of Students	Total No. of Stud. Appeared	Total No. of Stud. Passed	Below 20%
1		Practice	107	107	107	-
2		Unit Test	107	107	107	-
3		Common	104	104	104	-

Class : Bcom I

Subject/Paper : English

S.No.	Date	Test	Total No. of Students	Total No. of Stud. Appeared	Total No. of Stud. Passed	Below 20%
1		Practice	78	78	78	-
2		Unit	78	78	78	-
3		Common	75	75	75	-

Sr. No.

Topic

Type of conference
National / International / State

Participation
Presentation
Keynote/Session
Chair etc.

Date _____

Place

IPR

National = AMVDMN

Participation

23-24	Aug
-------	-----

Online

Gender Sensitiv...

State Level SGBAU

Participation

26.11

Online

Research Proposal

National KPR College Coimbatore

Participation

26.02

Online

UNIVERSITY / BOARD WORK

Question Paper setting Bcom I, Bcom II, Bcom III
Bsc I, BA Eng Lit I, II

Unit Test & Internal Assessment for Bcom I, II, III

University Exam Evaluation Bcom I, II, III
Eng Lit I, II

LEAVE RECORD

Sr. No.	Type of Leave	From	To	Duration
1	CL	17.08	18.08	02
2	CL	20.08		01
3	CL	25.09		01
4	CL	16.10		01
5	CL	18.10		01
6	ML	20.10	27.10	08
7	APL	09.12	11.12	03
8	APL	15.02	18.02	04
9	CL	04.02	05.02	02
10	DL	02.03	03.03	02
11	DL	14.03		01
12	DL	27.04		01

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya.**

Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade(CGPA 3.20)

ACADEMIC DIARY

2021-22

DR FURQUAN A. C. PATHAN

Assistant Professor
Department of English
7875383639

pathanfurquan@gmail.com

Communication

website

: www.adarshamv.org

E-mail

: amvdmn2010@gmail.com

Telephone

: 237045(Office)

237288 (Res)

Classic Printers-Amt Ph.2563113, 9800497884

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Furquan A. K. Chandkhan Pathan
- 2) Qualification : M.A., M.Phil, Ph.D, B.Ed (English)
- 3) Designation : Assistant Professor
- 4) Course : B.A., B.Sc
- 5) Residensial : c/o Khalig Khan, Ashish Colony,
Address Dhamangaon Rly.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : 07222 (Dept.) 237045
- 8) Mobile No : 7875383639
- 9) E-mail : pethanfurquan@gmail.com
- 10) PAN No. : BMRPP7285C
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : MH31 EU 3383
- 14) Driving Licence No. : MH27 2000005063
- 15) Insurence Policy No. : _____
- 16) Blood Group : A+ve

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	09.40	10.30	11.20	12.10	01.00	02.00	02.50	03.40	04.30
Day									
Mon				BA1B				BA1A TU	BA1A TU
Tue				BA1A			BA1B	BA1B TU	BA1B TU
Wed		BSc I			BA1B		BA1A	BA1A TU	
Thu		BSc I		BA1A		BA1B		BA1A TU	
Fri								BA1A TU	
Sat			B.A.1B TU			BA1A	BA1A TU	BSc I TU	

Personal Time Table(Practical)

	Morning				Evening			
Periods	1	2	3	4	5	6	7	8
Time								
Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021 - 2022

NAME OF TEACHER : Dr F. A. K. C. PATHAN

NAME OF TEACHER : D ^r P. P. P.					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED						
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	BA1B BAELT I BA1A TU BA1A TU	12:10 02:50 03:40 04:30			03:20	11:00 05:30	6:30
TUE	BA1A BA1B BA1B TU BA1B TU	12:10 02:50 03:40 04:30			03:20	11:00 05:30	6:30
WED	B-SCI BA1B BA1A BA1A TU	10:30 01:00 02:50 03:40			03:20	10:00 05:00	7
THU	B-SCI BA1A BAELT II BA1B BA1A TU	10:30 12:10 01:00 02:00 03:40			04:10	10:00 05:00	7
FRI	BA1A TU	03:40			00:50	11:00 05:30	6:30
SAT	BA1B TU BA1A BA1A TU B-SCI TU	11:20 02:00 02:50 03:40			03:20	11:00 05:30	6:30
TOTAL	22				18:20		40

Sign. of Teacher

Sign. of Principal

LEAVE RECORD

Sr. No.	Type of Leave	From	To	Duration
1.	Casual leave	20-9-21	20-9-21	One day
2.	Casual leave	30-9-21	30-9-21	One day
3.	Casual leave	13-11-21	13-11-21	One day
4.	Casual leave	29-11-21	29-11-21	One day
5.	Casual leave	05-2-22	05-2-22	One day
6.	Casual leave	21-2-22	21-2-22	One day
7.	Casual leave	28-2-22	28-2-22	One day
8.	Duty Leave	02-3-22	03-03-22	Two days
9.	Casual leave	28-3-22	28-3-22	One day

**Adarsh Science, Jairamdas Bhagchand Arts &
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Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade (CGPA 3.20)

ACADEMIC DIARY

2021-22

Amol Band

Dept. of Political Science

9767604816

amol34band@gmail.com

Communication

website

www.adarshamv.org

E-mail

amvdmn2010@gmail.com

Telephone

237045 (Office)

237288 (Resi.)

Classic Printers-Amt Ph.2563113, 9860107884

Academic Diary

PERSONAL INFORMATION



- 1) Name : AMOL B. BAND
- 2) Qualification : M.A. B. Ed. SET
- 3) Designation : Assistant Professor
- 4) Course : B.A.
- 5) Residensial : J. B. Park, Dhamarjodan Rly
Address : Dist- Amravati
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9767604816
- 9) E-mail : amol84band@gmail.com
- 10) PAN No. : BYGPB2695M
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 68009502359
- 13) Vehicle No : MH.2273
- 14) Driving Licence No. : -
- 15) Insurence Policy No. : -
- 16) Blood Group : B⁺

ANNUAL PLAN

Session : 2021-22 Class : B.A.I Section: _____
 Subject : Political Science Paper /Unit : Indian constitution provisions

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Semester - I (Unit - I)</u>					
1)	Salient features of Indian Constitution					
2)	Preamble - Nature & importance	22	Oct	Oct	18	
3)	Fundamental Rights - Types & importance					
	<u>Unit II</u>					
1)	Directive Principles of State Policy - Nature & importance	20	Oct	Nov	15	
2)	Fundamental Duties					
3)	Method to acquire citizenship.					
	<u>Unit III</u>					
1)	President of India, Election Process, Power & Function	23	Nov	Dec	22	
2)	Vice President - Role & Function					
3)	Prime Minister Appointment Role & Function					
	<u>Unit IV</u>					
1)	Parliament, Lok Sabha & Rajya Sabha - structure & powers Speaker of Lok Sabha - power & function	18	Dec	Dec	14	
	<u>Unit V</u>					
1)	Structure of Indian Judiciary Types of Court, characteristics of Indian Judiciary.	40	Dec	Jan	39	
2)	Supreme Court of India Structure Power & Function High Court - Structure, Power & Function					
	<u>Semester - II</u>					
	<u>Unit - I</u>					
1)	Election commission of					

ANNUAL PLAN

Session : 2021-22 Class : B.A. II Section: _____
 Subject : Political Science Paper / Unit : Selected constitution & International Relation

S.No.	Unit & Topic <u>Semester- III</u>	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Unit I</u>					
i)	Salient Feature of the Constitution of U.K.	14	OCT	NOV	12	
ii)	Historical Background of					
iii)	Power of the Crown					
iv)	Prime Minister- Appointment Role & Function					
v)	Cabinet- structure & function					
	<u>Unit- II</u>					
i)	Parliamentary system of U.K.	14	NOV	DEC	14	
ii)	House of Lords- composition, Power & Function					
iii)	House of commons- composition Power & Function					
iv)	Role of opposition & Shadow cabinet					
	<u>Unit- III</u>					
i)	Salient Features of constitution of U.S.A	08	Dec	Dec	06	
ii)	President- Election process Power & Function					
iii)	Cabinet- structure & function					
iv)	Vice President- Election Process power & Function					
	<u>Unit- IV</u>					
i)	Legislature of U.S.A. Congress	10	Dec	Dec	08	
ii)	Senate- composition, power					
iii)	House of Representative- composition, power & Function					
iv)	Supreme Court- power & Function					
	<u>Unit- V</u>					
i)	South Asian Association For Regional cooperation	12	Jan	Jan	10	
ii)	Objective					
iii)	Structure Function					

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	12.10	01.00	2.00	2.50	03.40				
Day									
Mon	B.A.I (A)	B.A. III	B.A.I (B)	B.A. II					
Tue	I(B)	II	I(A)						
Wed	II	I(A)	I(B)	III					
Thu		I(B)	II	I(A)					
Fri	III	II	I(A)	I(B)					
Sat	III	II							

Personal Time Table(Practical)

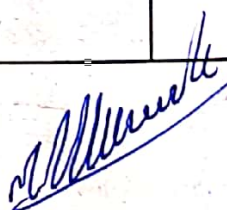
Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time								
Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : AMOL B. BAND

NAME OF TEACHER : AMOL					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED						
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.A.I(A)				3.20	11 to 5.30	6.30
	B.A.III						
	B.A.I(B)						
	B.A.II						
TUE	B.A.I(B)				2.30	11 to 5.30	6.30
	B.A.III						
	B.A.I(A)						
WED	B.A.II				3.20	11 to 5.30	6.30
	B.A.I(A)						
	B.A.I(B)						
	B.A.III						
THU	B.A.I(B)				2.30	11 to 6	7.00
	B.A.II						
	B.A.I(A)						
FRI	B.A.III				3.20	11 to 6	7.00
	B.A.II						
	B.A.I(A)						
	B.A.I(B)						
SAT	B.A.III				1.40	11 to 5.30	6.30
	B.A.II						
TOTAL							40Hrs


Sign .of Teacher


Sign. of Principal

Result Unit Test / College Test (Session: 2021-22)

Class : B.A. I

Subject/Paper : Indian Constitution provisions

S.No.	Date	Test	Total No. of Students	Total No. of Stud. Appeared	Total No. of Stud. Passed	Below 20%
1)	17/11/21		199	84	80	04
2)	29/12/21		199	80	80	00
3)	4/4/22		199	82	81	01
4)	27/4/22		199	81	79	02

Class : B.A. II

Subject/Paper : Selected constitution & International Law

S.No.	Date	Test	Total No. of Students	Total No. of Stud. Appeared	Total No. of Stud. Passed	Below 20%
1)	17/11/21		104	80	75	05
2)	29/12/21		104	75	70	05
3)	4/4/22		104	81	65	16
4)	27/4/22		104	82	75	07

PARTICIPATION IN COLLEGE ADMINISTRATION

- 1) Admission
- 2) Time Table
- 3) Essay & Debate Competition
- 4) Remedial Coaching Cell
- 5) Student Welfare
- 6) Environment club
- 7) Women Grievance Redressal Cell
- 8) Social Responsibilities Cell

LEAVE RECORD

Sr. No.	Type of Leave	From	To	Duration
1)	कर्तव्य रजा	25/09/21	1/10/21	07
2)	किश्कोक रजा	16/10/21	16/10/21	01
3)	किश्कोक रजा	20/11/21	20/11/21	01
4)	किश्कोक रजा	11/12/21	11/12/21	01
5)	कर्तव्य रजा	15/12/21	15/12/21	01
6)	कर्तव्य रजा	24/12/21	24/12/21	01
7)	किश्कोक रजा	16/02/22	16/02/22	01
8)	कर्तव्य रजा	28/02/22	30/03/22	
9)	किश्कोक रजा	16/04/22	16/04/22	01
10)	किश्कोक रजा	25/04/22	25/04/22	01
11)	किश्कोक रजा	13/05/22	13/05/22	01
12)	किश्कोक रजा	26/05/22	26/05/22	01

Academic Diary

PERSONAL INFORMATION



- 1) Name : Syed Obaid Qureshee
- 2) Qualification : NET, Ph.D.
- 3) Designation : Professor
- 4) Course : B.Sc.
- 5) Residensial : C/o C.A. Rawekar
Address : Pethe Nagar Dhamangaon Rly.
- 6) Telephone No : _____ (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 7620055822
- 9) E-mail : dsosqureshi@gmail.com.
- 10) PAN No. : _____
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : O Rh +ve

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.II/I Section: MCL
Subject : ZOOLOGY Paper /Unit : IS.

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	IS-ZOOLOGY LIFE AND DIVERSITY OF NON-CHORDATA UNIT-IV: 1. Phylum Annelida: General Characters. 2. Type study: Leech: External features, Digestive, Excretory and Reproductive system. 3. Phylum Arthropoda: General Characters 4. Type study: Cockroach: Habits and habitat, External features, Digestive system, Respiratory system, Reproductive system. UNIT-V: 1. Phylum Mollusca: General Characters. 2. Type study: Pila globosa: Habits and habitat, External features (Shell and Body), Digestive, Respiratory and Reproductive system. 3. Phylum Echinodermata: General Characters. 4. Type study: Asterias: Habits and habitat, External features, Digestive system, Water vascular system, UNIT-VI: 1. Phylum Hemichordata: General Characters, Body organization of Balanoglossus, Affinities of Balanoglossus, with nonChordata, and Chordata. 2. Corals, coral-reefs. 3. Parasitic adaptations in Helminthes: Morphological and physiological 4. Larval forms and their significance: Amphiblastula, Planula, Trochophore, Bipinnaria, Brachiolaria,	14				
		12				
		12				

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Syed Obaid Qureshee

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs.	Min	
MON	B.Sc II	2:55	B.Sc. II	12:10	3:20	11.00 am 5.30 pm	6.30
TUE	B.Sc III B.Sc. I	12:10 2:05			1:40	11.00 am 5:45 pm	6.45
WED	B.Sc II B.Sc III	2:05 2:55			1:40	11.00 am 5:45 pm	6.45
THU	B.Sc I	12:10	B.Sc. I	2:05	3:20	11.00 am 5:30 pm	6.30
FRI	B.Sc I B.Sc. III	11.20 12.10			1:40	11.00 am 5.45 pm	6.45
SAT	B.Sc II	12.10	B.Sc. III	2.05	3:20	11.00 am 5.45 pm	6.45
TOTAL	09		03		15:00		40

Sign. of Teacher

Sign. of Principal

PRINCIPAL
Ararsha Science J. P. S.
Comm. Mah.
Dhamangarh, Jy.

PERSONAL INFORMATION

Henry Hall

Scanned with CamScanner

**INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY IN
THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22**

NAME OF TEACHER: Jitendra G. Suryawanshi

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTED					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL DURATION (IN Hrs.)
	THEORY			PRACTICAL				
	CLASS	TIME	R.NO	TIME	BATCH			
MON	Bx.III	12.10	ZOO			1.40 hrs	11.00 - 5.30	6.20
	Bx.I	2.05	lab	-	-			
TUE	Bx.II	2.55	ZOO lab	12.10	Bx.II	3.30 hrs	11.00 5.20	6.20
WED	Bx.I	12.10	ZOO lab	2.05	Bx.I	3.23 hrs	11.00 5.30	6.20
THU	Bx.II	2.05	ZOO			1.40 hrs	11.00 6.00	07.00
	Bx.III	2.55	lab	-	-			
FRI	Bx.II	1.15	ZOO lab	2.05	Bx.I	2.23 hrs	11.00 - 6.00	07.00
SAT	Bx.I	11.20	ZOO			1.40 hrs	11.00 - 6.00	07.00
	Bx.III	1.15	lab	-	-			
TOTAL			ZOO lab					40.20 hrs

HEAD OF THE DEPTT.

Department of Zoology

Department of Zoology

Department of Zoology

Department of Zoology

Department of Zoology

TEACHER.

Academic Diary

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,**

Dhamangaon (Rly.), Dist. Amravati,

NAAC Re-Accredited with "A" Grade (CGPA 3.20)

ACADEMIC DIARY

Vijay S. Thool
(Associate professor)

Department of physics

Academic Year: 2021-2022

Communication :

website

www.adarshamv.org

E-mail

amvdmn2010@gmail.com

Telephone

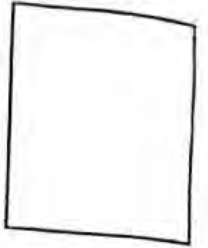
237045 (Office)

237288 (Resl.)

Circle Printer And Ph-7853113, 9850197884

Academic Diary

PERSONAL INFORMATION



- 1) Name : V. S. Thool
- 2) Qualification : M. Sc. (Physics)
- 3) Designation : Associate professor
- 4) Course : _____
- 5) Residensial : Plot No-18
Address Samata colony
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9763983777
- 9) E-mail : thoolvijay556@gmail.com
- 10) PAN No. : AAIPT 5081C
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : MH27 AC 2395
- 14) Driving Licence No. : 20080027348
- 15) Insurence Policy No. : _____
- 16) Blood Group : O Rh+ve

ANNUAL PLAN

Session : 2021-22 Class : B.Sc. III Section:
 Subject : PHYSICS Paper /Unit : III and IV

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	Semester - V physics B.Sc. Part III Unit III : Atomic and molecular spectroscopy Vector atomic model, Quantum numbers, Stern - Gerlach experiment, selection rules, I-S and j-j coupling, types of spectra- emission and absorption spectra, X- rays- Continuous X-ray spectrum, Duane-Hunts law, characteristic x- rays spectra, Moseley's law. Raman effect: stokes and anti -stokes lines, Quantum theory of Raman effect Experimental arrangement of Raman spectroscopy. UNIT IV: Nuclear physics Detection of charged particles ; G-M counter ,binding energy and mass defects, stability of nuclei ,alpha decay; range of alpha particles, Geiger- Nuttal law and Gamow's theory of alpha decay. Beta decay and its types, Pauli's Neutrino hypothesis, Nuclear Fission, Nuclear Fusion Nuclear reactors.	12				
		12				

ANNUAL PLAN

Session : 2021-22 Class : B.Sc III Section: _____
 Subject : PHYSICS Paper /Unit : III, IV and V

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	Semester - VI physics B.Sc. part III Unit III : Crystallography Amorphous and crystalline solids, unit cells, Miller indices, Reciprocal lattice, Coordination number Types of lattice Diffraction of x-rays, Braggs law, determination of lattice parameters of NaCl crystal. Defects in solids, point, plane and line defects. Unit IV : Electrical properties of Materials: Free electrons, conduction electrons, electron collision, mean free path, conductivity and Ohms law, density of states, concept of Fermi energy. Band structure: Electron in periodic potential, nearly free electron theory, Energy bands, energy gap, metals, insulators and semiconductors. Unit VI : Superconductivity and Nanotechnology: Introduction to superconductors, critical temperature, Type I and Type II superconductors, critical magnetic field, Meissner effect, Idea of BCS theory, Cooper pair, applications of superconductors .Introduction to nanosize materials ,brief history of nano-materials, effect of dimension reduction on physical properties, Quantum size effect, application of nano- Materials in different fields.	12 12 12				

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	10-30	11-20	12-10	1-15	2-05	2-55	3-45	4-35	
Day									
Mon								3(20)	
Tue									
Wed									
Thu									
Fri			T						
Sat				T					

Personal Time Table(Practical)

	Morning				Evening			
Periods	1	2	3	4	5	6	7	8
Time	10-30	11-20	12-10	1-15	2-05	2-55	3-45	4-35
Day								
Mon			← S ₁ S ₃ →					
Tue			← S ₁ S ₃ →					
Wed			← T ₁ T ₃ →					
Thu			← T ₁ T ₃ →					
Fri								
Sat						← T ₂ T ₄ →		

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : V. S. Thool.

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs.	Min	
MON	B.Sc II	4.35 5.25	S1 S3	12.10 To 2.55	3 Hr 20 Min	11.00 am To 5.40 pm	6 hrs 40 min
TUE		—	S1 S3	12.10 To 2.55	2 Hrs 30 min	11.00 am To 5.40 pm	6 hrs 40 min
WED	—	—	T1 T3	12.10 to 2.55	2 Hrs 30 min	11.00 am To 5.40 pm	6 Hrs 40 Min
THU	—	—	T1 T3	12.10 2.55	2 Hrs 30 min	11.00 am To 5.40 pm	6 hrs 40 min
FRI	B.Sc III	12.10 1.15	—	—	0 hrs 50 min	11.00 am To 5.40 pm	6 hrs 40 Min
SAT	B.Sc III	12.10 To 1.15	T2 T4	2.55 To 5.25	3 Hrs 20 min	11.00 am To 5.40 pm	6 Hrs 40 min
TOTAL					3 Hr 20 min 15 Hrs	—	40 hrs /

Sign. of Teacher

Sign. of Principal

Pri
Adarsha Shiksha, V.O. Arts &
Hrds Comm., Mahakudyalaya
Dharmapada Rd.

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,**

Dhamangaon (Rly.), Dist. Amravati.

NAAC Re-Accredited with "A" Grade (CGPA 3.20)

ACADEMIC DIARY

Girish S. Mendhe

(Assistant Professor)

Department of Physics

Academic Year

2021 -22

Communication :

website

www.adarshamv.org

E-mail

amvdmn2010@gmail.com

Telephone

237045 (Office)

237288 (Resi.)

Classic Printers-Ant Ph. 2963113, 9860187824



Academic Diary

PERSONAL INFORMATION



- 1) Name : Girish Shriramji Mendhe
- 2) Qualification : M.Sc. (Physics) M.Tech. (Laser sci & app) SET
- 3) Designation : Assistant Professor
- 4) Course : B.Sc.
- 5) Residensial : J.B. Park, Dhamangan Rly
Address : _____
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9168398142
- 9) E-mail : girish24mendhe@gmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : _____

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc.-I C Section: SEM I
 Subject : PHYSICS Paper /Unit : V & VI

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
I)	<u>Unit V: Elasticity</u>	12	05/10/2021	23/11/21	12	
i)	Introduction of Elasticity: Hookes law of elasticity Three elastic constant γ , K & n . Rel ⁿ bet ⁿ γ , K & n & ν (Poisson Ratio)		05/10/21	18/10/21	04	
ii)	Bending of beam and bending moment, Cantilever, Depression of centrally Loaded beam		25/10/21	23/11/21	04	
iii)	Twisting couple Torsional pendulum, Maxwell's needle		15/11/21	23/11/21	04	
iv)	Numericals.					
II)	<u>Unit VI: Kinematics of moving fluid & surface tension</u>	12	29/11/21	17/01/22	14	
i)	Kinematics of moving fluid: streamline & turbulent flow viscous drag coefficient of viscosity, Equation of continuity, Euler's equation, Bernoulli's th ^m Poiseuille eq ⁿ Reynolds number, Terminal velocity Stokes law variation of viscosity with temperature.		29/11/21	27/12/21	09	
ii)	Surface tension Angle of contact & wetting, Jaeger's method		29/12/21	17/01/22	05	
iii)	Numericals.					

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc. II Section : 54th II
 Subject : PHYSICS Paper / Unit : III, IV

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
I)	<u>Unit III : Solid state Electronic Devices : I</u>	12	09/10 21	10/12 21	13	
i)	<u>Physics of Semiconductors:</u> Introduction to semiconductors, charge carriers & electrical conduction through semiconductors, Doping Extrinsic semiconductors, Fermi level & energy level diagrams, Diff current in semiconductors, Mobility, conductivity, Hall effect, Hall coefficient.		09/10 21	13/11 21	08	
ii)	Semiconductor diode & its biasing.		20/11 21	10/12 21	05	
iii)	LED					
iv)	Varactor diode					
II)	<u>Unit IV : Solid state Electronic devices II</u>	12	1/12 21	22/01 22	12	
i)	<u>Bipolar Junction Transistor (BJT) :</u> Introduction to BJT, working of BJT, modes of operation, current gain α & β , their relation α & β , their characteristics and CE characteristics		11/12 21	24/12 21	04	
ii)	<u>Field effect transistor (FET)</u> JFET - construction & working, characteristics & FET		31/12 21	01/01 22	02	
iii)	<u>Operational Amplifiers</u> Basic concept & differential amp ^r , IC-OP-AMP electrical parameters & OP-AMP inverting & non-inverting OP-AMP, OP-AMP as adder, subtractor, integrator & differentiator.		07/01 22	22/01 22	06	

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc. III Section: SEM V
 Subject : PHYSICS Paper /Unit : V & VI

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
I)	<u>UNIT V</u>	12	01/10 21	25/11 21	12	
1)	Hybrid Parameters - Low frequency equivalent of CE amp ^s and its analysis.		13/10 21	21/10 21	04	
2)	Bias stability & Thermal Runaway		27/10 21	-	01	
3)	General Principles of Amp ^r classification.		25/10 21	10/11 21	02	
4)	RC coupled Amp ^r : Equivalent circuits and Gain at low, med ^m & high frequency (Qualitative) Gain-Frequency Response		14/11 21	24/11 21	04	
5)	Noise & Distortion in electronic ckt ^s		25/11 21	-	01	
II)	<u>Unit VI</u>	12	01/12 21	20/01 22	12	
1)	Feedback in Amplifiers: Negative Feedback Advantages of negative feedback positive feedback.		01/12 21	08/12 21	03	
2)	Oscillators: phase shift, Wien Bridge Hartley & Colpitts oscillator.		09/12 21	23/12 21	04	
3)	Multivibrators: Astable, Monostable & Bistable.		20/12 21	26/01 22	05	

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc. II Section : 2001 (F)
 Subject : PHYSICS Paper / Unit : IV & V

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	<u>Unit IV : LASER</u> Introduction to LASER, Absorption, spontaneous & stimulated emission Population Inversion Pumping characteristics of LASER Beam. Main components of LASER system. Three level & Four level LASER system. Ruby LASER He-Ne LASER Semiconductor LASER Applications of LASER Holography.	12	25/02 2022	29/04 2022	12	
2)	<u>Unit V : Fiber optics</u> Introduction of Fiber optics Total Internal Reflection Structure & classification of optical fiber Propagation of Light wave in an optical fiber Acceptance angle & NA Dispersion, Fiber Losses Fiber optic communication Advantages & disadvantages of optical fiber Applications of fiber optics.	12	16/04 2022			

ANNUAL PLAN

Session : 2021 - 22 Class : B-SC-III Section: SEM IV
 Subject : PHYSICS Paper / Unit : IV & V

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	<u>Unit IV : LASER</u> Introduction to MASER, Absorption spontaneous & stimulated emission population Inversion pumping characteristics & LASER Beam. Main components of LASER system. Three level & Four level LASER system Ruby LASER He-Ne LASER Semiconductor LASER Applications of LASER Holography.	12	25/02 2022	09/04 2022	12	
2)	<u>Unit V : Fiber optics</u> Introduction of fiber optics Total internal Reflection structure & classification of optical fiber Propagation of light wave in an optical fiber Acceptance angle & NA Dispersion, Fiber Losses Fiber optic communication Advantages & disadvantages of optical fiber Applications of fiber optics.	12	16/04 2022	28/05 2022	10	

ANNUAL PLAN

Session : 2021-22 Class : B.Sc III Section: III
 Subject : PHYSICS Paper /Unit : V I & II

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	Unit V: Magnetic Properties of Materials Atomic magnetic moment, magnetization vector, magnetic susceptibility Dia. Para and Ferromagnetic materials Langevin theory of diamagnetic materials Langevin theory of paramagnetic materials Quantum mechanical theory of paramagnetic material Curie law Weiss theory of ferromagnetic materials Curie-Weiss law Domain theory of ferromagnetic materials Hysteresis & Energy loss	12	17/02 2022	16/03 2022	12	
2)	Unit II: Statistical Mechanics I Statistical mechanics, phase space, unit cell. Microstates, macrostates Energy states, density of energy states Probability & Thermodynamic Probability. Principle of equal a priori probabilities most probable distribution Boltzmann entropy relation MB statistics Applications of MB statistics to molecules speed distribution, Average speed, rms. s. speed & most probable velocity.	12	21/02 2022	22/04 2022	12	

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc. VI Section: SEM VI
 Subject : PHYSICS Paper / Unit : V, I, II

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
3	<u>Unit II: Statistical mechanics II</u> Distinguishable & indistinguishable particles Concepts of bosons & fermions <u>Bose-Einstein statistics:</u> Thermodynamic probability Most probable distribution Application of BE statistics to black body radiation. <u>Fermi-Dirac statistics:</u> Thermodynamic probability Most probable distribution Fermi function Fermi energy Fermi temperature	12	25/04 2022	30/05 2022	10	

9. Reddy FWPS 01/03/22L

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	10.30	11.20	12.10	1.15	2.05	2.55	3.45	4.35	
Day									
Mon		T	F						
Tue		T	F						
Wed						T T			
Thu						T			
Fri	T(tu)	SS							
Sat	S(tu)		SS						

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	10.20	12.10	1.15	2.05	2.55	3.45	4.35	5.25
Day								
Mon								
Tue					← (F2, F4) →			
Wed		← T1, T3 →						
Thu		← T1, T3 →						
Fri					← T2, T4 →			
Sat					← T2, T4 →			

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER: Girish S. Mendhe

DAY	TIMING OF TEACHING WORK / PRACTICAL ALLOTTED				WORKS LOAD		PERIOD OF STAY	TOTAL Duration (In Hrs)
	THEORY		PRACTICAL		Hrs	Min		
	CLASS	TIME	BATCH	TIME				
MON	B.Sc-I	12.00 - 1.00			-	50	11.00 - 5.15 pm	6.25
	B.Sc-II	11.20 am - 12.10 pm			-	50		
TUE	B.Sc-I	12.10 - 1.00	F ₂ F ₄	2.15 pm - 3.25 pm	-	50	11.00 - 5.15 pm	6.25
	B.Sc-III	11.20 am - 12.10 pm			3	20		
WED	B.Sc-III	2.55 pm - 3.45 pm	T ₁ T ₃	12.10 pm - 2.55 pm	3	20	11.00 - 5.30 pm	6.5
					3	20		
THU	B.Sc-III	2.55 pm - 3.45 pm	T ₁ T ₃	12.10 pm - 2.55 pm	3	20	11.00 - 5.30 pm	6.5
					2	30		
FRI	B.Sc-IV	12.20 am - 12.10 pm	T ₂ T ₄	2.55 pm - 5.25 pm	4	10	10.15 am - 5.30 pm	7.25
	B.Sc-III (TA)	10.30 am - 11.20 am			3	20		
SAT	B.Sc-IV	2.10 pm - 1.00 pm	T ₂ T ₄	2.55 pm - 5.25 pm	4	10	10.15 am - 5.30 pm	7.25
	B.Sc-III (TA)	10.30 am - 11.20 am			3	20		
TOTAL					16	40		40
					16	40		

Girish S. Mendhe
Sign. of Teacher

S. Mendhe
SIPRINCIPAL
Adarsha Science, J.B. Arts &
Girls Coll., Maharashtra
Channarayana P. P.

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,
Dhamangaon (Rly.), Dist. Amravati.
NAAC Re-Accredited with "A" Grade(CGPA 3.20)**

ACADEMIC DIARY

NAME : DR.S.S.SHARMA
DEPARTMENT OF PHYSICS
YEAR 2021-2022

Communication :
website : www.adarshamv.org
E-mail : amvdmn2010@gmail.com
Telephone : 237045(Office)
237288 (Resi.)

Classic Printers And Ph 2665113, 9860107884

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Shweta Sitaram Sharma
- 2) Qualification : PhD (Physics), NET-JRF (Physics)
- 3) Designation : Asst. Prof. (Physics)
- 4) Course : BSC-I, BSC-II, BSC-III
- 5) Residensial Address : C/O Manoj Haghmare, J.B. Residency, J.B. Park, Dharmangan
Raj
- 6) Telephone No : - (Res.) -
- 7) Telephone No : - (Dept.) -
- 8) Mobile No : 9039247558
- 9) E-mail : sharma.shweta2812@gmail.com
- 10) PAN No. : JZOPS9718B
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : MH27-BC0246
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : AB +ve

ANNUAL PLAN

Session : 2021-2022 Class : Bsc-I, ^{S-I} Section: Sem.-I
 Subject : Physics Paper /Unit : Unit-1 Gravitation

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
①	Kepler's laws of Planetary motion	12	7/10/21	25/11/21	12	
②	Newton's law of gravitation					
③	Acceleration due to gravity, variation with altitude & depth					
④	Gravitational potential & gravitational field					
⑤	Gravitational potential & intensity due to uniform solid sphere					
⑥	Gravitational potential & intensity due to spherical shell					
⑦	Gauss's theorem					
⑧	Numericals					
⑨	Revision					

ANNUAL PLAN

Session : 2021-2022 Class : BSC-I Section: Sem-I
 Subject : Physics Paper/Unit : -2 Motion of Rigid Body

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
(1).	Motion of rigid body, rotational motion					
(2).	Moment of inertia, Radius of gyration					
(3).	principles of perpendicular & parallel axes					
(4).	Moment of inertia of regular shaped bodies like ring, disc, hollow sphere, solid sphere, cylinders & bar about different axes	12	2/12/21	20/1/22	11	
(5).	Linear momentum & angular momentum, conservation of linear & angular momentum					
(6).	Numericals					
(7).	Revision					

ANNUAL PLAN

Session : 2021-2022 Class BSc-II Section: Sem-I
 Subject : Physics Paper /Unit : 1, Mathematical background & Electrostatics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
①	Gradient, divergence & curl & their physical significance.	15	4/10/21	30/11/21	15	
②	Line, surface & volume integral					
③	Gauss divergence theorem					
④	Stoke's theorem					
⑤	Work done on charge in electrostatic field					
	Electric flux					
⑥	Force on a moving charge, Lorentz force equation, magnetic flux density					
⑦	Ampere's force law, Ampere's circuital law & application					
⑧	Numericals					
⑨	Revision					

ANNUAL PLAN

Session : 2021-2022 Class : BSC-II Section: Sem-I
 Subject : physics Paper /Unit : 2, Magnetostatics & Maxu
Equation

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
①	Electromagnetic induction	13	6/12/21	18/1/22	13	
②	Faraday's Law, integral & differential form					
③	Displacement current					
④	Maxwell's Equation					
⑤	Wave eqn, EM wave in vacuume					
⑥	Poynting vector & poynting Theorem					
⑦	Numericals					
⑧	Revision					

ANNUAL PLAN

Session : 2021-2022 Class : BSc-I Section: Sem-II
 Subject : Physics Paper /Unit : 1, 2, & 3

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
<u>Unit-1-</u>						
①	Kinetic theory of gases	12	16/2/22	8/4/22	12	
	Deduction of Boyle's law					
②	Kinetic interpretation of temp., R.M.S. speed, Ave					
③	Avogadro no., degree of freedom, Equipartition of energy, specific Heat					
④	Vander waal's eqn, critical constants, Vander waal's forces					
⑤	Mean free path, Brownian motion					
⑥	Transport phenomena in gas					
⑦	Numerical & Revision					
<u>Unit-2</u>						
①	Boyle's law of T.D., PV indicator diag., first law of T.D.	12	20/4/22	6/5/22	12	
②	Internal energy, reversible, irreversible process, Carnot engine					
③	2nd law of T.D. Carnot's theorem					
④	Entropy, thermodynamic scale of temp., 3rd law of T.D.					
⑤	Numerical & Revision					

ANNUAL PLAN

Session : 2021-2022 Class : BSc-II Section: Sem-I
 Subject : Physics Paper /Unit : 2 & 3

Subject : <u>Physics</u>		Required Lectures	Duration		Periods Taken	Remarks
S.No.	Unit & Topic		From	To		
<u>Unit-2, Diffraction</u>						
①.	Diffraction, Fresnel & Fraunhofer diffraction, Fresnel's Assumption	11	15/2/22	29/3/22	11	
②.	Fresnel half period zones					
③.	Zone plate					
④.	Double slit diffraction					
⑤.	Grating: Construction & theory					
⑥.	Resolution, Resolving power, Rayleigh's criterion					
⑦.	Numerical & Revision					
<u>Unit-3, Polarization</u>						
①.	Concept of polarization	17	4/4/22	20/5/22	17	
②.	Optic axis, double refraction,					
③.	phase retardation plate, Quarter wave & half wave plate					
④.	Nicol prism- theory, Construction & working					
⑤.	Production & detection of elliptically & circularly polarized light					
⑥.	Half shade polarimeter, blue color of sky					
⑦.	Numericals & Revision					

ANNUAL PLAN

Session : 2021-2022 Class : BSc-I Section: Sem-II
 Subject : Physics Paper/Unit : 2,2,3

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Unit-3</u>					
①	Joule-Thomson effect					
②	Liquefaction of hydrogen & helium gas					
③	T.D. variables & Maxwell general relationship, Maxwell thermodynamic relations	10	6/4/22	27/5/22	10	
④	Joule Thomson cooling & adiabatic cooling					
⑤	Clausius clapeyron eqn, T.D. potentials					
⑥	Numericals & Revision					

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	
Time	9:40-	10:30-	11:20-	12:10-	1:15-	2:05-	2:55-	3:45-	4:35-
Day	10:30	11:20	12:10	1:00	2:05	2:55	3:45	4:35	5:25
Mon		II							
Tue		II							
Wed					I				
Thu				I					
Fri									
Sat		I (T ₀)							

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time		12:10-	1:15-	2:05-	2:55-	3:45-	4:35-	
Day		1:00	2:05	2:55	3:45	4:35	5:25	
Mon		II	II	II				
Tue		II	II	II				
Wed					II	II	II	
Thu					II	II	II	
Fri					III	III	III	
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER: Dr. S. S. Sharma

NAME OF TEACHER							
DAY	TIMING OF TEACHING WORK PRACTICAL ALLOTTED				WORK LOAD Hrs Min	PERIOD OF STAY	TOTAL Duration In Hrs
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	BSC-II	10:30-11:20	BSC-II	12:10-2:55	3 hrs. 20 min.	10:20 to 5:05	6 hrs. 45 min.
TUE	BSC-II	10:30-11:20	BSC-II	12:10-2:55	3 hrs. 20 min.	10:20 to 5:05	6 hrs. 45 min.
WED	BSC-I	1:15-2:05	BSC-II	2:55-5:25	3 hrs. 20 min.	11:00 to 5:30	6 hrs. 30 min.
THU	BSC-I	12:10-1:00	BSC-II	2:55-5:25	3 hrs. 20 min.	10:45 to 5:30	6 hrs. 45 min.
FRI	-	-	BSC-III	2:55-5:25	2 hrs. 30 min.	11:00 to 5:30	6 hrs. 30 min.
SAT	BSC-I (Tu)	10:30-11:20	-	-	50 min.	10:20 to 5:05	6 hrs. 45 min.
TOTAL	BSC-I BSC-II BSC-I (tu)	02 02 01	BSC-II BSC-III	12 03	16 hrs. 40 min.	40 hrs.	40 hrs.

Sign of Teacher

Sign of Principal

PRINCIPAL
Adarsh School, L.B. Nig &
Bali Bazar, Mahabubnagar
Telangana Pg

Adarsh Science, Jyotiramdas Bhingorliwadi Arts & Commerce Mahavidyalaya
Dhamungeon (Rly), Dist. Amravati
NAAC Re-Accredited with "A" Grade (CGPA 3.70)

ACADEMIC DIARY

NAME : DR.S.G.VIDHALE
DEPARTMENT OF PHYSICS
YEAR 2021-2022

Communication :

Website :

E-mail :

Telephone :

www.adarshamv.org

amvdmn2010@gmail.com

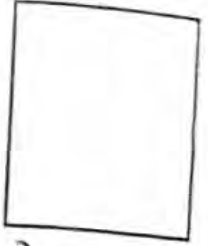
237045 (Office)

237288 (Resl.)

Circle Office : Amravati - 431002

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Shilpa G. Vidhale (Sadar)
- 2) Qualification : M.Sc., B.Ed., M.Phil., Ph.D.
- 3) Designation : Assistant Prof.
- 4) Course : B.Sc.
- 5) Residensial Address : G. Collector staff colony, camp, Aut
- 6) Telephone No : 9822982878 (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : _____
- 9) E-mail : shilpavidhale20@gmail.com
- 10) PAN No. : CHVPS0573A
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60354610427
- 13) Vehicle No : MH27 BV
- 14) Driving Licence No. : MH27 20100036948
- 15) Insurance Policy No. : _____
- 16) Blood Group : O +ve

ANNUAL PLAN

Session : 2021 - 2022 Class : B.Sc I Section: (Sem I)
 Subject : Physics Paper /Unit : III IV

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	Unit 3					
1.	Simple Harmonic Motion a) Linear Simple Harmonic motion b) Simple Pendulum c) Compound Pendulum d) Kater's Reversible Pendulum e) Spring and mass system f) Vibration of magnet g) Bifilar Oscillations h) Damped and forced oscillator & Resonance i) Numericals	14	8 Oct 2021	27 Nov 2021	11	
2.	Unit 4 a) Superposition of two SHM b) Interference, Lissajous figures. c) Standing waves d) Velocity of longitudinal waves e) Velocity of waves by Kundt's tube f) Velocity of transverse wave in a stretched string g) Ultrasonics	12	5 Dec 2021	16 Jan 2021	12	

ANNUAL PLAN

Session : 2021 - 2022 Class : B.Sc II Section: Sem III
 Subject: Physics Paper/Unit : 5 & 6

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit 5 Special Theory of Relativity a) Introduction b) Postulates of STR c) Lorentz Transformation d) Length contraction e) Time dilation f) Relativistic addition of velocities g) Relativity of mass h) $E = mc^2$ equation i) Numericals j) Test I k) Test II	12	6 Oct 2021	25 Nov 2021	13	
2)	Unit 6 Atmosphere & Geophysics 1) Introduction 2) Internal Structure of earth 3) Earth as planet 4) The Atmosphere 5) The Lithosphere 6) The Hydrosphere 7) Composition of atmosphere 8) Earthquakes Introduction 9) Causes of earthquakes 10) Thermologies associated with it 11) Types of earthquakes 12) Scale of Intensity, Records of earthquake. 13) Propagation of energy through vacuum 14) Intensity of Radiation 15) Scattering absorption 16) Moisture 17) clouds 18) Numerical 19) Test I & II	14	1 Dec 2021	15 Jan 2022	13	

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc I Section: II
 Subject : Physics Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	Unit 4 motion of charged particle in electric & magnetic field → Electric field as an acceleration field → motion of charged particle in transverse electric field → motion of charged particle in transverse magnetic field. → electron gun → Discharge tube → Velocity selector → mass spectrograph → Linear accelerator → Cyclotron					
2)	Unit 5 Network Theorem, Ballistic Galvanometer, varying current → Network Theorems → Ballistic Galvanometer → Varying current Unit 6 Alternating currents. → Alternating current → j-Operator and complex number → Application of complex number in solving ac circuit → Resonance → Transformer → Numericals,	12	18/2/2022	12 Apr 2022	16	
		12				

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc II Section: Sem IV
 Subject: Physics Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1	Unit I Geometric optics, Interference → Introduction → cardinal points of An optical system → Equivalent focal length of coaxial lens system → Interference of Light → Thin films → Expression for fringe width → Newton's Rings. → Test I → Test II	14	16 Feb 2022	6 Apr 2022	15	
2	Unit II Renewable energy sources → Introduction → Various energy sources → solar energy → solar energy storage → solar photovoltaic System → Numericals → Test I → Test II.	12	7 Apr	7 May		

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	
Time	9:40	10:30	11:20	12:10	1:15	2:05	2:55	3:45	4:35
Day									
Mon				B.Sc I (C4)		B.Sc I (Tu)			
Tue				B.Sc I (C4)					
Wed			B.Sc II (Th)						
Thu			B.Sc II (Th)						
Fri									
Sat			B.Sc I (Th)						

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	9:40	10:30	11:20	12:10	1:15	2:05	2:55	4:35
Day								
Mon						← B.Sc I		→ F ₁ , F ₄
Tue						← B.Sc I		→ F ₂ , F ₄
Wed								
Thu						← B.Sc II		→ S ₂ , S ₄
Fri				←	F ₁ , F ₃	→		
Sat				←	F ₁ , F ₃	→		

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Dr. S.G. Vidhale								
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD		PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL		Hrs.	Min		
	CLASS	TIME	BATCH	TIME				
MON	B.Sc I (Tu) B.Sc I (Th)	2:05 12:10	F ₂ F ₄	2:55 5:25	4	10	11:00 am to 5:45 pm	6:45
TUE	B.Sc I (Th)	12:10	F ₂ F ₄	2:55 5:25	3	20	10:30 am to 5:45 pm	7:15
WED	B.Sc II (Th)	11:20 - 12:10	S ₂ S ₄	2:55 5:25	3	20	10:30 am to 5:45 pm	7:15
THU	B.Sc II (Th)	11:20 - 12:10	S ₂ S ₄	2:55 5:25	3	20	11:00 am 5:45 pm	6:45
FRI			F ₂ F ₃	12:10 2:55	2	30	11:00 am to 5:45 pm	6:45
SAT	B.Sc I	11:20 12:10	F ₁ F ₃	12:10 2:55	3	20	11:00 am to 5:45 pm	6:45
TOTAL					20		40 Hrs	40 Hrs

S.G. Vidhale

Sign. of Teacher

(Dr. S.G. Vidhale)

S.G. Vidhale

Sign. of Principal

PRINCIPAL
Adarsha Science, J.B. Arts &
Bliss Comm., Mahandhyalaya
Dharampuram Pp.

Academic Diary



PERSONAL INFORMATION

- 1) Name : Dr. Nilesh A. Sonune
- 2) Qualification : M.Sc. (Microbiology) Ph.D.
- 3) Designation : Assistant professor
- 4) Course : Microbiology
- 5) Residensial Address : Baleji Nagar, Dhamangam Rly.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9404830275
- 9) E-mail : nasonune@gmail.com
- 10) PAN No. : CTAPS9508N
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60170583170
- 13) Vehicle No : MH-30 S-4347
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : O+ve

ANNUAL PLAN

Session : 2020-21 Class : B.Sc.I Section: Sem I & II
 Subject : Microbiology Paper /Unit : 15 - Microbiology

S.No.	Unit & Topic Sem-I	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit-II Structural organization of Bacteria	14	14/09 2020	14/10 2020	15	Completed
2.	Unit II - A Microbial Nutrition	13	19/10 2020	7/12 20	14	Completed
3.	Unit II - B Pure culture concept	04	8/12 2020	16/12 2020	05	Completed
4.	Unit II Reproduction and Growth of Bacteria	14	24/12 2020	22/01 2021	17	Completed
Semester - II						
1.	Unit - II Microbial Control	14	16/03 2021	28/04 21	16	Completed
2.	Unit - II Biostatistics	13	03/05 21	29/06 21	16	Completed
3.	Unit - II Introduction to computer.	12	30/06 21	04/08 21	15	Completed

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2020-21

NAME OF TEACHER : Dr. Nilesh A. Sonawane							
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs	Min	
MON	B.Sc II	10:30 - 11:20	-	-	01:40 hrs	10:30 am to 5:30 pm	7:00
	B.Sc I	2:05 - 2:55					
TUE	B.Sc I	2:05 - 2:55	-	-	00:50 hrs	11:00 am to 5:30 pm	6:30
WED	B.Sc I	1:15 - 2:05	B.Sc I F6	2:05 - 4:35	03:20 hrs	11:00 am to 5:30 pm	6:30
THU	B.Sc III	11:20 - 12:10	B.Sc I F6	2:05 - 4:35	03:20 hrs	11:00 am to 5:30	6:30
FRI	B.Sc II B.Sc III	12:10 - 1:00 1:15 - 2:05	B.Sc III S5 + S6	2:55 - 5:35	04:10 hrs	11:00 am to 5:45 pm	6:45
SAT	B.Sc II B.Sc III	12:10 - 1:00 1:15 - 2:05	B.Sc II S5 + S6	2:55 - 5:35	04:10 hrs	11:00 am to 5:45 pm	6:45
TOTAL	B.Sc I	03	B.Sc I	06	17:30 hrs	40 hrs	40 hrs
	B.Sc II	03	B.Sc II	06			
	B.Sc III	03					

Sign. of Teacher

Sign. of Principal

Adarsha Solanki, J.
B. B. C. Chavli
Dharmanga, S. S.

Monthly Formate

Class B.Sc I Sem I Group Microbiology Paper 1S - Microbiology Month: July 2020

Unit allotted Unit 4, 5 & 6 Unit covered 1 Unit Remaining 5

No. of Periods Due 5 No. of Periods Engaged 1

Extra Periods (with dates) Admission process

Course covered Admission process

Average Attendance of students 85%

Sign. of Head

Sign. of Teacher

Monthly Formate

Class B.Sc B Sem - III Group Microbiology Paper 3-S - Microbiology Month: July 2020

Unit allotted Unit 1, 2 & 3 Unit covered Unit 1 Unit Remaining Unit 2 & 3

No. of Periods Due 01 No. of Periods Engaged 01

Extra Periods (with dates) Nil

Course covered Concept of gene

Average Attendance of students 85%

Sign. of Head

Sign. of Teacher

Monthly Formate

Class B.Sc III Sem I Group Microbiology Paper SS - Microbiology Month: July 2020

Unit allotted Unit 1, 2 & 3 Unit covered Unit 1 Unit Remaining Unit 2 & 3

No. of Periods Due 02 No. of Periods Engaged 02

Extra Periods (with dates) Nil

Course covered Unit 1 - microbial association

Average Attendance of students 85%

Sign. of Head

Sign. of Teacher

Academic Diary



PERSONAL INFORMATION

- 1) Name : Dr. Nilesh Ananda Sonune
- 2) Qualification : M.Sc. Ph.D., NET & SET
- 3) Designation : Assistant Professor
- 4) Course : Microbiology
- 5) Residensial Address : C/o - S.P. Nakhate, Balaji Nagar, Dharamangan Kly.
- 6) Telephone No : _____ (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9404830275
- 9) E-mail : nasonune@gmail.com
- 10) PAN No. : CTAPSGJ08N
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60170583170
- 13) Vehicle No : MH30-S-4347
- 14) Driving Licence No. : _____
- 15) Insurance Policy No. : _____
- 16) Blood Group : O⁺

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.I Section: Sem. I & II
 Subject : Microbiology Paper /Unit : IS - Microbiology

Subject: Microbiology						
S.No.	Unit & Topic <u>Sem I</u>	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit IV Structural organization of Bacteria.	14				
2.	Unit V A Microbial Nutrition	13				
3.	Unit V B Pure culture concept	04				
4.	Unit VI Reproduction and Growth of Bacteria.	14				
<u>Semester-II</u>						
1.	Unit II Microbial Control	14				
2.	Unit V Biostatistics	13				
3.	Unit VI Introduction to computer	12				

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER								Dr. N.A. Sonwane	
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs)		
	THEORY		PRACTICAL						
	CLASS	TIME	BATCH	TIME	Hrs.	Min			
MON	B.Sc. II B.Sc. I	10:30-11:30 12:10-1:00	B.Sc. III S5+S6 Batch	2:55 to 5:35	04:10 hrs	10:30 am to 5:30 PM	7:20		
TUE	B.Sc. I	12:10-1:00	B.Sc. III S5+S6 Batch	2:55 to 5:35	03:20 hrs	11:00 am to 5:30 PM	6:30		
WED	B.Sc. I	11:15-2:05	B.Sc. I F6	2:05 to 4:35	03:20 hr	11:00 am to 5:30	6:30		
THU	B.Sc. III	11:20-12:10 PM	B.Sc. I F6	2:05 to 4:35	03:20 hr	11:00 am to 5:30	6:30		
FRI	B.Sc. III B.Sc. II	11:20-12:10 12:10-1:00	B.Sc. II S5+S6	2:55 to 5:35	04:10 hrs	11:00 am to 5:45	6:45		
SAT	B.Sc. III B.Sc. I	12:10-1:00 2:05-2:55	B.Sc. II S5+S6	2:55 to 5:35	04:10 hr	11:00 am to 5:45	6:45		
TOTAL	B.Sc. I B.Sc. II B.Sc. III	03 03 03	B.Sc. II B.Sc. III B.Sc. I	12 12 06	22:30 hr	40 hrs	40 hrs		

Sign. of Teacher

Sign. of Principal

Monthly Formate

Month: Microbiology
Class B.Sc. I sem I Group Microbiology Paper 11 - Microbiology
Unit allotted Unit 4, 5 & 6 Unit covered _____ Unit Remaining _____
No. of Periods Due _____ No. of Periods Engaged _____
Extra Periods (with dates) _____
Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

Monthly Formate

Month: Microbiology
Class B.Sc. II sem III Group Microbiology Paper 35 - Microbiology
Unit allotted 1, 2 & 3 Unit covered _____ Unit Remaining _____
No. of Periods Due _____ No. of Periods Engaged _____
Extra Periods (with dates) _____
Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

Monthly Formate

Month: Microbiology
Class B.Sc. III sem - I Group Microbiology Paper 55 - Microbiology
Unit allotted 1, 2 & 3 Unit covered _____ Unit Remaining _____
No. of Periods Due _____ No. of Periods Engaged _____
Extra Periods (with dates) _____
Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya.**

Dhamangaon (Rly.), Dist. Amravati.

NAAC Re-Accredited with "A" Grade (CGPA 3.20)

ACADEMIC DIARY

Dr. S. N. BAYASKAR

Associate Professor & Head

Department of Mathematics

Session 2021-2022

Communication

website

: www.adarshamv.org

E-mail

: amvdmn2010@gmail.com

Telephone

: 237045 (Office)

237288 (Resl)

Classic Printers-Amt Ph.2563113, 9060107884



Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr Sudhir N Bayaskar
- 2) Qualification : Msc, M.Phil., Ph.D.
- 3) Designation : Associate professor
- 4) Course : UG, PG
- 5) Residensial : At. Bire plot, Neharu Nagar
Address : Dhamangan Riya
- 6) Telephone No : 9423621627 (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9423621627 / 9112360506
- 9) E-mail : snbayaskar@rediffmail.com
- 10) PAN No. : AYQPB0291G
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 20251398991
- 13) Vehicle No : MH27 BE - 2606
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : Rh 'O' -ve

ANNUAL PLAN

Session : 2021 - 22 Class : BSC I Section: _____
 Subject : mathematics Paper /Unit : I - Algebra & Trigonometry

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	UNIT I :- Demovier's Theorem :- Roots of complex number, circular functions, hyperbolic function, inverse hyperbolic function, Rel ⁿ bet ⁿ circular function and hyperbolic function, Separation of real & imaginary parts of circular & hyperbolic functions of complex variable.	12	$\frac{4/10}{2021}$	$\frac{21/10}{2021}$	12	
	UNIT II :- Trigonometric series: Gregory series, Euler's series, Machin's series, Rutherford's series, summation of series, series based upon $\sin x$, $\cos x$, $\sinh x$, $\cosh x$, exponential series.	13	$\frac{22/10}{21}$	$\frac{13/11}{21}$	13	
	UNIT III :- Elements of quaternion: Definition, Equality & addition, multiplication, complex conjugate of quaternion, norm, inverse, quaternion rotation, geometric interpretation, operator algorithm, quaternion to matrices.	12	$\frac{15/11}{21}$	$\frac{28/11}{21}$	12	
	UNIT IV :- Theory of eqns :- Relations bet ⁿ the roots & coefficients, transformation of equations, Cubic eqns, biquadratic eqns.	12	$\frac{29/11}{21}$	$\frac{14/12}{21}$	12	
	UNIT V :- Matrices :- Rank of matrix, row rank, column rank, eigenvalues, eigen-vectors & the characteristic eq ⁿ of matrix, Cayley-Hamilton th ^m & its application.	13	$\frac{15/12}{21}$	$\frac{18/01}{22}$	13	

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc II Section: _____
 Subject : mathematics Paper /Unit : II - Elementary Number Theory

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>UNIT I</u> : Divisibility; division algorithm, the greatest common divisor, greatest common divisor of more than two integers, Euclidean algorithm, least common multiple.	13	$\frac{7/10}{21}$	$\frac{27/10}{21}$	13	
	<u>UNIT II</u> : Prime numbers, the fundamental th ^m of arithmetic or unique factorization th ^m , Fermat numbers, linear Diophantine eq ⁿ .	12	$\frac{28/10}{21}$	$\frac{16/11}{21}$	12	
	<u>UNIT III</u> : Congruence properties of congruence, Special divisibility test, linear congruences, Chinese remainder theorem.	12	$\frac{17/11}{21}$	$\frac{26/12}{21}$	12	
	<u>UNIT IV</u> : Arithmetic functions, Euler's theorem, the τ & σ functions, Mobius μ function.	13	$\frac{27/12}{21}$	$\frac{6/01}{22}$	13	
	<u>UNIT V</u> : Primitive roots, Primitive roots for prime polynomial congruences, The Congruence $x^2 = a \pmod{p}$ general quadratic congruence quadratic residues	12	$\frac{7/01}{22}$	$\frac{30/11}{22}$	12	

ANNUAL PLAN

Session : 2021-22 Class : B.Sc III Section: _____
 Subject : mathematics Paper /Unit : I - mathematical method

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>UNIT I</u> : Legendre's eq ⁿ , Legendre's polynomial, generating function of $P_n(x)$ recurrence formulæ of $P_n(x)$ orthogonality of Legendre's polynomial, Rodrigue's formula.	13	$\frac{4110}{21}$	$\frac{2410}{21}$	13	
	<u>UNIT II</u> : Bessel's eq ⁿ , solution of Bessel's eq ⁿ generating function for $J_n(x)$. Recurrence formula for $J_n(x)$, Sturm-Liouville boundary value problem.	13	$\frac{2210}{21}$	$\frac{13111}{21}$	13	
	<u>UNIT III</u> : Fourier series, Fourier series for odd & even functions, half range Fourier sine series & half range Fourier cosine series.	12	$\frac{44111}{21}$	$\frac{23111}{21}$	12	
	<u>UNIT IV</u> : Laplace transform of some elementary functions, existence of Laplace transform Properties of Laplace transform Inverse Laplace transform convolution Property, PDE.	11	$\frac{24111}{21}$	$\frac{16112}{21}$	11	
	<u>UNIT V</u> :- Fourier Transform Finite Fourier sine transform Inverse finite Fourier sine transform & Cosine transform, Cosine transform, Properties of Fourier transform, application of partial differential eqns.	11	$\frac{17112}{21}$	$\frac{19101}{22}$	11	

ANNUAL PLAN

Session : 2021-22 Class : BSC I Section: _____
 Subject : Mathematics Paper /Unit : II - Vector Analysis & Geo.

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>UNIT I</u>:- Scalar & Vector product of three vectors, product of four vectors, Vector differentiation & Vector integration.	10	$\frac{8}{22}$	$\frac{13}{22}$	10	
	<u>UNIT II</u>:- Space curve t, n, b Vectors, fundamental planes, curvature, torsion, Frenet-Serret formulae.	10	$\frac{4}{22}$	$\frac{13}{22}$	10	
	<u>UNIT III</u>:- Gradient, divergence and curl, directional derivatives, line integral, work done, Green's thm.	11	$\frac{28}{22}$	$\frac{17}{22}$	11	
	<u>UNIT IV</u>:- Sphere: Different forms of Sphere Section of a sphere by a plane, sphere through a given circle, intersection of sphere and a line, orthogonal sphere & condition of orthogonality.	10	$\frac{18}{22}$	$\frac{8}{22}$	10	
	<u>UNIT V</u>:- Cone: The eqn. of a Cone with guiding curve, Cone with vertex & origin right circular cone. cylinder: eqn. of right circular cylinder	11	$\frac{9}{22}$	$\frac{15}{22}$	11	

ANNUAL PLAN

Session : 2021-22 Class : B.Sc II Section: _____
 Subject : Mathematics Paper /Unit : II - Mechanics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>UNIT I</u> :- Constraints, generalized co-ordinates, D'Alembert's principle and Lagrange's equations of motion.	10	$\frac{9/2}{22}$	$\frac{8/3}{22}$	10	
	<u>UNIT II</u> :- Central force motion: Areal Velocity, Equivalent one body problem, central orbit, Virial thm, Kepler's law of motion.	09	$\frac{9/3}{22}$	$\frac{30/3}{22}$	09	
	<u>UNIT III</u> :- Calculus of Variation: Functional, extrema's, Euler's differential equation, Brachistochrone problem, invariance of Euler's eqn, Euler-Poisson equations for a functional dependent on higher derivatives, Euler-Lagrange equations.	10	$\frac{31/3}{22}$	$\frac{20/4}{22}$	10	
	<u>UNIT IV</u> :- Hamilton's Principle, Lagrange's eqns. for non holonomic system, Routh's procedure, least action principle.	09	$\frac{21/4}{22}$	$\frac{6/5}{22}$	09	
	<u>UNIT V</u> :- Rigid body, generalized co-ordinates of a rigid body, Eulerian angles, Euler's theorem, finite rotations, infinite rotations.	11	$\frac{7/5}{22}$	$\frac{31/5}{22}$	11	

ANNUAL PLAN

Session : 2021 - 22 Class : B.Sc. III Section: _____
 Subject : Mathematics Paper / Unit : II - Special Relativity

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>UNIT-I</u> : Review of Newtonian mechanics. Inertial frames, Speed of light and Galilean relativity, relative character of space and time, Lorentz transformation & its geometrical interpretation, group properties of transformation <u>UNIT II</u> :- Relativistic kinematics composition of parallel velocities, length contraction, time dilation, Lorentz contraction factor. The two laws of thermodynamics for a moving system, the Lorentz transformation for thermodynamics a) vol^m, b) heat c) entropy d) temperature <u>UNIT III</u> : Geometrical representation of space-time, four dimensional Minkowski space-time of relativity, proper time, world line, four vectors and present, past, future null cone, Covariant, contravariant tensor, inner product, quotient law. <u>UNIT IV</u> :- Variation of mass velocity, equi. of mass & Energy, momentum & energy, relativistic Lagrangian, & Hamiltonians, the energy-momentum tensor. <u>UNIT V</u> :- Maxwell's eqn. of electromagnetic theory in vacuum, scalar & vector propagation, trans. of charged & current density, Gauss transformation, Maxwell's eqn. in tensor form, transformation for electric and magnetic field strength	12	$\frac{10/2}{22}$	$\frac{6/3}{22}$	12	
			7			
		10	$\frac{7/3}{22}$	$\frac{23/3}{22}$	10	
		12	$\frac{24/3}{22}$	$\frac{6/4}{22}$	12	
		10	$\frac{7/4}{22}$	$\frac{17/4}{22}$	10	
		09	$\frac{18/4}{22}$	$\frac{31/5}{22}$	09	

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	9.40	10.30	11.20	12.10	1.15	2.05	2.55	3.45	4.35
Day									
Mon					III	I			
Tue				III	III	I	III		
Wed				I		II			
Thu			I	III		II			
Fri					II	III			I
Sat					II	III	II	I	

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time								
Day								
Mon								
Tue								
Wed								
Thu								
Fri								
Sat								

**INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22**

NAME OF TEACHER : DR. SUDHIR N BAYASIKAR

NAME OF TEACHER : DR. SUSHIL

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.Sc.I	2.05	—	—	2 Hrs 30 min	11.00 am to 5.30 pm	6 Hrs 30 min
	B.Sc.III	1.15					
	B.Sc.II						
TUE	B.Sc.I	2.05	—	—	2 Hrs 30 min	11.00 am to 5.30 pm	6 Hrs 30 min
	B.Sc.III	1.15					
	B.Sc.III	2.55					
WED	B.Sc.I	12.10	—	—	2 Hrs 30 min	11.00 am to 5.30 pm	6 Hrs 30 min
	B.Sc.II	2.05					
	B.Sc.III						
THU	B.Sc.I	11.20	—	—	2 Hrs 30 min	10.00 am to 5.30 pm	7 Hrs
	B.Sc.II	2.05					
	B.Sc.III	12.10					
FRI	B.Sc.I	4.35	—	—	2 Hrs 30 min	10.30 am to 5.30 pm	7 Hrs
	B.Sc.II	1.15					
	B.Sc.III	2.05					
SAT	B.Sc.I	3.45	—	—	2 Hrs 30 min	10.30 pm to 5.30 pm	7 Hrs
	B.Sc.II	1.15					
	B.Sc.III	2.05					
TOTAL					15 Hrs		40 Hrs

Sign. of Teacher

Sign. of Principal

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,**

Dhamangaon (Rly.), Dist. Amravati.

NAAC Re-Accredited with "A" Grade (CGPA 3.20)

ACADEMIC DIARY

Dr. A. N. Rangari

Assistant Professor

Dept: Mathematics

Session: 2021-2022

Communication :

website : www.adarshamv.org

E-mail : amvdmn2010@gmail.com

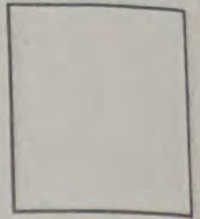
**Telephone : 237045 (Office)
237288 (Resi.)**

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Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Ashwina N. Rangari
- 2) Qualification : M.Sc. (Maths), B.Ed., M.Phil., Ph.D.
- 3) Designation : Assistant professor
- 4) Course : B.Sc. I, II, and III, M.Sc. (Maths)
- 5) Residensial : C/o Sanjay H. Shamkuwar,
Address : Aditya Vihar, Near polytechnic
college, pushkeena Nagar, Dhamangan
- 6) Telephone No : — (Res.) —
- 7) Telephone No : 07222-295553 (Dept.) 07222-237045
- 8) Mobile No : 9403116400 ; 8805637738
- 9) E-mail : ashwinarangari@gmail.com
- 10) PAN No. : AWIPR8105M
- 11) G.P.F. Account No: —
- 12) Bank Account No : 20251369539
- 13) Vehicle No : MH27AQ7757
- 14) Driving Licence No. : MH2720130001899
- 15) Insurence Policy No. : 919773750
- 16) Blood Group : 'A' rh +ve

ANNUAL PLAN

Session : 2021-2022

Class : B.Sc.I (Sem I)

Section : PCM, CPS, ETC

Subject : Mathematics

Paper / Unit II (Differential and Integral Calculus)

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1	Unit-I : Limit and Continuity, properties of limits, classifications of discontinuity.	15	5/10/21	24/11/21	21	
2	Unit-II : Differentiability, Leibnitz's theorem and L'Hospital rule	15	25/11/21	17/12/21	20	
3	Unit-III : Maclaurin's theorem, Taylor's Theorem, Rolle's theorem, Lagrange's mean value theorem and Cauchy mean value theorem.	07	20/12/2021	30/12/2021	07	
4	Unit-IV : partial differentiation, Euler's theorem on homogeneous function.	09	31/12/2021	10/01/2022	09	
5	Unit-V : Integration of the form $\int \frac{P_n(x)}{\sqrt{Q(x)}} dx$, reduction formulae, Wallis formula, quadrature, rectification.	13	13/01/2022	29/01/2022	13	

ANNUAL PLAN

Session : 2020-2022 Class: B.Sc.I (Sem II) Section PCM, CPS, ETC
 Subject : Mathematics Paper / Unit : III CDEs: Ordinary and partial

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	Unit-I: Degree and Order of DE, linear equation, Exact DE, orthogonal trajectories.	15	10/2/22	10/3/22	21	
2)	Unit-II: Second order DES, homogeneous DES, Equation reducible to homogeneous form.	10	11/3/22	30/3/22	13	
3)	Unit-III: Method of variation of parameters, Normal form. Method of change of dependent and independent variables.		4/4/22			
Unit IV 4)	First order DE, Lagrange's method, Some special types of Equation.					
Unit V 5)	Compatible DES, Charpit's general method, Homogeneous equations					

ANNUAL PLAN

Session: 2021-2022

Class B.Sc. II (Sem III) Section: PCM, CPS, ETC.

Subject: Mathematics

Paper / Unit: Advanced Calculus

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1>	Unit-I: Sequence, Algebra of a sequence, monotonic sequence, Cauchy sequence.	10	4/10/21	21/10/21	12	
2>	Unit-II: Series, Geometric series, comparison tests, convergence of series, root test, Abel's test, Dirichlet's test, Leibnitz rule.	15	22/10/21	9/12/2021	22	
3>	Unit-III: Limit and continuity of functions of two variables, algebra of limit and continuity, Taylor's theorem.	10	11/12/2021	27/12/2021	11	
4>	Unit-IV: Maxima and minima of two variables, Lagrange's multipliers method, Jacobians.	14	28/12/2021	15/01/2022	15	
5>	Unit V: Double integral, change of order of integral, Gauss and Stokes theorem.	15	17/01/2022	27/01/2022	09	

ANNUAL PLAN

Session: 2021-2022 Class: B.Sc. II (Sem IV) Section: PCM, CDS
 Subject: Mathematics Paper / Unit: III (Modern Algebra)

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	<u>Unit-I</u> : Group, sub group, properties of a group, permutation of a group.	20	10/2/2022	16/3/2022	27	
2)	<u>Unit-II</u> : Normal subgroup, Algebra of normal subgroup, quotient group.	10	17/3/2022	4/4/2022	14	
3)	<u>Unit-III</u> : Homomorphism, Kernel of homomorphism, Fundamental theorem of homomorphism.	10	4/4/2022	21/4/2022	13	
4)	<u>Unit-IV</u> : Ring, integral domain, field, properties of ring, subring, prime field.		22/4/2022			
5)	<u>Unit-V</u> : Ideal: Definition of ideal, right ideal, prime ideal, maximal ideal, quotient ring.					

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc. II (Sem IV) Section : PCM, CPS, ETC
 Subject : Mathematics Paper / Unit : I (Analysis)

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	<u>Unit-I</u> : Riemann Integral, Fundamental theorem of integral calculus, Mean value theorem.	10	24/11/2021	6/12/2021	10	
2)	<u>Unit-II</u> : Improper integrals and their convergence, comparison and limit-test, Beta and gamma functions.	10	7/12/2021	23/12/2021	13	
3)	<u>Unit-III</u> : Analytic function, Cauchy Riemann equations, Harmonic functions, Milne Thomson method.	10	4/10/2021	20/10/2021	11	
4)	<u>Unit-IV</u> : Mobius transformation, fixed point, cross ratio, and conformal mapping.	10	21/10/2021	23/11/2021	10	
5)	<u>Unit-V</u> : Metric spaces, neighbourhood, limit point, interior point, open and closed sets, Cauchy sequence	14	24/12/2021	13/01/2022	16	

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc III (Sem VI) Section PCM, COS
 Subject : Mathematics Paper / Unit : III (Linear Algebra)

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	<u>Unit-I</u> : Vector space : Def ⁿ and examples, Subspaces, linear dependence, indepen- dence and Basic properties, Dimensions.	10	9/02/ 2022	2/3/ 2022	15	
2)	<u>Unit-II</u> : Linear transformations, Algebra of linear transformation, Rank-Nullity theo.	15	03/03/ 2022	31/03/ 2022	22	
3)	<u>Unit-III</u> : Dual spaces : Bidual spaces, Iso- morphism, Eigenvalues, and Eigen vectors.	07	4/4/ 2022	13/4/ 2022	08	
4)	<u>Unit-IV</u> : Inner product spaces, Cauchy-schur- arz inequality, Gram Schmidt process, Bessel's inequality.	08	16/4/ 2022	28/04/ 2022	09	
5)	<u>Unit-V</u> : Modules submodules, quotient modules, homomorphism and isomorphism. theorem.		30/4/ 2022			

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	9:40 - 10:30	10:30 - 11:20	11:20 - 12:10	12:10 - 1:00	1:15 - 2:05	2:05 - 2:55	2:55 - 3:45	3:45 - 4:35	4:35 - 5:25
Day									
Mon		III	I	M.Sc. II			II		
Tue		III		M.Sc. II	I (Tu) F2		II		
Wed	I	II	III	M.Sc. II					
Thu		II	III	M.Sc. II	I				
Fri		II		M.Sc. II	III (Tu) T2			I	
Sat		III	II	M.Sc. II		II (Tu) S3			

Personal Time Table(Practical) (Tutorials)

Morning					Evening				
Periods	1	2	3	4	5	6	7	8	
Time	10:30 - 11:20	11:20 - 12:10	12:10 - 1:00	1:15 - 2:05	2:05 - 2:55	2:55 - 3:45	3:45 - 4:35	4:35 - 5:25	
Day									
Mon									
Tue				I (Tu) F2					
Wed									
Thu									
Fri				III (Tu) T2					
Sat					II (Tu) S3				

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER : Dr. Ashwina N. Rangari							
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs.	Min	
MON	B.Sc. I	11:20	—	50 min	3 hrs.	3 hrs.	6 hrs.
	B.Sc. II	2:55		50 min			
	B.Sc. III	10:30		50 min			
	M.Sc. II	12:15		60 min			
TUE	B.Sc. II	2:55	F2 batch	50 min	3 hrs.	4 hrs.	7 hrs.
	B.Sc. III	10:30	Tutorial	50 min			
	M.Sc. II	12:10	B.Sc. I	50 min			
			1:15-2:5	60 min			
WED	B.Sc. I	9:40	—	50 min	3 hrs.	4 hrs.	7 hrs.
	B.Sc. II	10:30		50 min			
	B.Sc. III	11:20		50 min			
	M.Sc. II	12:10		60 min			
THU	B.Sc. I	1:15	—	50 min	3 hrs.	3 hrs.	6 hrs.
	B.Sc. II	10:30		50 min			
	B.Sc. III	11:20		50 min			
	M.Sc. II	12:10		60 min			
FRI	B.Sc. I	3:45	1:15-2:05	50 min	3 hrs.	4 hours	7 hrs.
	B.Sc. II	10:30	Tutorial	50 min			
	M.Sc. II	12:10	B.Sc. III	50 min			
			T2 Batch	60 min			
SAT	B.Sc. II	11:20	Tutorial	50 min	3 hrs.	3 hrs.	6 hrs.
	B.Sc. III	10:30	B.Sc. II	50 min			
	M.Sc. II	12:10	2:05-2:55	50 min			
			S3 Batch	60 min			
TOTAL	21 Lectures	—	03 Tutorials	24 periods	21 hrs.	21 hrs.	42 hrs. 40 hrs.

Rangali

Sign. of Teacher

(Dr. A. N. Rangali)

Sign. of Principal

(Dr. Y. B. Grandale)

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya,
Dhamangaon (Rly.), Dist. Amravati.
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ACADEMIC DIARY

S. A. Rodge
Department of Electronics
2021 - 22

Communication :
website : www.adarshamv.org
E-mail : amvdmn2010@gmail.com
Telephone : 237045(Office)
237288 (Resi.)

Classic Printers-Amd Ph.2563113, 9866107884

Academic Diary



PERSONAL INFORMATION

- 1) Name : S. A. Rode
- 2) Qualification : M.Sc., ADCSSA, Ph.D.
- 3) Designation : Associate Prof.
- 4) Course : ELECTRONICS
- 5) Residensial Address : Pushkarna Nagar, Juncal Dhamangaon
Dhamangaon Rly. Pin-466709
- 6) Telephone No : 07222238296 (Res.)
- 7) Telephone No : 07222237045 (Dept.)
- 8) Mobile No : 9421736116
- 9) E-mail : sunyabont09@gmail.com
- 10) PAN No. : AATPR1863R
- 11) G.P.F. Account No. : _____
- 12) Bank Account No : 20251399745
- 13) Vehicle No : MH27AC5119
- 14) Driving Licence No. : MH2720010023663
- 15) Insurence Policy No. : -
- 16) Blood Group : AB (+ve)

ANNUAL PLAN

Session : 21-22 Class : _____ Section: _____
 Subject : _____ Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	%
			From	To		
	UNIT I: Binary Arithmetic & Logic gates: Binary, Octal & Hexadecimal number system and their interconversion, Binary arithmetic (addition and subtraction using 1's & 2's complement), multiplication & division. Binary codes: 8421 BCD, Excess-3 & Gray code. NOT, OR, AND, NAND, NOR gates (definition and truth table), EXNOR & EXOR gates, Half adder, full adder, 4 bit binary full adder.	10	14/02	24/02	11	
	UNIT II: Boolean Algebra & Logic families: Boolean laws, De-morgans theorem, Simplification of Boolean equations using Boolean algebra, Fundamental products & sum terms, K-map (K-map up to 4 variable). Classification of logic families, characteristics (Fan-in, Fanout, Noise immunity, Propagation delay, Power dissipation), DTL, TTL & CMOS logic.	10	25/02	06/03	10	
	UNIT III: Multivibrators and Flip Flops: Construction & working of Astable, monostable and Bistable transistorised multivibrators, RS, CK-RS, D, JK, JKMS and T Flip Flops (Logic diagram, Truth table, construction & working), Concept of edge trigger Flip-Flop, Concept of preset & clear terminal.	10	07/03	17/03	11	

ANNUAL PLAN

Session : _____ Class : _____ Section: _____
 Subject : _____ Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc. I Semester II (Electronics) 2S-ELECTRONICS Digital Electronics UNIT IV: Counters and Shift registers: Asynchronous & synchronous Counter, Up-down counters (up to 4-bits), modified asynchronous counter (Mod -7, Mod-10, and Mod-13). Types of shift registers, SISO, SIPO, PISO & PIPO, IC version of Mod-10 shift registers (Construction & working), IC version of shift register-7495, Application of shift register. Ring counter, Johnson's counter.	10	18/03	28/03	11	
	UNIT V: Combinational logic circuit: Encoder: Binary to BCD, Decimal to BCD, IC 74147, Decoder: 2 to 4 line, BCD to decimal, BCD to 7 segment, IC 7447, Multiplexer: 4X1, 8X1, De multiplexer: 1X4, 1X8, (Definition, construction, operation and application of above).	10	29/03	10/4	12	
	UNIT VI: Semiconductor Memories: Concept of memory, primary and secondary memory, classification of memories, volatile and non volatile memories, memory Hierarchy, semiconductor memory: RAM, ROM, PROM, EPROM, EEPROM, flash memory..	10	11/04	21/04	12	
	Revision Unit-I	02	22/04	25/4	05	
	Unit-II	03	25/04	30/04		
	Unit-III	03	1/05	5/05		
	Unit IV	04	6/05	12/05		

ANNUAL PLAN

Session : _____ Class : _____ Section : _____
 Subject : _____ Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	UNIT I: Modulation and Demodulation: Need for modulation, AM theory, Power relation, Theory of FM, Numerical on AM and AM Systems, frequency spectrum of FM. Generation of AM and FM. Collector modulator, diode reactance modulator, Demodulator: diode detector, slope detector. Transmitter and receiver. Block diagram and working of AM and FM transmitter and receiver.	15	15/02	15/03	15	
	UNIT II: Fiber Optic Communication: Introduction, advantages of OFC, types of fibers, internal reflections, numerical aperture. Optical Sources: Semiconductor injection LASER, LED, (power and efficiency characteristics). Optical detectors: Photodiode, PIN diode, Phototransistor. Optical fiber connection: Joiner and coupler, fiber alignment and joint losses, connector couplers.	15	16/03	15/04	15	
	UNIT III: Pulse Modulation and Digital Communication: Pulse Modulation, Sampling Theorem, PAM, PWM, PPM and PCM (Bandwidth of PCM, Quantizing Noise), application of PCM. Multiplexing Principles: TDM and FDM, Comparison of FDM and TDM.	11	16/04	4/05	11	

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	
Time	10.30	11.20	12.10	1.15	2.05	2.55	3.45	4.35	5.25
Day									
Mon		II		I		← T ₃ , T ₄ III Pract →			
Tue		II		II					
Wed				II	I				
Thu					I	← F ₃ , F ₄ I Pract →			
Fri	I								
Sat	I					← S ₃ , S ₄ II Pract →			

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	10.30	11.20	12.10	1.15	2.55	2.55	3.45	4.35
Day								
Mon						← T ₃ , T ₄ III Pract →		
Tue								
Wed								
Thu						← F ₃ , F ₄ I Pract →		
Fri								
Sat						← S ₃ , S ₄ II Pract →		

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.I Section: Sem I
 Subject : Electronics Paper /Unit : 1S-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc. I Semester I (Electronics) 1S-Electronics Basics of Electronics UNIT I: Passive Components and Network theorems : Introduction to Resistors, Capacitors, Inductors and Transformers, Concept of ideal dc voltage and current source, KVL, KCL, Thevenin's, Norton's, maximum power transfer, Millman's theorem (statement, proof, simple numerical application for dc only). UNIT II: Measuring Instruments: Principles of voltmeter, ammeter, ohmmeter, Multirange DC voltmeter, ohm per volt rating, loading effect, Multirange DC Ammeter, Series & shunt type ohmmeter, Multimeter (uses & drawback), CRO Block diagram & explanation, CRT construction & working, uses of CRO (measurement of frequency, amplitude & phase.) UNIT III: Semiconductor Diode and Regulated power supply: Operation and characteristics of PN junction diode, Avalanche and Zener breakdown mechanism, Half wave and full wave rectifiers (ripple factor, efficiency, PIV ratings), C, L and π filters, Concept of unregulated and regulated power supply, Zener diode voltage regulator, Three terminal IC regulator.	13 15 12	11/10/2021 15/11/2021 20/12/2021	11/11/2021 15/12/2021 11/01/2022	13 14 11	Completed Completed Completed

ANNUAL PLAN

Session : 2021-22 Class : B.Sc. II Section:
 Subject : Electronics Paper /Unit : 3S-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	
			From	To		
	B.Sc. II Semester III (Electronics) 3S-ELECTRONICS Electronic Devices and Circuits UNIT I: Hybrid-parameters & Cascaded amplifiers: Hybrid-parameters, transistor equivalent circuit of CE, CB, Analysis of small signal CE amplifiers. Concept of cascaded amplifier, Types of coupling, RC Coupled Amplifier, Single Tuned amplifiers.	15	27/09/2021	8/11/2021	15	G
	UNIT II: Power Amplifier: Classification of power amplifier, Class A, Class B, Class C and Class AB amplifiers, Class A - transformer coupled amplifier, Class-B push-pull amplifier (Construction, working and efficiency of each). Distortion, complementary symmetry Class-B push-pull amplifier.	14	9/11/2021	07/12/2021	14	Co
	UNIT III: Feedback amplifiers and Oscillators: Concept of feedback, feedback theory, positive and negative feedback, advantage of negative feedback, physical idea of feedback, (Block diagram only), concept of oscillator, basic elements of oscillator, Barkhausen Criteria of oscillation, concept of tank circuit. RC oscillators, Phase shift and Wein bridge oscillator, LC oscillator- Colpitts and Hartley oscillator, Crystal oscillator.	14	08/12/2021	11/01/2022	15	Co

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.III Section: Sem.V
 Subject : Electronics Paper/Unit : 5S-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc. III Semester V (Electronics) 5S-ELECTRONICS Measuring Instruments UNIT III: Timer and PLL: IC 555 timer: Block diagram and function of each block, application of 555 timer as astable, bistable and monostable multivibrator (construction, working and expression for time period). PLL Block diagram and function of each block, concept of capture range, pull in time, lock in range, electrical characteristics, applications of PLL as FM demodulator, AM detector and frequency synthesizer. UNIT V: Sensors and Actuators: Sensors: Definition, Methods of fabrication of Sensors, Types of sensors (Mechanical, Thermal, Optical, magnetic, chemical). Actuators: Definition, Working principles of Electromechanical, Electro thermal, Electro-optical and Electrochemical Actuators. UNIT VI: Biomedical Electronics: Introduction, Type of electrode, EEG, EMG, ECG-block diagram and function of each block, X ray machine, instantaneous heart rate meter-systolic and diastolic blood pressure meter, EAR oximeter, pulse Oximeter, range gated pulse Doppler blood flow meter, Laser Doppler blood flow meter.	13	07/10/2021	10/10/2021	12	Completed
		13	11/11/2021	16/12/2021	12	Completed
		12	18/12/2021	15/01/2022	10	Completed

ANNUAL PLAN

Session : 2021-22 Class : B.Sc-II Section: Sem IV
 Subject : Electronics Paper /Unit : 45-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	UNIT IV: Architecture and timings of 8085 Evolution of microprocessor, microcomputer (Block diagram with function of each block), architecture of Intel 8085 microprocessor, function of each block of 8085, Functional pin diagram and function of all pins of 8085, instruction format, instruction cycle, fetch and execute operation, machine cycle and state, timing diagram of MOV and MVI instructions.	12	18/02/2022	19/03/2022	11	Completed
	UNIT V: Instruction and programming of 8085: Addressing mode, classification of instruction set of 8085 with examples, concept of stack and stack pointer, PUSH and POP instruction, Concept of subroutine: CALL and RET instruction, Delay subroutine (using one register and register pair), Programming: Algorithm, Flowchart, Assembly and machine language, assembly language program such as programme for addition, subtraction, multiplication, division, finding maximum and minimum numbers etc.	13	24/03/2022	29/03/2022	12	Completed
	UNIT VI: Interfacing: Basic interfacing concept, memory mapped I/O and I/O mapped I/O Schemes, data transfer schemes, 8255 PPI block diagram, function of each block, Functional pin diagram, function of each pin, operating modes of 8255 PPI, control word format in I/O and BSR mode, illustrative example.	10	29/03/2022	21/05/2022	10	Completed

ANNUAL PLAN

Session : 2021-22 Class : B.Sc. III Section: Sem V

Subject : Electronics Paper /Unit : 6S-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc. III Semester VI (Electronics) 6S-ELECTRONICS Advance Microprocessor and Microcontroller UNIT I : 8086 Architecture: Block diagram of 8086 microprocessor, BIU and EU, operating modes of 8086, register of 8086-G.P.R, pointer and index register, segment register, concept of segmented memory, instruction pointer, status flag, pin diagram of 8086 microprocessor, physical and effective address.	12	14/02/2022	05/03/2022	11	Complete
	UNIT II: Instructions and programming of 8086 Instructions: MOV, PUSH, POP, LEA, LDS, LFS, Arithmetic & Logic Instructions, Addressing mode, 8086 instruction, Bus cycle, Programming: programs of data transfer, addition, subtraction, division, multiplication using various addressing mode.	12	07/03/2022	21/03/2022	12	Complete
	UNIT III: 8051 Microcontroller Architecture: Microcontroller Introduction, Difference between Microprocessor and Microcontroller, block diagram of microcontroller, CPU, registers, flags, PSW, PC, Data Pointer, SFR, SP, Internal RAM/ROM, External memory, I/O ports, counter & timers, interrupts.	11	22/03/2022	05/04/2022	11	Complete

ANNUAL PLAN

Session : 2021-22 Class : B.Sc. III Section: Sem VI
 Subject : Electronics Paper /Unit : 6S-Electronics

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc. III Semester VI (Electronics) 6S-ELECTRONICS Advance Microprocessor and Microcontroller UNIT IV: Instruction set of 8051 and Programming: Addressing mode, Instruction set: Data transfer, arithmetic, logical operation, JUMP, Loop and CALL instructions. Assembly language programming examples: simple data transfer, arithmetic, logical and single bit. UNIT V: 8051 Interfacing & Application: Basics of serial communication, interfacing with RS-232C, SCON and PCON registers, interfacing a DAC / ADC and waveform generation, interfacing to the 8255, interfacing LED, power reduction mode. UNIT VI: Advance microcontroller: Introduction to AVR, Arithmetic and logic Unit, program and data memories, downloadable flash program memory, SRAM data memory, general purpose register file, I/O register, EEPROM data memory, peripherals, Timers/ Counters.	10	06/04/2022	23/04/2022	10	Completed
		10	25/04/2022	02/05/2022	10	Completed
		10	04/05/2022	23/05/2022	10	Completed

Personal Time Table(Theory)

w.e.f. 21/09/202

Periods	1	2	3	4	5	6	7	8	9
Time	9:40	10:30	11:20	12:10	1:15	2:05	2:55	3:45	4:35
Day									
Mon			B.Sc. II		B.Sc. I		← Practical T ₃ , T ₄ →		
Tue			B.Sc. II		B.Sc. I		← Practical T ₃ , T ₄ →		
Wed					B.Sc. II	B.Sc. I	← Practical F ₃ , F ₄ →		
Thu								B.Sc. III	
Fri					B.Sc. III		← Practical S ₃ , S ₄ →		
Sat				B.Sc. III					

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	10:30	11:20	12:10	1:15	2:05	2:55	3:45	4:35
Day								
Mon						←	T →	
Tue						←	T →	
Wed						←	F →	
Thu								
Fri						←	S →	
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER : Mr. Swapnil K. Shelke

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.Sc. II	11:20 - 12:10	B.Sc. III T ₃ , T ₄	2:55 - 5:25	04 : 10	10:45 AM to 5:40 PM	6:55
	B.Sc. I	1:15 - 2:05					
TUE	B.Sc. II	11:20 - 12:10	B.Sc. III T ₃ , T ₄	2:55 - 5:25	04 : 10	10:50 AM to 5:30 PM	6:40
	B.Sc. I	1:15 - 2:05					
WED	B.Sc. II	1:15 - 2:05	B.Sc. I	2:55 - 5:25	04 : 10	10:50 AM to 5:35 PM	6:45
	B.Sc. I	2:05 - 2:55					
THU	B.Sc. III	3:45 - 4:35	-	-	00 : 50	10:45 AM to 5:40 PM	6:55
FRI	B.Sc. III	1:15 - 2:05	B.Sc. II	2:55 - 5:25	03 : 20	11:00 AM to 5:30 AM	6:30
SAT	B.Sc. III	12:10 - 1:00	-	-	00 : 50	11:00 AM to 5:30 PM	6:30
TOTAL	B.Sc. I	03	B.Sc. I	03	17 : 30	40 hrs & 15 min	40 hrs & 15 min
	B.Sc. II	03	B.Sc. II	03			
	B.Sc. III	03	B.Sc. III	06			

Shelke

Sign of Teacher

Sign of Principal

Principal
Dharmadas P. Chaudhary
Comm
DHAMADAS P. CHAUDHARY

Academic Diary

PERSONAL INFORMATION

- 1) Name : Dr. Moya V. Mawale
- 2) Qualification : PhD (Computer Science)
- 3) Designation : Assistant Professor
- 4) Course : BSC I, II, III
- 5) Residensial : _____
Address : _____
- 6) Telephone No : _____ (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 82 7521 7535
- 9) E-mail : naanka@rediffmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No : _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurance Policy No. : _____
- 16) Blood Group : Not given

ANNUAL PLAN

Session : 2021-2022 Class : BSC I Section : Sem I
Subject : CPS Paper /Unit : IS

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	UNIT-IV : Programming Concept : Algorithm flowcharting programming languages, assembler, interpreter, compiler programming process : program design, coding compilation, Execution, testing, debugging documentation structured programming : features and approaches.	11	04-09 2021	16-10 2021	11	
2.	UNIT-V : Elements of C : Introduction to C, History, features structure of C program, header file, character set, keywords, identifiers, constants, variables, basic data types, symbolic constants, typedef operators & Expressions : Arithmetic, Relational, logical assignment, Increment and decrement, precedence of operators.	11	23-10 2021	20-11 2021	11	
3.	UNIT-VI : I/O Operations : Formatted I/O : Printf (), Scanf (), Unformatted I/O : getch (), getche (), getchar (), putchar (), putche (), puts (), Control structure : if, if... else, nested if, conditional operator, switch, goto, for, while, do..while, nesting of loops, break, continue	12	22-11 2021	22-12 2021	12	

ANNUAL PLAN

Session : 2021-2022 Class : BSc II Section: Sem III
 Subject : CPS Paper /Unit : 35

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit IV : Object Oriented Programming: features, advantages and applications of oops. Introduction to C++, Program structure in C++. Classes and Objects: classes and objects specifiers, defining data member and member functions; accessing members. Managing console I/O : Formatted and Unformatted, Usage of manipulators, memory allocation operators: new and delete, scope resolution operator.	15	31/8 2021	22/10 2021	15	
2.	Unit V: Functions in C++: Passing objects to and returning objects from functions. Function overloading and default argument, Inline function, Friend function. Array of Objects, Pointer to objects, 'this' pointer. Constructor and Destructor: Types of constructor, Usage of Constructor.	16	27/10 2021	16/12 2021	16	
3.	Unit VI : Operator Overloading : Definition, Overloading unary and binary operators. Inheritance: Definition, Visibility mode; Types of inheritance with example, virtual base classes and abstract base classes.	11	21/12 2021	14/1 2022	11	

ANNUAL PLAN

Session : 2021-2022 Class : BSc III Section: Sem V
 Subject : CPS Paper /Unit : 55

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit IV : Introduction to JAVA : History and evolution ,Feature, JDK, JVM, Difference between C++ and Java, Structure of Java Program, Keywords, Variable, Data types and Literals, Operators Control of Flow, (Selection Statements, Iteration Statements), Command Line Argument, One dimensional and two dimensional array.	13	31/8 2021	14/10 2021	13	
2.	Unit V : Classes and inheritance: Class, Object, Method, Overloading Method, Constructor, Constructor Overloading, this Keyword, Inheritance: Introduction to Inheritance, Super, Multilevel Hierarchy, method overriding, Abstract class, Using Final (variables , methods and classes).	11	21/10 2021	25/11 2021	11	
3.	Unit VI : String, Package and Interface: String: String operation, String comparison, Searching and modifying string, Package: Package concept, Defining Package, Finding Package, Java In-built Packages Interface: Interface concept, Defining, and Implementing of Interface.	11	30/1 21	23/12 21	11	

ANNUAL PLAN

Session : 2021-2022 Class : BSC I Section: Sem II
Subject : CPS Paper /Unit : 25

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	UNIT-IV : Function : Definition, prototype, local & global variable, function parameter, function calling and return, return values and their types, function recursion Arrays : Declaration and initialization of one and two dimensional arrays, function with array.		16.02 22	5.03 22	11	
2.	UNIT-V : String Handling : Declaring and initialization of string variable , operations on string : String copy comparison, concatenation. Pointers : Declaration and initialization, pointer and address arithmetic , Pointer comparison, Pointer and array.		7.03 22	8.04 22	12	
3.	UNIT-VI : Structure : Definition and declaration , initialization, array of structure , nested structure Union File Handling : Definition and opening a file, closing a file , I/O Operations on file : fgetc(), fputc(), fputs(), fgets(), fscanf(), fprintf(), fread(), fwrite().		9.04 22	7.05 22	14	

ANNUAL PLAN

Session : 2021-2022 Class : BSC II Section: Sem IV
Subject : CPS Paper /Unit : 45

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	UNIT-III : Introduction to SQL : Components of SQL, data types, operators, DDL Commands : CREATE, ALTER, DROP, RENAME for tables. Data Integrity and types of integrity constraints. DML Commands: SELECT, INSERT, DELETE & UPDATE; Clauses: ORDER By, GROUP By and Having clause.	13	17.02 22	28.03 22	13	
2.	UNIT-IV : Functions : Number Functions: AVG, MAX, MIN, SUM, COUNT, TO-NUMBER, GREATEST, LEAST, ABS, MOD, FLOOR, CEIL, TRUNC, SQRT, SIGN, SIN, COS, LOG, EXP. Character Function : INITCAP, LOWER, UPPER, INSTR, LENGTH, LTRIM, RTRIM, LPAD, RPAD, SOUNDEX, Conversion Functions: TO_Number, TO_Character, DECODE. Date functions: ADD_Months, Last_Day, Months_Between, Next_Day, Sys_Date, New_Time. Joins : Self join, equijoin and outer join.		28.03 22	22.04 22	14	
3.	UNIT-V: PL/SQL: Features and block structure, variables and constant, data types, control structure. Cursor: Concepts of cursor, types, declaring, opening, using cursors, fetching data, closing a cursor, cursor attributes. Trigger: create, Types, Creating Before and After Trigger,		27.04 22	15.05 22	14 with Extra	

ANNUAL PLAN

Session : 2021 - 2022 Class : BSC III Section : Bem V
 Subject : CPS Paper /Unit : 65

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit I : Exception Handling and Multithreading : Exception Handling: Concept of Exception handling, Type of Exception, Try, Catch, and Finally. Multiple Catch blocks, Nested Try Statements, throw, throws. Multithreading: Multithreading concept, life cycle, creating and running thread, thread priority.		17.02 <u>22</u>	4.03 <u>22</u>	12	
2.	Unit II : Applet: Introduction to Applet, Applet life cycle, HTML applet tag with all attributes, Running the applet, Passing parameters to applets, Displaying using applet viewer, getDocumentBase() and getCodeBase() methods, Applet context, Applet vs Application, Graphics introduction, Graphic class, draw lines, circle, rectangle, ellipse.		8.03 <u>22</u>	5.04 <u>22</u>	12	
3.	Unit III : Event Handling and AWT: Introduction, Event delegation model, Java AWT event description, sources of event, Event listener interfaces, Adapter classes, Inner classes. AWT (Abstract Window Toolkit): Introduction, AWT Controls Label, Button, Checkboxes, Lists, ScrollBar, TextField, TextArea, Layout manager.		8.04 <u>22</u>	6.05 <u>22</u>	13	

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	10.30	11.20	12.10	1.05	2.05	2.55	3.45	4.35	
Day	Mon	BSC I							
Tue			BSC III				BSC II		
Wed		BSC I							
Thu	BSC III		BSC II						
Fri		BSC III	BSC II						
Sat						BSC I			

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	10.30	11.20	12.10	1.15	2.05	2.55	3.45	4.35
Day	Mon		←	BSC II	→			
Tue								
Wed			←	BSC III	→			
Thu								
Fri								
Sat			←	BSC I	→			

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER :

NAME OF TEACHER					WORK LOAD Hrs. : Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
DAY	TIMING OF TEACHING WORK / PRACTICAL ALLOTTED						
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	BSC I	10:30 to 11:20	BSC II	12:10 to 2:55	3 : 20	10:30 ^{am} to 5:10 ^{pm}	hrs min 6:40
TUE	BSC III BSC II	12:10 to 1:00 3:45-4:35	BSC II	-11- 8:55	1 : 40 1 : 40	-11-	6:40
WED	BSC I	11:20 to 12:10	BSC III	12:10 to 2:55	3 : 20	-11-	6:40
THU	BSC III BSC II	10:30 to 11:20 12:10-1:00	-11-	-11-	1 : 40 1 : 40	-11-	6:40
FRI	BSC III BSC II	11:20 to 12:10 12:10-1:00	BSC I	-11-	1 : 40 1 : 40	-11-	6:40
SAT	BSC III	2:55 to 3:45	BSC I	12:10 to 2:55	3 : 20	-11-	6:40
TOTAL					15 : 00 5 : 00 20 : 00	-11-	40:00

Sign. of Teacher

Sign. of Principal

Monthly Formate

Month :

Class _____ Group _____ Paper _____

Unit allotted _____ Unit covered _____ Unit Remaining _____

No. of Periods Due _____ No. of Periods Engaged _____

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

Monthly Formate

Month :

Class _____ Group _____ Paper _____

Unit allotted _____ Unit covered _____ Unit Remaining _____

No. of Periods Due _____ No. of Periods Engaged _____

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

Monthly Formate

Month :

Class _____ Group _____ Paper _____

Unit allotted _____ Unit covered _____ Unit Remaining _____

No. of Periods Due _____ No. of Periods Engaged _____

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students _____

Sign. of Head

Sign. of Teacher

Academic Diary

PERSONAL INFORMATION



- 1) Name : SAURABH ASHOK GHOGARE
- 2) Qualification : M.Sc, Ph.D
- 3) Designation : Assistant Professor
- 4) Course : Computer Science
- 5) Residensial : Rathni Nagar, Dharamnagar Paly
Address : _____
- 6) Telephone No : _____ (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9503609987
- 9) E-mail : Saurabh.a.ghogare@gmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60013702113
- 13) Vehicle No : MH27 BV 3837
- 14) Driving Licence No. : _____
- 15) Insurance Policy No. : _____
- 16) Blood Group : AB⁺

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-I Section: Sem-I
Subject : Computer Science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Sc.-I Sem-I Computer Fundamentals of Information Technology and C Programming UNIT-I: Introduction to Computers: Characteristics, Generation & Classification of computers, Block diagram of computer, Memory and their types: Primary and Secondary, Flash & Serial access Memory, Peripheral Devices: Keyboard, Mouse, Scanner, Printer: Impact, Non-Impact, DMP, inject, Laser		23/09 2021	04/11 2021	15	Completed
	Unit-II: Introduction to OS: Need, Types of OS: Batch, Multiprogramming, Time sharing, online real time system, features of Unix OS, Windows XP & windows 7. File Handling: File naming, Files Structure, File Types, File access, File Attributes: protection, password, creator, owner, hidden flag, read only flag, actual size. Operation on file: create, delete, open, close, read, write, append, seek, rename.		05/11 2021	10/12 2021	15	Completed
	UNIT-III: Networking: Introduction, Need of computer communication network, communication protocol, types of network. Topology: Star, Ring, Bus & Mesh. Introduction to internet: History, types of internet connection: Direct, dialup, broadband, Internet protocol: TCP/IP, FTP, HTTP, Domain, URL, e-mail address, Web browser: Internet Explorer, Netscape navigator, search engines.		14/12 2021	13/01 2022	14	Completed
	PRACTICAL		01/09 2021	07/01 2022	13	Completed

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-I Section: Sem-II
Subject : Computer science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B. Sc-I, Sem-II Web Technology and Advance Programming in C Unit I: HTML: History of Markup language, introduction to HTML, Structure of HTML Document, Elements, Attributes, Tags: <HTML>, <HEAD>, <TITLE>, <BODY>, heading Tag, <P>, , , <I>, <HR>, table tag, list tag, <A>, <LINK>, , <MARQUEE>, <BLOCKQUOTE>, attributes: align, background color, text color.		17/02 2022	22/02 2022	13	Completed
	UNIT II: Style sheet: Introduction, Advantages and application of style sheet, CSS: introduction, syntax of CSS with example, Type of style sheet (Internal, External and Inline), Units, classes and ID attributes, Properties: Text, font, color, background, border, display, height, line-height, margin, width, CSS width HTML and XML.		24/03 2022	05/05 2022	13	Completed
	UNIT III: XML: Features of XML, Simple XML document, Elements, Attributes, Components of XML document: document prolog and document instance. DTD (Document type Definition): Introduction, Need of DTD, declaring elements, element content model, declaring attributes, attribute types, internal and external DTD.		06/05 2022	31/05 2022	12	Completed
	PRACTICAL		18/02 2022	27/05 2022	12	Completed

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-II Section: Sem-III
Subject : Computer science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B. Sc-II, Sem-III Data Structure and C++ Unit I: Data structure: Introduction to data structure, types of data structure: primitive and non-primitive, linear and non-linear data structure, data structure operations. Linear arrays: Definition and concepts, representations, operations on arrays: traversing, inserting, deleting. Stacks: Definition and concepts, representations, operations on stacks: Push, Pop		27/03 2021	03/11 2021	15	Completed
	Unit II: Queues: Definition and concepts, representations, operations: Insert and delete; concept of circular queue, dequeue, priority queue. Linked List: Introduction, implementation of linked list, types of linked list: single, circular and doubly linked list. Operations on linked list: Insert, Delete, Search.		06/11 2021	03/11 2021	15	Completed
	Unit III: Trees: Definition and concept, binary tree, traversing operations: in order, pre-order, post-order Sorting and Searching: Definition and concept, sorting techniques: bubble, selection, insertion, merge and quick sort. Searching techniques: Sequential and binary searching.		11/12 2021	15/02 2022	15	Completed
	PRACTICAL		28/09 2021	11/01 2022	15	Completed

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-II Section: Sem-IV
Subject : Computer Science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B. Sc-II, Sem-IV Computer Science / Computer Application/ Information Technology RDBMS and PL/SQL					39
	UNIT-I: Fundamental of DBMS: Traditional file approach and comparison with DBMS Architecture of a database system, Data base approaches, storage structures, data representation, data independence, database models: Relational, Hierarchical, network, Relational Algebra, Object Based model, data dictionary and Database Administration.					
			16/02	21/03	13	Completed
			2022	2022		
	UNIT-II: Relational Model: Relations, Domains and Attributes, keys, E-R diagrams, Reducing E-R diagrams to tables, function dependency, Entity, Relationship, Mapping Constraints, Normalization: 1NF, 2NF, 3NF, 4NF, BCNF.					
			23/03	30/04	13	Completed
			2022	2022		
	UNIT-VI: Transaction: Rollback, commit and save point, rollback segment. Create Procedure and create function. Securities of Database: Users, creating users, roles, creating roles, types of privileges, GRANT, REVOKE command, Table and Row Locking.					
			02/05	30/05	13	Completed
			2022	2022		
	PRACTICAL					
			22/02	31/05	13	Completed
			2022	2022		

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-III Section: Sem-IV
Subject : Computer Science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B. Sc-III, Sem-V .Net Technology and Java Programming					45
	Unit I: Introduction to .NET Framework: NET framework, MSIL, CLR, CLS, CTS, Namespaces, Assemblies the Common Language Implementation, Assemblies, Garbage Collection, The End to DLL Hell - Managed Execution					
			27/03	03/11	15	Completed
			2021	2021		
	Unit II: Introduction to visual programming: Concept of event driven programming - Introduction to VB.Net environment, the .NET Framework and the Common Language Runtime. Building VB.NET Applications, The Visual Basic Integrated Development- Basic Language-Console application and windows application, Data types, Declaring Variables, scope of variables, operators and statements.					
			06/11	09/12	15	Completed
			2021	2021		
	Unit III: Decisions and loop: Making Decisions with If-Else Statements, Using Select Case, Making Selections with Switch and Choose, Loop Statements-Do Loop, for, while-The with Statement- Handling Dates and Times - Converting between Data Types- Arrays - declaration and manipulation - Strings & string functions - Sub Procedures and Functions					
			11/12	15/01	15	Completed
			2021	2022		
	PRACTICAL					
			30/03	13/01	16	Completed
			2021	2022		

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc-III Section: Sem-VI
 Subject : Computer science Paper /Unit :

S.No.	Unit & Topic	Required Lectures	Duration From To	Periods Taken	Remarks
	B. Sc-III, Sem-VI Advanced Java and VB.net Unit IV: Windows Applications: Forms: Adding Controls to Forms, Handling Events, MsgBox, InputBox, Working with Multiple Forms, Setting the Startup Form, SDI & MDI Forms, Handling Mouse & Keyboard Events, Common controls: Text Boxes, Rich Text Boxes, Labels, Buttons, Checkboxes, Radio Buttons, Group Boxes, List Boxes, Checked List Boxes, Combo Boxes, Picture Boxes, Scroll Bars, Tool Tips, Timers, properties-methods		16/02 <u>21/03</u> 20/21 <u>20/22</u>	13	Completed
	UNIT V: Object Oriented Programming: Classes and Objects: Class definition, creating objects, Defining Member functions, Methods and Events, Attaching a class with form, Delegates. Exceptions Handling: Exception classes in .net framework, Structured and Unstructured exceptions, tracing errors, breakpoints, watch, Quick watch.		23/03 <u>30/04</u> 20/22 <u>28/22</u>	13	Completed
	UNIT-VI: Data Access with ADO.Net, accessing data with Server Explorer, Accessing Data with data Adaptors and Datasets, creating a new data connection, creating and populating Data set, displaying data in Data Grid, selecting a data provider, Data accessing using Data adapter Control, Binding Data to Controls.		02/05 <u>30/05</u> 20/22 <u>20/22</u>	13	Completed
	PRACTICAL		17/02 <u>26/05</u> 20/22 <u>20/22</u>	14	Completed

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time	9:40	10:30	11:20	12:10	1:45	2:05	2:55	3:45	4:35
Day	Mon			T				S	
Tue		F							
Wed		T		S					
Thu			F						
Fri							F		
Sat			T			S			

Personal Time Table(Practical)

Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time	10:30	11:20	12:10	1:45	2:05	2:55	3:45	4:35
Day	Mon							
Tue				S				
Wed								
Thu				T				
Fri				F				
Sat				T				

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER: Dr. S. A. Ghogre

NAME OF TEACHER: B. S. J							
--	--	--	--	--	--	--	--

Sign of Teacher

Sign of Principal
PRINCIPAL
Adarsha Science, J.B. Arts
& Birla Comm. Mahavidyalaya
Dhamangon Rd.

Monthly Formate

Month: September

Class B.Sc.-I, Sem-I Group Computer Science Paper _____

Unit allotted I, II, III Unit covered I Unit Remaining II, III

No. of Periods Due 03 No. of Periods Engaged 02

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students 100%

Sign. of Head

Sign. of Teacher

Monthly Formate

Month: September

Class B.Sc.-II, Sem-III Group Computer Science Paper _____

Unit allotted I, II, III Unit covered I Unit Remaining II, III

No. of Periods Due 02 No. of Periods Engaged 02

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students 100%

Sign. of Head

Sign. of Teacher

Monthly Formate

Month: September

Class B.Sc.-III, Sem-V Group Computer Science Paper _____

Unit allotted I, II, III Unit covered I Unit Remaining II, III

No. of Periods Due 02 No. of Periods Engaged 02

Extra Periods (with dates) _____

Course covered _____

Average Attendance of students 100%

Sign. of Head

Sign. of Teacher

Academic Diary
(2021-22)

PERSONAL INFORMATION



- 1) Name : Sachin Vijay Manohare
- 2) Qualification : MSc, Ph.D, NET/JRF, GATE
- 3) Designation : Assistant Professor.
- 4) Course : B.Sc. I, II, III.
- 5) Residensial Address : Rushkarna Nagar
Dharamanganoly Dist Amravati
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9011123037 / 9096826056
- 9) E-mail : smnaha66@gmail.com.
- 10) PAN No. : COHPP34KE.
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : MH27BE3927
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : A +.

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Dr. S.V. Manohare

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	BSc. II	12.20-12.40	F ₁ + F ₂	2.55-5.25	4. 10	11.00	7.00
	BSc. III	2.05-2.55				to 06.00	
TUE	B.Sc. II	11.20-12.40			1. 40	11.00	6.5
	B.Sc. III	2.05-2.55				to 05.30	
WED	BSc. I	11.20-12.40	T ₅ + T ₆	12.10	3. 20	11.00	6.5
				- 2.55		to 05.30	
THU	BSc I	11.20-12.40	T ₅ + T ₆	12.10	3. 20	11.00	6.5
				- 2.55		to 05.30	
FRI			T ₁	2.55 - 5.25	2. 30	11.00 to 06.00	7.00
SAT			T ₁	2.55 - 5.25	2. 30	11.00 to 06.00	7.00
TOTAL					17.30		40.5


Sign. of Teacher


Sign. of Principal

Academic Diary

PERSONAL INFORMATION

- 1) Name : Dr. Vishnu Anandrao Sadafale
- 2) Qualification : M.Sc., M.Phil., B.Ed., SET, Ph.D.
- 3) Designation : Assistant Professor
- 4) Course : 36 B.Sc.
- 5) Residensial Address : 36 A, Tuljainagar,
Dhamangaon Rly.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9823887874
- 9) E-mail : vasadafale1980@gmail.com
- 10) PAN No. : DQGPS3008P
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 68009502586
- 13) Vehicle No : MH-27 BG 6808.
- 14) Driving Licence No. : _____
- 15) Insurance Policy No. : _____
- 16) Blood Group : "O" +ve . .

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.II-I Section: _____
Subject : Chemistry Paper /Unit : _____

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1.	Unit-I A. Periodic Properties B. Ionic bonding	14	11.10.2021	06.12.2021	14	
2.	Unit-II A. s-block elements B. p-block elements	14	10.12.2021	18.01.2022	13	

Academic Diary

PERSONAL INFORMATION

- 1) Name : Dr. Mohshah P. Mungse
- 2) Qualification : M.Sc., NET-JRF, Ph.D.
- 3) Designation : Assistant Professor
- 4) Course : B.Sc. Chemistry
- 5) Residensial : Shravagi nagar near AMV, Dhun.
Address : Y14, Dist. - Amravati
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9370115131
- 9) E-mail : hpmungse2010@gmail.com
- 10) PAN No. : CSTPP1662E
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60353547272 (Bank of Maharashtra)
- 13) Vehicle No : MH-49 AS-9154
- 14) Driving Licence No. : MH31 20080091474
- 15) Insurance Policy No. : -
- 16) Blood Group : A + ve

ANNUAL PLAN

Session : 2021-2022 Class : B.Sc. I Section: Sem. I
Subject : Chemistry Paper /Unit : Thermodynamics & Gas State

S.No.	Unit & Topic	Required	Duration		Periods	Remarks
		Lectures	From	To	Taken	
	Unit V - Thermodynamics: Adiabatic and Isothermal processes. Work done in adiabatic and isothermal processes. Evaluation of different expressions showing relationship between pressure, volume and temperature. First law of Thermodynamics and its limitations. Need of Second law. Carnot's heat engine, derivation of expression for the work done and efficiency of Carnot's engine. Statements of Second law of thermodynamics. Concept of Entropy. Physical significance of Entropy. Derivation of expression for the Entropy change for an ideal gas in terms of pressure, temperature and volume. Entropy change for an ideal gas for isothermal, isobaric and isochoric processes. Entropy of fusion, sublimation, vapourization, transition and its calculations. Entropy change for reversible and irreversible processes. Entropy change as a criteria for spontaneity. Numericals.	14	22 nd Oct. 2021	16 th Dec. 2021	15	Unit completed
	Unit VI Part A (Gaseous State): Postulates of Kinetic theory of gases, Derivation of Kinetic gas equation. RMS, Average and Most probable velocities and their relationship. Maxwell-Boltzmann distribution law of molecular velocities (only qualitative treatment), Mean free path, collision number and collision diameter. Deviation of real gases from ideal gas behaviour. Vander waal's equation of state and its derivation for real gases. Critical phenomenon, Andrew's experiment - isotherm of CO ₂ . Critical state, critical constant, P _c , V _c and T _c in terms of Vander waal's constants 'a' and 'b'. Reduced equation of state and its derivation. Law of corresponding state. Numericals.	14	31 st Dec. 2021	21 st Jan. 2022	11	Unit completed
	Part B (Phase Rule): Statement of phase rule, explanation of phase, number of components and degree of freedom. Application of phase rule to water and sulfur system.					

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-2022

NAME OF TEACHER : Dr. H. P. Mungse							
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs.	Min	
MON	-	-	B.Sc. I (F1 & F5)	2.55 TO 5.25	2.00 Hrs 30 min.	11.00 - 5.30 pm	6 Hrs 30 min.
TUE	-	-	B.Sc. I (F1 & F5)	2.55 TO 5.25	2.00 Hrs 30 min.	11.00 - 5.30 pm	6 Hrs 30 min.
WED	-	-	B.Sc. III (T5 & T6) B.Sc. II (S1 & S5)	12.10 TO 2.55 2.55-5.25	5.00 Hrs 00 min.	10.30 - 5.30 pm	7.0 Hrs
THU	B.Sc. III	10.30 TO 11.20	B.Sc. III (T5 & T6)	12.10 TO 2.55	3.00 Hrs 20 min	10.30 - 5.30 pm	7.0 Hrs
FRI	B.Sc. I	2.55 TO 3.45	B.Sc. I (F6)	12.10 TO 2.55	3.00 Hrs 20 min	11.00 - 5.30 pm	6 Hrs 30 min
SAT	B.Sc. I	2.55 TO 3.45	-	-	50 min.	11.00 - 5.30 pm	6 Hrs 30 min.
TOTAL					17 Hrs. 30 min.		40.00 Hrs

H.P.
Sign. of Teacher

Sign. of Principal

Monthly Formate

Month: OCT. 2021

Class B.Sc.I, S-I Group _____ Paper chemistry

Unit allotted Unit V Unit covered 30% Unit Remaining 70%

No. of Periods Due 05 No. of Periods Engaged 04

Extra Periods (with dates) _____

Course covered Thermodynamic processes, Need of second law,
Carnot's heat engine.

Average Attendance of students 85%

H.P.
Sign. of Head

Sign. of Teacher

Monthly Formate

Month: OCT. 2021

Class B.Sc.III, S-V Group _____ Paper chemistry

Unit allotted Unit III Unit covered 20% Unit Remaining 80%

No. of Periods Due 03 No. of Periods Engaged 03

Extra Periods (with dates) _____

Course covered Nomenclature of pyrrole, synthesis,
Basicity of pyrrole.

Average Attendance of students 85%

H.P.
Sign. of Head

H.P.
Sign. of Teacher

Monthly Formate

Month: NOV. 2021

Class B.Sc.I, S-I Group _____ Paper _____

Unit allotted Unit V Unit covered 80% Unit Remaining 20%

No. of Periods Due 07 No. of Periods Engaged 07

Extra Periods (with dates) 30.11.2021

Course covered Second law of thermodynamics, physical significance
of entropy, Derivation, Entropy change for ideal gas.

Average Attendance of students 90%

H.P.
Sign. of Head

H.P.
Sign. of Teacher

Academic Diary

PERSONAL INFORMATION

- 1) Name : Dr. Parvin M. Kechhe
- 2) Qualification : M.Sc., B.Ed., S.C.T., Ph.D.
- 3) Designation : Assistant Professor
- 4) Course : B.Sc. Chemistry
- 5) Residential Address : A1 Dharmanganon Paly.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9890985463
- 9) E-mail : kechheparvin@gmail.com
- 10) PAN No : _____
- 11) G.P.F. Account No : _____
- 12) Bank Account No : _____
- 13) Vehicle No : - MH-32-R-1103
- 14) Driving Licence No : _____
- 15) Insurance Policy No : _____
- 16) Blood Group : B+

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.-II Section : Sem-III
 Subject : CHEMISTRY Paper / Unit : Inorganic chem. unit two

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	<u>Unit-I (Inorganic chem.)</u>					
	<u>Topic A]</u>					
	A] Covalent Bonding	08			10	A] part completed
	B] Metallic Bonding	04			05	B] part completed
	C] VSEPR Theory	07			03	C] part completed
	<u>Unit-II</u>					
	A] Volumetric Analysis	12			10	A] part completed
	B] Gravimetric Analysis	04			02	B] part completed
	/					

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER								Dr. Poojita M. Kerkhe	
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs)		
	THEORY		PRACTICAL					Hrs	Min
	CLASS	TIME	BATCH	TIME					
MON	B.Sc-II	11:20 to 12:10	S ₆	12:10 to 2:55	3:00 hrs 35 min	11:00 am to 6:00 pm	7:00		
TUE	B.Sc-II	11:20 to 12:10	S ₆	12:10 to 2:55	3:00 hrs 35 min	11:00 am to 6:00 pm	7:00		
WED	B.Sc-II	1:15 to 2:05	S ₁₊₅	2:55 to 5:25	3:00 hrs 35 min	11:00 am to 6:00 pm	7:00		
THU	B.Sc-I (1) B.Sc-II (1)	11:20 to 12:10	T _{5+T₆}	12:10 to 2:55	3:00 hrs 35 min	11:00 am to 6:00 pm	7:00		
FRI	B.Sc-I	2:55 to 3:45	F ₆	12:10 to 2:55	3:00 hrs 35 min	11:00 am to 6:00 pm	7:00		
SAT	B.Sc-II	1:15 to 2:05			50 min	11:00 am to 6:00 pm	7:00		
TOTAL					18 hrs 45 min.	42 hrs	42 hrs		

Poojita M. Kerkhe
Sign of Teacher

M. Kerkhe
Sign of Principal

Monthly Formate

Month: Oct-2021

Class B.Sc-II S-III Group _____ Paper Chemistry

Unit allotted Unit-I Unit covered 20% Unit Remaining 80%

No. of Periods Due 05 No. of Periods Engaged 04

Extra Periods (with dates): _____

Course covered Covalent bonding (half part)

Average Attendance of students 90%

Sign of Head

Poojita M. Kerkhe
Sign of Teacher

Monthly Formate

Month: Oct-2021

Class B.Sc-III S-V Group _____ Paper chemistry

Unit allotted Unit-IV Unit covered 20% Unit Remaining _____

No. of Periods Due 03 No. of Periods Engaged 03

Extra Periods (with dates): _____

Course covered Dyes

Average Attendance of students 90%

Sign of Head

Poojita M. Kerkhe
Sign of Teacher

Monthly Formate

Month: Nov-2021

Class B.Sc-II-S-III Group _____ Paper Chemistry

Unit allotted Unit-I Unit covered 80% Unit Remaining 20%

No. of Periods Due 05 No. of Periods Engaged 04

Extra Periods (with dates): 01 _____

Course covered Covalent bonding, metallic bonding

Average Attendance of students 95%

Sign of Head

Poojita M. Kerkhe
Sign of Teacher

Name of College : Adarsha science, J.B. Ar
Commexce Mahavidyalay
 Academic Diary

PERSONAL INFORMATION



- 1) Name : Sandip Tukarami Pendam.
- 2) Qualification : M.Sc M.Phil, NET
- 3) Department : Botany
- 4) Designation : Assistant professor
- 5) Address : c/o shyam chavan, New Pande
Layout, Dharampoo Riy.
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : 237045 (Off.) _____
- 8) Mobile No : 7559129197
- 9) E-mail : spendams1@gmail.com
- 10) PAN No. : BIEPP6382F
- 11) G.P.F. Account No : _____
- 12) Bank Account No : 20251369391
- 13) Vehicle No : MH-27 BE-9137
- 14) Driving Licence No.: MH-27-20170007589
- 15) Insurence Policy No.: _____
- 16) Blood Group : A+

Academic Diary

ANNUAL PLAN

Session : 2021-22 Class : B.Sc I
 Subject : Botany Paper / Unit : II, IV, V
 Approximate number of theory periods required : _____
 Approximate number of practical periods required : _____

S.No.	Unit & Method	Required Lectures	Duration	
			From	To
1.	UNIT-II - ALGAE 2.1 - classification 2.2 - General character 2.3 - chlorophyta 2.4 - charophyta 2.5 - Phaeophyta 2.6 - Rhodophyta	15	27-09 2021	28-10 2021
2.	UNIT-IV - BRYOPHYTA 4.1 - classification 4.2 - General character 4.3 - Hepaticopsida 4.4 - Bryopsida 4.5 - Evolution of sporophyte 4.6 - Indian Bryologist	15	29-10 2021	02-12 2021
3.	UNIT-V - PTERIDOPHYTA 5.1 - First vascular plant 5.2 - Classification 5.3 - General character 5.4 - Sphenopsida 5.5 - Filicopsida 5.6 - stele	15	03-12 2021	13-01 2021

Academic Diary

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY IN
THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Mr. Sandip T. pendam

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL DURATION (IN Hrs.)
	THEORY			PRACTICAL				
	CLASS	TIME	R.NO	TIME	BATCH			
MON	B.sc.III	12:10		02:05	B.sc.I	03:20	11:00 — 5:30	6:30
TUE	B.sc.I	10:30				01:40	10:30 — 05:00	6:30
	B.sc.II	2:55						
WED	B.sc.II	11:20				01:40	11:00 — 05:30	6:30
	B.sc.III	2:55						
THU	B.sc.I	12:10		02:05	B.sc.II	03:20	11:00 — 05:30	6:30
FRI	B.sc.I	11:20		02:05	B.sc.III	03:20	10:45 — 5:45	7:00
SAT	B.sc.II	12:10		02:05	B.sc.III	03:20	10:45 — 5:45	7:00
TOTAL						16:40		

HEAD OF THE DEPTT.
PRINCIPAL

Adarsha Science, J. B. Arts &
Bina Commerce Mahavidyalaya,
Dhamangaon Pily

Academic Diary

TEACHER

Monthly Format

Month October-2021

Class B.Sc.I Group Sem-I Paper I
Unit allotted II Units covered 100% Units Remaining —
No. Of Periods Due 15 No. of Periods Engaged 16
Extra Periods (With dates) —
Course covered 20%

Average Attendance of students 96%

Sandip T. pendam
Signature of Head

Sandip T. pendam
Sign. Of Teacher

Monthly Format

Month October-2021

Class B.Sc.II Group Sem-III Paper I
Unit allotted I Units covered 90% Units Remaining 10%
No. Of Periods Due 15 No. of Periods Engaged 14
Extra Periods (With dates) —
Course covered 19%

Average Attendance of students 100%

Sandip T. pendam
Signature of Head

Sandip T. pendam
Sign. Of Teacher

Monthly Format

Month October-2021

Class B.Sc.III Group Sem.V Paper I
Unit allotted I Units covered 90% Units Remaining 10%
No. Of Periods Due 15 No. of Periods Engaged 15
Extra Periods (With dates) —
Course covered 20%

Average Attendance of students 100%

Sandip T. pendam
Signature of Head

Sandip T. pendam
Sign. Of Teacher

Academic Diary



Academic Diary

PERSONAL INFORMATION

- 1) Name : Shrikant Prakash Patil
- 2) Qualification : MSC Botany Biotech NET
- 3) Designation : Assistant Professor
- 4) Course : B.Sc. I, II, III.
- 5) Residensial Address : Plot no 20, Pande Nagar
Dhamangon stp Dist Amravati.
- 6) Telephone No : _____ (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9011123037
- 9) E-mail : bionicshri@gmail.com
- 10) PAN No. : COHPP3416E.
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 68009502790
- 13) Vehicle No : MH27BE2790
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : AB+

ANNUAL PLAN

Session : 2021-22 Class : B.Sc.I Section: SI.
Subject : Botany Paper /Unit : I, II, III

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	15 - BOTANY Diversity & Applications of Microbes and Cryptogams UNIT-I : Plant Diversity (15) 1.1 Cyanobacteria and its impact on origin of life 1.2 Introduction to Plant Kingdom: Cryptogams 1.3 Diversity of plants with respect to habitat, form, nutrition and ecological status 1.4 General Account of Viruses and structure of TMV and HIV 1.5 Bacteria: structure, Nutrition and reproduction 1.6 Role of microbes in Agriculture, Medicine and Industries	15				
	UNIT-III : Fungi (15) 3.1. Classification according to Ainsworth (1973) 3.2. General characteristics of following classes with special reference to examples mentioned - 3.2.1. Mastigomycotina : Albugo (Cystopus) 3.2.2. Ascomycotina : Aspergillus 3.2.3. Basidiomycotina : Puccinia graminis-tritici 3.2.4. Deuteromycotina : General characters 3.3 Lichen-Types & Economic importance	15				
	Unit-VI : Application of Microbes Cryptogams (15) 6.1. Economic Importance of Algae with special reference to Food, Industries, Agriculture and Harmful aspects 6.2. Mycorrhiza - Types and Application 6.3. Role of Fungi in Industries, Medicine, Food & Agriculture 6.4. Plant Diseases - 6.4.1. Viral - TMV 6.4.2. Bacteria - Black arm of cotton (Xanthomonos malvacearum) 6.4.3. Fungal - Tikka disease of groundnut (Cercospora sps.) 6.5. Economical and Ecological Importance of Bryophytes 31 32	15				

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : SHRIKANT PRAKASH PATIL

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL		Hrs. Min		
	CLASS	TIME	BATCH	TIME			
MON	B.Sc-I B.Sc II	11:20 02:55			1.40	10:35 05:15	6.30
TUE	B.Sc-III	12:10	BSc I	02:05	3.20	11:00 5:30	6.30
WED	B.Sc-I	12:10	BSc II	02:05	3.20	11:00 5:30	6.30
THU	B.Sc- II B.Sc-III	11:20 02:55			1.40	11:00 5:30	6.30
FRI	B.Sc-III B.Sc-II	12:10 01:15			1.40	10:45 05:45	7.00
SAT	B.Sc I B.Sc. III	11:20 01:15			1.40	10:45 05:45	7.00
TOTAL					13.20		

Sign. of Teacher

Sign. of Principal

PRINCIPAL
Adarsha Science, J. B. Arts &
Bija Commerce Mahavidyalaya,
Dhamangaon Rly

Monthly Formate

Month : August 2021

Class B.Sc-I, S.I Group S.I Paper I

Unit allotted Unit no 1 Unit covered 95% Unit Remaining 05%

No. of Periods Due 15 No. of Periods Engaged 14

Extra Periods (with dates) —

Course covered About 20% of the course has been covered

Average Attendance of students —

Sign. of Head

Sign. of Teacher

Monthly Formate

Month : August 2021

Class B.Sc-II Group S-III Paper III

Unit allotted Unit no Unit covered IV 98% Unit Remaining 02%

No. of Periods Due 10 No. of Periods Engaged 10

Extra Periods (with dates) —

Course covered About 98% of the course has been covered

Average Attendance of students —

Sign. of Head

Sign. of Teacher

Monthly Formate

Month : August 2021

Class B.Sc-III Group S-V Paper V

Unit allotted IV Unit covered 10 100% Unit Remaining —

No. of Periods Due 15 No. of Periods Engaged 15

Extra Periods (with dates) —

Course covered 100% Unit has been covered & 20% syllabus has been covered.

Average Attendance of students —

Sign. of Head

Sign. of Teacher

Academic Diary

PERSONAL INFORMATION



- 1) Name : Nitin Pyarelalji Singavi
- 2) Qualification : M. Com., M. Phil
- 3) Designation : Asst. Professor
- 4) Course : Commerce
- 5) Residensial : c/o Dharmendra Readymade store
Address : Dhamangan Rly
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9403492295
- 9) E-mail : nitinsingavi@rediffmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : A +ve

ANNUAL PLAN

Session : 2021-22 Class : B.Com. II Section: Marathi
 Subject : B.M.S.T. Paper /Unit : Unit : I, II, III, IV, V

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	BUSINESS MATHEMATICS AND STATISTICS Unit-I 1.1 a) Natural Numbers, Integers, H.C.F. & L.C.M on two or more integers. b) Linear Equation in one and two variables method with application. 1.2 Ratio and percentage. Concept of proportion. Simple and Compound proportion. Direct and inverse proportion. 1.3 Mathematics of Finance : Simple Interest, Compound Interest, Concept of present value and amount of a sum, Annuities, Types of annuities, Present value and amount of an annuity including the case of continuous compounding.	30	19.6 17	19.8 17	32.	
	Unit-II Introduction : Statistics as a subject, Descriptive Statistics- Compared to Inferential Statistics, Types of data, Collection, Tabulation and presentation of statistical data. Index num ^l rs. Construction of Index Number.	30	21.8 17	25.9 17	23.	
	Unit-III Analysis of Univariate Data : Construction of a frequency distribution, Concept of central tendency and their measures, Arithmetic average, Geometric average, Harmonic average and weighted average, Median and mode.	30	26.9 17	14.12 17	35	
	Unit-IV Concept of dispersion, Absolute and Relative measures of dispersion skewness and measures.	30	15.12 17	16.01 18	25	
	Unit-V Analysis of Bivariate Data : a) Co-efficient of correlation Karl Pearson's Formula. Calculation of Co-efficient of correlation in grouped and ungrouped data. Probable error. b) Inter Pollution - Newton's Method.	30	19.01 18	5.03 18	34.	
	Revision on ^{Syllabus}	150 150	6.03 18	17.03 18	149 08 157	

THR

Date: 2 SEP 2021

B. com II B. M. Number System
B. com II ITA Definition Asset
B. com III B. En. Paper Pattern

FRI

Date: 3 SEP 2021

B. com II B. En. Paper Pattern
B. com II ~~ITA~~ HCF and LCM.
B. com II (BMS) objective of Auditing.

SAT

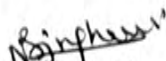
Date: 4 SEP 2021

B. com II B. M. HCF and LCM.
B. com II ITA objective of Auditing
B. com III B. En. Paper Pattern

SUN

Date: 5 SEP 2021




Sign. of Teacher

Sign. of Principal

THR

Date: 28 Oct 2021

B. Com I (A/A) Journal

-II- II (BMS) Average

-II- II (ITA) GCS

-II- III (B. Env.) Small scale industries

FRI

Date: 29 Oct 2021

वाणिज्य मंडल के उद्देश्य (भाषासी). एल. डी. सोनगाये

Bto

SAT

Date: 30 Oct 2021

B. Com I (A/A) Journal

-II- II (BMS) Average

-II- II (ITA) GCS

-II- III (B. Env.) cottage industries

SUN

Date: 31 Oct 2021

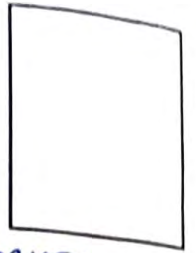


Binghavi
Sign. of Teacher


Sign. of Principal

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Narendra K. Nagpure
- 2) Qualification : M.Com. M.Phil. MBA, NET, SET, Ph.D.
- 3) Designation : Asst. Prof. (commerce)
- 4) Course : Commerce (B.Com)
- 5) Residensial : Balaji Nagar
Address : Dharamgadh Rly
- 6) Telephone No : 98227 45540 (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9021099200
- 9) E-mail : nagpure sir@gmail.com
- 10) PAN No. : AEHPN 6898 N
- 11) G.P.F. Account No: _____
- 12) Bank Account No : 60241447945
- 13) Vehicle No : MH31 DV 6580
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : A +ve

ANNUAL PLAN

Session : 2021-22 Class : B.Com Section: 5
 Subject : PBO/PBM Paper /Unit : 01 to 05

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
	B.Com. Part – I Semester I Principles Of Business Organization					
	Unit 1 Commerce and Industry					
	1.1 Commerce and Industry - Meaning, Scope and Evolution	12				
	1.2 Industrial Revolution- Its Effects					
	1.3 Emergence of Indian MNC					
	1.4 Recent Trends in Business World					
	1.5 Indian Business in New Millennium.					
	Unit 2 Business					
	2.1 Business Sectors and Its Form	12				
	2.2 Forms of Business Organization					
	2.3 Unorganised Business-Mom and Pop Stores, Peddlers and Hawkers, Market Traders and Street Traders					
	2.4 E-Commerce and Online Trade					
	2.5 E- Tailers, Cashless Transaction					
	Unit 3 Merger and Acquisition					
	3.1 Mergers and Acquisition- Meaning and Mergers In India	12				
	3.2 Networking of Business					
	3.3 Franchising , Dealership, Business Outlets					
	3.4 BPOs and POs					
	3.5 Patents , Trademarks, Copyrights					
	Unit 4 New Enterprises					
	4.1 Decisions in Setting up Enterprises	12				
	4.2 Opportunity and Idea Generation					
	4.3 Role of Creativity And Innovation					
	4.4 Feasibility Study and Business Plan					
	4.5 Business Size and Location Decision					
	Unit 5 Trade In India					
	5.1 Whole Sale and Retail Trade	12				
	5.2 Malls, Super Markets, Hypermarket					
	5.3 Stores-Speciality, Convenience, Departmental and Discount					
	5.4 Transport, Insurance, Communication and Other Services					
	5.5 Import Export Trade Procedure					

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

IN THE DEPARTMENT OF							
NAME OF TEACHER : Dr. Narendra K. Nagpure							
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.Com. II	12.10			02:30	4:00	6.30
	B.Com. I	3.00					
	B.Com. II	3.50					
TUE	B.Com. II	11.20			03:20	3:40	7.00
	B.Com. III	12.10					
	B.Com. I	3.00					
	B.Com. II	3.50					
WED	B.Com. III	11.20			01:40	4:50	6.30
	B.Com. I	12.10					
THU	B.Com. III	12.10	B.Com. II		02:30	4.30	7.00
	B.Com. II	01.20	ITB	2.10			
FRI	B.Com. I	11.20			02:30	4.30	7.00
	B.Com. II	12.10					
	B.Com. III	3.00					
SAT	B.Com. I	1.20	B.Com. II		03:20	3:40	7.00
	B.Com. II	3.00	ITB	2.10			
	B.Com. III	3.50					
TOTAL							41.00


Sign of Teacher


Sign. of Principal

THR

Date: 23/09

A.T. 11.10 am

12.10 B.Com.III CMA - Cost & Prime Cost

01.20 B.Com.II. CAT - Final Account.

Departmental work
Online Tally Certificate Program
ITB - Practical

D.T. 5.20 pm

FRI

Date: 24/09

A.T. 11.10 am

11.20 B.Com.I - PBM - Principles of Business

12.10 B.Com.II - CAT - Final Alc of Company

3.00 B.Com.III - CMA - Cost sheet prep.

Online Tally Certificate Program
Essay & Debate, Artion, Social Res cell meeting

D.T. 5.30 pm

SAT

Date: 25/09

A.T. 11 am

01.20 B.Com.I - Admission work

3.00 B.Com.II - CAT - co- Final Alc

3.50 B.Com.III - CMA - Prime cost details

Online Tally Certificate Program
Department work

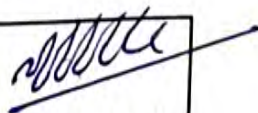
D.T. 5 pm

SUN

Date: 26/09



Sign. of Teacher



Sign. of Principal

MON

Date: 11/10

A.T. 10.50 am
11.00 Preparation for lecture
12.10 Bcom II CAT, Issue Problem
01.30 Department work
2.20 NSS work - meeting general
3.00 Bcom I PBM - Industrial Repo
3.50 Bcom II EVS - Environment
D.T. 5.30 pm

TUE

Date: 12/10

A.T. 11 am
Staff meeting with Principal
on Exams & other issues
12.10 CAT Bcom II - Issue of shares
01.20 CMA Bcom III - Problem on Tender
02.10 Department clearing
3.00 PBM - Bcom I - Industrial Revolution
2.50 EVS - Environmental Studies
D.T. 5.10 am

WED

Date: 13/10

A.T. 11.20 am
11.20 - Bcom III - CMA - Cost sheet problem
12.10 - PBM Bcom I - Emergence of
Indian MNC
2.00 Departmental work planning
3.00 Tally Certificate Distribution
Practical
D.T. 5.45 pm.

**Adarsh Science, Jairamdas Bhagchand Arts &
Birla Commerce Mahavidyalaya.**

Dhamangaon (Rly.), Dist. Amravati.

NAAC Re-Accredited with "A" Grade(CGPA 3.20)

ACADEMIC DIARY

2021□22

ANAND NARANJE
DEPARTMENT OF COMMERCE
ADARSHA MAHAVIDYALAYA
DHAMANGAON RLY.

Communication

website

: www.adarshamv.org

E-mail

: amvdmn2010@gmail.com

Telephone

: 237045(Office)

237288 (Res)

Academic Diary

PERSONAL INFORMATION



- 1) Name : Dr. Anand Naranje
- 2) Qualification : M.Com. NET, Ph.D.
- 3) Designation : Professor
- 4) Course : Commerce
- 5) Residensial : _____
Address : _____
- 6) Telephone No : 9371735671 (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : _____
- 9) E-mail : Dr.anandnaranje@gmail.com
- 10) PAN No. : ACAPN2126J
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurance Policy No. : _____
- 16) Blood Group : _____

MON

Date:

07

BCom III : Bill of Exchange & its parties

BCom I : Structure of operating system

BCom IV : Internet Protocol Suite

TUE

Date:

08

BCom III : Bill of Exchange & its features

BCom III : Protocol stacks

BCom I : Structure of operating system

WED

Date:

09

BCom II : Cheques & Crossing of cheques

BCom IV : OSI/RM Reference models

BCom I : Popular operating systems

Anand Melava Preparation

THR

Date:

10

Anand Melava

FRI

Date:

11

Youth Festival

SAT

Date:

12

Blood Donation

SUN

Date:

13



Sign .of Teacher



Sign. of Principal

MON

BCom III: Dishonor of instruments

Date:

Jan 14

BCom I: MS Dos operating system

BCom III: OSI RM Reference models

Skill Development awareness program

TUE

Date:

15

BCom III: Remedies of dishonor of cheque

BCom III: Internet Protocol Suite & OSI RM

BCom I: Linux & Unix operating system

WED

Date:

16

BCom III: Company Act 2013 & its features

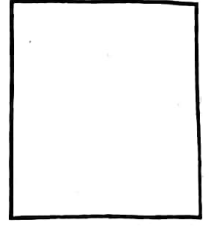
BCom III: TCP / IP Protocol Suite

BCom I: Macintosh operating system

Academic Diary

2021-2022

PERSONAL INFORMATION



- 1) Name : Rupesh Ramesh Rao Dahake
- 2) Qualification : M.COM, UGC-NET, SET, PGDCCA
- 3) Designation : Assistant professor
- 4) Course : B.com
- 5) Residensial Address : c/o Gandhi J.B. Park Dharmanganam Hly
- 6) Telephone No : 9371699986 (Res.)
- 7) Telephone No : _____ (Dept.)
- 8) Mobile No : 9371699986
- 9) E-mail : rupeshdahake@rediff.com
- 10) PAN No. : AXNP6911D
- 11) G.P.F. Account No: —————
- 12) Bank Account No : 60241446453
- 13) Vehicle No : _____
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : O+

ANNUAL PLAN

Session : ~~2020-21~~ 2021-22 Class B.com-III-sem-VI Section: _____
 Subject : E-commerce - II Paper /Unit : 6

S.No.	Unit & Topic	Required Lectures	Duration		Periods Taken	Remarks
			From	To		
1)	Unit-1- Internet E-commerce Business Models	15			14	
2)	Unit-2- B2C Internet Marketing	15			14	
3)	Unit-3- B2B online marketing	15			15	
4)	Unit-4- E-Governance CB.	15			15	
5)	Unit-5- E-Governance Models.	15			12	

2021-2022

Personal Time Table(Theory)

Periods	1	2	3	4	5	6	7	8	9
Time Day				BEC					
Mon	EOE		MFS	BEC					
Tue			BEC	MFS					
Wed		MFS	EOE		BEC	BEC	EVS		
Thu	BEC		EOE	BEM		BEM			
Fri	MFS	BEC	EOE				EVS		
Sat	MFS	EOE		BEM					

Personal Time Table(Practical)

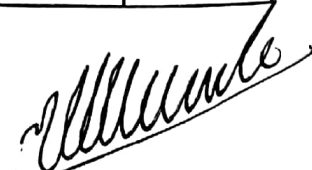
Morning					Evening			
Periods	1	2	3	4	5	6	7	8
Time Day								
Mon								
Tue								
Wed								
Thu				BEC	CFS			
Fri								
Sat								

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2020-2022

NAME OF TEACHER : Dr. Rupesh R. Dahake

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME			
MON	B.com-I B.com-II B.com-III	2-10 pm 1-20 pm 11.20 AM			48 48 = 2.24 48	3:76	6:00
TUE	B.com-I B.com-II	12-10 pm 2-10 pm			1:36	5:04	7:00
WED	B.com-I B.com-II B.com-III BA-II	9.00 AM 12-10 pm 1-20 pm 3.50 pm			3:12	3:88	7:00
THU	B.com-I B.com-I B.com-III B.com-III	11-20 AM 2-10 pm 1.20 pm 3.00 pm			3:12	3:88	7:00
FRI	B.com-I B.com-II B.com-III BA-II	12-10 pm 11.20 AM 1.20 pm 3.50 pm			3:12	3:88	7:00
SAT	B.com-II B.com-III B.com-III	11-20 AM 12-10 pm 3.00 pm			2:24	4:06	6:30
TOTAL					15:20	25:10	40:30


Sign. of Teacher


Sign. of Principal

MON

Date: 29/11/21

class preparation

B.com - part - III - SEM - V - Internet - 11.20 AM

B.com - part - II - SEM - III - Money Market 1.20 PM

B.com part - I - SEM - I - Elasticity of Demand 2.10 PM
Department work.

TUE

Date: 30/11/21

class preparation

B.com - II - SEM - III - Money Market - 2.10 PM.

B.com - I - SEM - I - Elasticity of Demand 1.10 PM

NAC work

Department work.

WED

Date: 01/12/21

class preparation

B.com - part - I - Elasticity of Demand 3.00 PM

B.com - part - III SEM - V - Application in R2B 1.20 PM

B.com - part - II SEM - III - Money Market 12.10 PM

Feedback work

NAC work.

Academic Diary

2021-22

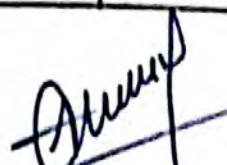
PERSONAL INFORMATION



- 1) Name : Ajaykumar V. Chinchmalatpure
- 2) Qualification : M.Ped. PhD.
- 3) Designation : professor
- 4) Course : B Arts, Sci, Comm.
- 5) Residensial Address : Krishna Nagar Behind polytechnic college Dharamangan crly
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : _____ (Dept.) _____
- 8) Mobile No : 9970931938
- 9) E-mail : ajay.cm71@gmail.com
- 10) PAN No. : AFBC1793A
- 11) G.P.F. Account No: _____
- 12) Bank Account No : _____
- 13) Vehicle No : MA 27. AC-6484
- 14) Driving Licence No. : _____
- 15) Insurence Policy No. : _____
- 16) Blood Group : A+V

INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021-22

NAME OF TEACHER : Dr. A.V. Chichmalapure							
DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED				WORK LOAD	PERIOD OF STAY	TOTAL Duration (In Hrs.)
	THEORY		PRACTICAL				
	CLASS	TIME	BATCH	TIME	Hrs.	Min	
MON			B.Sc II B.Com I B.A. I B.Com II	7.00 AM 7.30 AM 8.00 AM 4.30 PM	7 hrs	7.00 hrs	7 hrs
TUE			B.Sc I B.A. II B.Com I B.Com I	7.00 AM 7.30 AM 4.30 PM 5.00 PM	7 hrs	7.00 hrs	7 hrs
WED			B.Com I B.A. II B.Sc II B.Com II	7.00 AM 7.30 AM 4.30 PM 5.00 PM	7 hrs	7.00 hrs	7 hrs
THU			B.A. I B.Sc I B.Com I B.Com II	7.00 AM 7.30 AM 4.30 PM 5.00 PM	7 hrs	7.00 hrs	7 hrs
FRI			B.Com II B.Sc II B.Com I B.A. II	7.00 AM 7.30 AM 4.00 PM 5.00 PM	7 hrs	7.00 hrs	7 hrs
SAT			B.Com I B.Sc I B.Com I B.A. I	7.00 AM 7.00 AM 4.30 PM 5.00 PM	7 hrs	7.00 hrs	7 hrs
TOTAL					42 hrs	42 hrs	42 hrs


Sign. of Teacher


PRINCIPAL
Sri. B. Arts
& Birla Comm. Mahavidyalaya
Dhamangaon Rly.

Name of College : Adarsha Mahavidyalaya
Academic Diary 2021-22

PERSONAL INFORMATION



- 1) Name : Dr. MAOHURI Y. KOPULWAR
- 2) Qualification : M.P.Ed. Ph.D. N.I.S, C.I.S.
- 3) Department : Physical Education & Sports
- 4) Designation : Director of Physical Education & Sports
- 5) Address : 26, Lunawad Nagar, Dharmangan Rd
- 6) Telephone No : _____ (Res.) _____
- 7) Telephone No : 07222-237045 (Off.) _____
- 8) Mobile No : 982333629
- 9) E-mail : inspirehockey@gmail.com
- 10) PAN No. : _____
- 11) G.P.F. Account No : _____
- 12) Bank Account No : _____
- 13) Vehicle No : _____
- 14) Driving Licence No.: _____
- 15) Insurance Policy No.: _____
- 16) Blood Group : B⁺

**INDIVIDUAL TIME TABLE, TEACHING WORK LOAD AND PERIOD OF STAY IN
THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2021 - 22**

NAME OF TEACHER: Dr. M. Y. Kopalwar

DAY	TIMING OF TEACHING WORK/ PRACTICAL ALLOTTED					WORK LOAD Hrs. Min	PERIOD OF STAY	TOTAL DURATION (IN Hrs.)
	THEORY			PRACTICAL				
	CLASS	TIME	R.NO	COURSE	TIME			
MON	-	-	-	B.Sc. II B.com I B.A. - I B.com II	7.00 am 7.30 am 8.00 am 4.30 pm	7 hrs	7.00 hrs	7.00 hrs
TUE	-	-	-	B.Sc. I B.A. II B.CA II B.com I	7.00 am 7.30 am 4.30 am 5.00 pm	7 hrs	7.00 hrs	7.30 hrs
WED	-	-	-	B.com I B.A. II B.Sc. II B.com II	7.00 am 7.30 am 4.30 am 5.00 pm	7 hrs	7.00 hrs	7.30 hrs
THU	-	-	-	B.A. I B.Sc. I B.CA I B.CA II	7.00 am 7.30 am 4.30 pm 5.00 pm	7 hrs	7.00 hrs	7.30 hrs
FRI	-	-	-	B.com II B.Sc. II B.com I B.A. II	7.00 am 7.30 am 4.00 pm 5.00 pm	7 hrs	7.30 hrs	7.30 hrs
SAT	-	-	-	B.CA I B.Sc. I B.CA II B.A. I	7.00 am 7.30 am 4.30 pm 5.00 pm	7 hrs.	7.30 hrs	7.30 hrs
TOTAL	-	-	-			42 hrs	42 hrs	42 hrs

HEAD OF THE DEPTT.

TEACHER.