



یوتھ ایجوکیشن اینڈ ویلفیئر سوسائٹی ناسک

YOUTH EDUCATION AND WELFARE SOCIETY'S

NATIONAL SENIOR COLLEGE

● Affiliated to the Savitribai Phule Pune University, Pune ● NAAC ACCREDITATION 'B' Grade
FACULTY : ARTS, COMMERCE, B.B.A., B.B.A. (CA) & B.Sc. (Computer Science)

Public Trust Regd. No.F-1892, Nashik.
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RELIGIOUS & LINGUISTIC MINORITY INSTITUTION

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Internal Quality Assurance Cells (IQAC)

Criterion I: Curricular Aspects

1.2.1. Number of Programs in which Choice Based Credit System/ Elective Course System has been implemented:

Response: 09

Supportive Documents Index

Sr. No.	Program Code	Program Name	Year of Introduction	Status of implementation of CBCS / elective course system (Yes/No)	Year of implementation of CBCS / elective course system
1.	24923	MA II (English)	2023-2024	Yes	2023-2024
2.	24923	MA(English) Revised as per NEP	2023-2024	Yes	2023-2024
3.	24923	MA II Urdu	2020-2021	Yes	2023-2024
4.	24923	MA(Urdu) Revised as per NEP	2023-2024	Yes	2023-2024
5.	25023	M.Com Syllabus M.Com Revised as per NEP	2023-2024	Yes	2023-2024
6.	11719	B.SC(CHEMISTRY)	2020-2021	Yes	2023-2024
7.	11719	B.SC(PHYSICS)	2020-2021	Yes	2023-2024
8.	11719	B.SC(ZOOLOGY)	2020-2021	Yes	2023-2024
9.	11719	B.SC(MATHEMATICS)	2020-2021	Yes	2023-2024


IQAC CO-ORDINATOR
National Senior College
Nashik-01




PRINCIPAL
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Nashik.



FACULTY OF HUMANITIES

Syllabus as Per NEP 2023 & SPPU Guidelines

M.A Urdu Syllabus

(Choice Based Credit System 2023 Pattern)

نصاب برائے ایم۔ اے سال اول

Academic Year 2023-2024

تعلیمی سال ۲۰۲۳-۲۰۲۴

(W.E.F JUNE 2023-2024)

**Illustrative Credit distribution structure for Two Years/ One Year PG
(M.A./M.Sc./M.Com.) and Ph. D. Programme**

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4 +2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4 +2*2 or 3*4+2)	4		4		20-22	
Cum. Cr. For PG Diploma			24-28	8	4	4	-	40-44	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4 +2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4 +2 or 3*4)	4			6	20-22	
Cum. Cr. for 1 Yr PG Degree			22-26	8			10	40-44	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									
	8.0		Course Work Min. 12 (3*4)			Training in Teaching / Education/ Pedagogy: 4	16 + Ph. D. Work		Ph.D. in Subject

Abbreviations: Yr.: Year; Sem.: Semester; OJT: On Job Training; Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP; Cumulative Credits: Cum. Cr.

Savitribai Phule Pune University, Pune

Credit Framework for Post Graduate (PG)

Level	Semester	Credits Related to Major		Research Methodology (RM)	Internship On Job Training (OJT)	Research Project (RP)	Total
		Major Core	Major Elective				
6.0	I	10(T) + 4(P)	2 (T) + 2 (T/P)	4	0	0	22
	II	10(T) + 4(P)	2 (T) + 2 (T/P)	0	4 (OJT)	0	22
Exit option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year							
6.5	III	10 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	4	22
	IV	8 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	6	22
Total 4 Years		54	16	4	4	10	88
2 Years-4 Sem. Award PG Degree on completion 88 credits after Three Year UG Degree or 1 Year-2 Sem PG Degree (44 credits) after Four Year UG Degree							

Notes:

Abbreviation: T – Theory, P – Practical

- Wherever require the BOS can choose theory or practical course as per the need and within the given structure.
- Each course should be designed with minimum 2 or maximum 4 credits.

Patil
21/6/2023

M.A Urdu Structure AS Per SPPU Guidelines First Year Sem I & II w.e.f 2023-2024

SEM	Credits Related To Major		Research Methodology (RM)	Internship/ On Job Training OJT/ Field Project (FP)	Research Project (RP)	CUMULATIVE CREDITS
	Mandatory / Major Core	Major Elective				
I	12 (T) 2 (P) 3 *4+2=14	4	4	-----	-----	14+4+4= 22
II	12 (T) 2 (P) 3 *4+2=14	4	-----	FP 4	-----	14+4+4= 22
Exit Option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year						
III	12 (T) 2 (P) 3 *4+2=14	4	-----	-----	4	14+4+4=22
IV	10(T) 2 (P) 3 *4= 12	4	-----	-----	6	12+4+6=22
	54	16	04	04	10	88
2 year-4sem. Award PG Degree on completion of 88 Credits after Three Year UG Degree OR continue with PG second year						

Aims & Objectives of M.A Urdu Programme:

اغراض و مقاصد

To promote and develop Urdu Language and Literature.	اردو زبان و ادب کی ترقی اور ترویج۔
To acquaint the students with the literary asset of Urdu Language.	اردو کے ادبی سرمائے سے طلباء کو واقف کرانا۔
To enhance the creative writing skill and communication skill of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا کرنا۔
To build up the character and values among the students.	طلباء میں اخلاق و اقدار، تعمیری سوچ کو بڑھا دینا۔
To develop the aesthetic values of Urdu prose and poetry among the students.	طلباء کو اردو شعر و ادب کی جمالیات سے واقف کرانا۔
To promote the common cultural heritage of India through Urdu.	اردو زبان و ادب کے ذریعے ہندوستانی مشترکہ تہذیب سے روشناس کرانا۔
To enhance the critical and analytical ability of the students.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر کرنا۔
To Motivate the students for Research in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا کرنا۔
Job opportunities through Vocational, Skilled and Computer Courses.	طلباء کو ووکیشنل کورسز اور اسکل کورسز، کمپیوٹر کے ذریعے روزگار سے منسلک کرنا۔
To acquaint the students with the changing trends, styles and techniques of literature.	طلباء کو ادب کے بدلتے رجحانات ہیئت اور ٹیکنیک سے واقف کرانا۔

Outcomes of M.A Urdu Programme:

ماحصل

Students will take part in promotion and development of Urdu Language and Literature.	طلباء اردو زبان و ادب کی ترقی اور ترویج حصہ لے سکیں گے۔
Students will acquaint the importance of literature and language.	طلباء اردو کے ادبی سرمائے سے واقف ہوں گے۔
Creative writing skill and communication skill will be enhanced of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا ہوں گی۔
It will help character building and constructive thinking for the society among the students.	طلباء میں اخلاقی اقدار، تعمیری سوچ پر وان چڑھے گی۔
Students will understand the aesthetic values of Urdu prose.	طلباء اردو شعر و ادب کی جمالیات سے واقف ہوں گے۔
Students will come to know about the importance of common Indian cultural heritage	اردو زبان و ادب کے ذریعے ہندوستانی مشترکہ تہذیب سے روشناس ہوں گے۔
Critical and analytical ability will be enhanced.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر ہوگی۔
Students can take up the Research work in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا ہوگا۔

Students will be skilled in different aspects for taking the job in future.	طلباء کو ووکیشنل کورسز اور اسکل کورسز کے ذریعے روزگار کے مواقع ملیں گے۔
Students will acquaint with the changing trends, styles and techniques of Urdu literature.	طلباء ادب کے بدلنے رجحانات ہیئت اور ٹیکنیک سے واقف ہوں گے۔

EVALUATION METHOD:

For the each semester the 4 Credit Paper will be consists of 100 marks and 2 Credit Paper will be consists of 50 marks. 100 marks evaluated as 30 and 70. 30 as CA i.e Internal Assessment and Semester End Exam will be of 70 marks. Whereas the 2Credit Course will be of 15/35.

Credits	Internal	Practical	Semester End (Ext)	Total
4 (Theory)	30	.....	70	100
4 (practical)	15	35	50	100
2 (Theory)	15		35	50
2 (Practical)	15	35	.....	50
The 2 credit practical paper will have only internals and practical.				

PASSING CRITERIA:

- a) A student must obtain a minimum of 40% marks in Continuous Internal Evaluation , and minimum 40% marks in Project/ Practical/ OJT and 40% marks in Semester End Examination.
- b) It means that **passing separately** in Continuous Internal Evaluation), Project/ Practical/ OJT Examination and Semester End Examination is compulsory (whichever is applicable).

Credits	Total Marks	Internal Marks	Passing Marks	Practical	Passing Marks	Semester End Exam (Ext)	Passing Marks	Overall Passing
04 (Theory)	100	30	12	---		70	28	12+28=40
02 (Theory)	50	15	06			35	14	06+14=20
04 (Practical)	100	15	06	30	14	50	20	
02 (Practical)	50	15	06	35	15	.....	.....	06+14=20

M.A Urdu Syllabus as per NEP Guidelines
Choice Based Credit System 2023 Pattern (W.E.F 2023-2024)
Semester-I

Sem	Nature of Subject	Code No	Title of The Paper	Credits	Evaluation Pattern			
					INT Exam	PR	Ext Exam	Total
I	MM	URD 501 MJ	Urdu: Study of Modern Prose	04	30	...	70	100
I	MM	URD 502 MJ	Mass Media	02 (Theory)	15	.....	35	50
I	MM	URD 502 MJP	Mass Media	02 (Practical)		15	35	50
I	MM	URD 503 MJ	Urdu: Essay, Rhetoric, Grammar & Prosody	04	30	.....	70	100
I	MM	URD 504 MJ	Urdu: Study of Satire & Humour	02	15	.....	35	50
I	ME	URD 510 ME	Urdu: Study of Non-Fiction Writer (Shibli Nomani)	04	30	.....	70	100
I	M E	URD 511 ME	Urdu: Study of Fiction Writer (Qurratul ain Haider)	04	30	.....	70	100
I	M E	URD 512 ME	Urdu Literary Movements	04	30	.....	70	100
I	ME	URD 513 ME	Urdu: Study of Classical Prose Text (Gulistan-e- Sadi)	04	30	.....	70	100
I	RM	URD 541 RM	Urdu Research Methodology	02	15	.....	35	50
		URD 541 RMP	Urdu Research Methodology	02	.....	15	35	50
				22				

Abbreviations:

MM:	Major Mandatory
ME:	Major Elective
RM:	Research Methodology
OJT:	Onjob Training
FP:	Field Project
CA:	Continuous Assessment
PR:	Practical
SEE:	Semester End Examination

M.A Urdu Semester I

Major Mandatory Paper - I

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	PR	SEE	Total
I	Study of Modern Prose جدید نثر کا مطالعہ	MM	URD 501 MJ	60	04	30	....	70	100

Sr. No.	Aims & Objectives of the Paper
1.	To develop the skills of Prose Writing.
2.	To develop the thought provoking, analytical & Critical abilities among the pupils
3.	To acquaint the pupils with modern trends of literature.
4.	To understand the modern prose writing style.

Sr. No.	Learning Outcomes
1.	Enhance the analytical study of the students.
2.	Students will understand and able to grasp the style of writing of modern prose.
3.	Student will understand the emerging new trends and style of writing.

Syllabus

نصاب

Unit اکائی	Title with Contents	تفصیل	No. of Lectures 60
I	Biography Chronological Development of biography writing in Urdu	فن سوانح نگاری: کی روایت، فن، اصول، تاریخ و ارتقا	10
II	Biography Yaadgar-e- Ghalib by Altaf Husain Hali • Critical Study of Yaad –e- Ghalib Ghalib’s life, Literary work, poetry with reference to Yaad gaar-e-Ghalib • Altaf Hussain Hali: Life sketch, literary work, writing style	خصوصی مطالعہ: سوانح: یادگار غالب از الطاف حسین حالی ☆ یادگار غالب کا تنقیدی و تجزیاتی جائزہ، یادگار غالب کا اسلوب، غالب کی حیات و شخصیت، ادبی خدمات، شاعری یادگار غالب کی روشنی میں ☆ الطاف حسین حالی: حیات و شخصیت، ادبی خدمات، اسلوب، نثر نگاری، سوانح نگاری	20
III	Study of Novel • Chronological Development, History of Urdu Novels • Kinds & Techniques of Novel	اردو ناول کا آغاز، تاریخ اور ارتقا ناول کے اقسام، اجزائے ترکیبی	10
IV	Novel Godaan by Premchand • Critical Study of Gaudaan, style of writing, story, plot, background, characters etc • Life Sketch Literary Trends, Style & Literary Work of Prem Chand	خصوصی مطالعہ ناول: گودان ☆ گودان: کا تجزیاتی و تنقیدی جائزہ، اسلوب، کردار نگاری، پلاٹ، قصہ، پس منظر پریم چند: حیات و شخصیت، ادبی خدمات، بحیثیت ناول نگار، اسلوب نگارش	20

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

References:

Sr. No.	Author	Title of the Book	Publication
1.	Altaf Husain Hali	Yaadgare Ghalib	Taraqqui-e- Urdu Bearue , New Delhi NCPUL, New Delhi
2.	Gaudaan	Prem Chand	Educational Book Hosue, Ali Garh
3.	Altaf Fatemah	Fun-e- Sawaneh Nigari ka Irtequa	Aitequad Publishing House, Delhi
4.	SumbulNigar	Urdu Nasr ka TanquidiMutala	Educational Book House. Ali Garh
5	Dr. MumazFakhirah	Urdu Mein Fan-e- Sawaneh Nigari ka Irtequa	Raunaque Publishing House, Delhi
6	Ali Abbas Husaini	Urdu Novel ki TareekhwaTanqueed	Educational Book House, Ali Garh
7	Prof. Noorul Hasan Naqvi	Tarikhe-e- Urdu Adab	Educational Book House, Ali Garh
8	Dr. Anees Farooqui	Novel ki TanquidiTareekh	Educational Book House, Ali Garh
9	MohdQasim Siddiqui	KhawateenkeNumaindaAfsane	Educational Book House, Ali Garh

M.A Urdu Semester I

Major Mandatory Paper – II

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	SEE	Total
I	Mass Media ذرائع ابلاغ	MM	URD 502 MJ	30 T	02	15	--	35	50
I	Mass Media ذرائع ابلاغ	MM	URD 502 MJP	60 P	02	15	35	--	50

Sr. No.	Aims & Objectives
1.	Understand the working of print and electronic media.
3.	To enhance the ability of report making, report writing, News reporting creative writing like stories, dialogues, screen play.
4.	To encourage student for field work in print media and electronic media.
5	To encourage students for creative writing on web blogs, apps and on social media.
6.	To train student for anchoring, news reading etc.

Sr. No.	Learning Outcome
1.	Students will come to know about the different types and ways of electronic and print media
2.	Students can make their own news, reports.
3.	Students can able to convey their messages and information through print and electronic media
4.	Use of computer and internet.
5	Students can make or write short films, documentary films, dramas, features etc.

Syllabus

Unit No.	Title with Contents	تفصیل	No. of Lectures T: 30 - Pr:60
I	News – Sources of News, Various types of News i.e. Local, National and International Levels, on current events, Sport News, Criminal News etc.	خبریں: خبروں کے ذرائع، اقسام مقامی خبریں، قومی اور بین الاقوامی خبریں، کھیل کی خبریں، دیگر حالات حاضرہ سے متعلق خبریں	T: 10 P: 15
II	Interview, Reportaz, Dialogue writing, Script writing, Editorial, Column Writing Translation - As an Art, its important and utility	انٹرویو: رپورٹاژ، مکالمہ نگاری، اسکرپٹ رائٹنگ، اداریے اور کالم نویسی	T: 10 P: 15
III	Evolutionary Development of TV in India – TV, Drama , Tele film, Film drama, Film Serial, Advertisement, use an importance of computers and Internet	ہندوستان میں ٹیلی ویژن کا آغاز اور تاریخ، ٹیلی فلمس، فلم ڈرامہ۔ فلم سیریل، اشتہارات، کمپیوٹر اور انٹرنیٹ کا استعمال واہمیت	T: 5 P:15
IV	Film Industries – Evolutionary development of film industry in India. Effects of film on culture and morality. Types of Film – Documentary Educational , Feature etc	فلمی دنیا: ہندوستان میں فلموں کی تاریخ۔ فلموں کے اثرات فلموں کی اقسام: دستاویزی فلم، تعلیمی، فیچر	T: 5 P: 15

EVALUATION PATTERN

CA: 15 Practical: 35 SEE: 50

Practical

CA	Mode of Assessment	Marks	Total
A	Making News/ Videos/ Documentary Film/ Educational short films (Any One)	1 X 15	15
B	Orals	10	10
C	Writing Editorials/columns/news/ Reports (Any One)	1X10	10
D	Making Script/ Preparing Dialogues/ Making Advertismental Videos (Any One)	1X15	15
Total Marks of Continuous Assessment and Practical			50
Total Marks of Semester End Examination			35
Continuous Assessment Class Test/ Assignment/ Project/ Field Work (Any 3) 3X5 =15			15
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 35

Question Number 1: Question on Unit I & II with Internal Choice 15

Question Number 2: Question on Unit III & IV with internal Choice 10

Question Number 5: Short Notes Unit I - IV (2 out of 4) 10

References:

Sr. No.	Author	Title of the Book	Publication
1.	Shahid Parvez	AwamiZarayeAblagh, Tarseel Aur Tameer waTaraqqui	NCPUL, New Delhi
2.	Dr. Mohammed Khwaja Ikramuddin	Urdu Media	NCPUL, New Delhi
3.	M. Azam	Khabar Nama	Huda Publication, Hyderabad
4.	Radio Aur Television Mein Tarseel O Ablagh ki Zaban	Dr. Kamal Ahmed Siddiqui	NCPUL, New Delhi
5	Devendrasarr	AwamiZarayeAblaghTarseel O Tameer O Taraqqui	NCPUL, New Delhi
6	Sayyed Iqbal Qudri	Rahebar-e AkhbarNawisi	NCPUL, New Delhi

M.A Urdu Semester I

Major Mandatory Paper -III

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	SEE	Practical	Total
I	Essay, Rhetoric, Grammar & Prosody مضمون نویسی، علم بیان، قواعد و تقطیع	MM	URD 503 MJ	60	04	30	70	.....	100

Sr. No.	Aims & Objectives
1.	To motivate students for creative writing.
2.	To enhance the poetry skill of students
3.	To enhance the skill of translation.

Sr. No.	Learning Outcome
1.	Creative writing skill will be enhancing.
2.	Students can write their own poetry.
3.	Students will understand the aesthetic value of poetry.

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	Study of Figures of Speech علم البيان تلمیح، تضاد، تشبیہ، استعارہ، تجنیس تام، تجنیس ناقص، سیاق الاعداد، لف و نشر، مراعات النظر، تجاہل عارفانہ، صنعت ایہام، حسن تعلیل، مبالغہ، سوال و جواب، صنعت تلمیح، تجنیس زائد	15
II	Parts of Speech and Grammar قواعد اسم، ضمیر، صفت، جملہ، اعراب، رموز او قاف، فعل، زمانہ محاورے اور ضرب المثل	20
III	Essay on General & Literary Topics مضمون نویسی	15
IV	Scansion تقطیع بحر متدارک، بحر متقارب، بحر ہزج، بحر جز، بحر رمل، بحر کامل	20

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I (5 out of 7) 5X3 15

Question Number 2: Question on Unit II (3 Out of 5) 3X5 15

Question Number 3 : Question on Unit IV (3 Out of 5) 3X5 15

Question Number 4: Essay Writing on Literary Topics (1 out of 3) 15

Question Number 5: Essay Writing on Current, Cotemporary and
General Topics (1 out of 3) 10

References:

Sr. No.	Author	Title of the Book	Publication
1.	Maulvi Abdul Haque	Urdu Sarf O Nahv	AnjumanTaraqqi Urdu, New Dehi
2.	Rasheed Ahmed Siddiqui	Zaban Aur Qawaid	NCPUL, New Delhi
3.	Mohd. Shareef Khan	Taleem Aur UskeUsool	Educational Book House, Ali Garh
4.	Saleem Abdullah	Urdu KaisePadayen	Educational Book House, Ali Garh

M.A Urdu Semester I

Major Mandatory Paper –IV

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	50	SEE	Total
I	Study of Satire & Humour طنز و مزاح	MM	URD 504 MJ	30	02	15	...	35	50

Sr. No.	Aims & Objectives
1.	To differentiate between satire & humour.
2.	Importance of satire in humour in Literature.

Sr. No.	Learning Outcome
1.	Student will understand the concept of satire and humour.
2.	Skill writing of humour and satire will be enhance

Syllabus

نصاب

Unit No.	Title with Contents	تفصیل	No. of Lectures 30
I	History & Chronological Development of Humour & Satire, Features	طنز و مزاح کی تعریف، تاریخ، ارتقاء خصوصیات	10
II	<ul style="list-style-type: none"> Ghalib Shora ki Ek Majlis Mein by Kanhyya lal Kapoor Gawah By Rashid Ahmed Siddiqui Lahore ka Geographia by Patras Bukhari 	مطالعہ، متن غالب شعراء کی ایک مجلس میں از کنھیالال کپور گواہ از رشید احمد صدیقی لاہور کا جغرافیہ از پطرس بخاری	10
III	Life Sketch Litarary work of following writers <ul style="list-style-type: none"> Rashid Ahmed Siddiqui Kanhaiyya Lal Kapoor Patras Bukhari 	رشید احمد صدیقی، کنھیالال کپور اور پطرس بخاری: تعارف، ادبی خدمات، طنز مزاح نگاری	10

EVALUATION PATTERN CA: 15 SEE: 35 Total 50

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 05	05
B	MCQ	5X 1	05
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Report / Note on research paper/s or study tours / Extension Work– Any one	1X5	05
Total Marks of Continuous Assessment			15
Total Marks of Semester End Examination			35
Total Marks			50

Question Paper Pattern for Semester End Exam

Time: 1 ½ hours

Marks: 35

Question Number 1: Question on Unit I with internal Choice 15

Question Number 2: Question on Unit II (1 Out of 2) 10

Question Number 3: Question on Unit III with internal Choice 10

Major Elective Paper-I

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	50	SEE	Total
I	Study of Non Fiction Writer (Shibli Nomani)	ME	URD 510 ME	60	04	30	...	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To understand the emerging trends of Prose writing in Urdu Literature
2.	To understand the different aspects of Shibli's Prose Writing.
3.	To know the deep History of Urdu literature through the biographies.

Syllabus

Unit No.	Title with Contents	تفصیل	No. of Lectures
I	Effects of Aligarh Literary Movement on Urdu Literature	علی گڑھ تحریک کے اثرات اردو ادب پر	10
II	<ul style="list-style-type: none"> Life Sketch Literary Trends , Style and Literary Works of Shibli Naumani Contemporary Prose Writers of Shibli Naumani 	شیبلی کی حیات و شخصیت، ادبی و تعلیمی خدمات شیبلی کے ہم عصر نثر نگار	10
III	Special Study Biography : Adal O Insaaf , Alfarooque Criticism Mawazna-e- Anees O dabeer Critical Study of Mawazna-e- Anees O dabeer	خصوصی مطالعہ سوانح: حضرت عمر کا عدل و انصاف ماخوذ الفاروق تنقید: موازنہ انیس و دبیر الفاروق کافنی جائزہ، اور پس منظر موازنہ انیس و دبیر: تنقیدی جائزہ اور	20

		اسلوب	
IV	Shibli Nomani As Prose Writer, his biographies, letter writing and criticism.	شبللی نعمانی: شبللی کی نثر نگاری، شبللی کی تنقید نگاری، شبللی بحیثیت سوانح نگار، شبللی بحیثیت مکتوب نگار	20

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one	1X5 = 5	
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

References:

Sr. No.	Author	Title of the Book	Publication
	Aslam Farooqui	Maulana Shibli Nomani	Maktaba Jamia, New Delhi
	Maftoon Ahmed	Maulana Shibli Nomani Ek Mutala	Makatab-e Asloob, Karachi
	Zafar Ahmed Siddiqui	Maulana Shibli Nomani Ba HaisiyatSeeratNigar	Educational Book House, Aligarh
	Dr. Nayyer Jahan	Maulana Shibli Ek TanquidiMutala	Takhliqkar Publishers, New Delhi
	ShabliNomani	Mawazan-e- Anees O Dabeerr	DarulMussanafeen, Azamgarh
	ShabliNomani	Sherul Ajam	DarulMussanafeen, Azamgarh
	Sk. Abdurrahim Ansari	Shibli NomanikeMaqalat ka TanquidiJayeza	Azad Press, Patna
	ShabliNomani	Alfarooque	DarulMussanafeen, Azamgarh
	ShabliNomani	Al Ghazali	DarulMussanafeen, Azamgarh
	ShabliNomani	Sawaneh Maulana Room	DarulMussanafeen, Azamgarh
	ShabliNomani	Seertun Nauman	DarulMussanafeen, Azamgarh
	ShabliNomani	Seertaun Nabi	DarulMussanafeen, Azamgarh
	Abdul Lateef Azmi	Shibli ka Martaba Urdu Adab Mein	Nasim Book Depot, Lucnknow
	Sirajuddin Ahmed	Seerat-e Alfarooque	Steam Press, Ambala
	Sayyed Suleman Nadvi	Hayate Shibli	Marif, Azamgarh
	Sabahuddin Abdurrahman	Maulana Shibli Nomani Per Ek Nazar	MarifDarulMussanifeen

Major Elective Paper-II

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	50	ESE	Total
I	Study of Fiction Writer (Qurratulain Haider)	ME	URD 511 ME	60	04	30	...	70	100

Sr. No.	Aims & Objectives
1.	To understand the emerging trends of Fiction writing in Urdu Literature
2.	To understand the different aspects of Qurratul ain Hyder;s Fictional Writing.
3.	To make the students understand about the changing trends of fictional writing.

Sr. No.	Learning Outcomes
1.	Student will understand the difference between short stories and novel.
2.	Student will understand the changing trends of Urdu fiction.
3.	Student will understand the style of writing of Qurratul Ain Hyder.

Syllabus

Unit No.	Title with Contents	تفصیل	No. of Lectures
I	Special Study : Qurratul ain Hyder Life, Literary work contemporary Fiction Writers	قرۃ العین کی حیات و شخصیت، ادبی خدمات ہم عصر فکشن نگار	10
II	Short Stories <ul style="list-style-type: none"> • Yeh Ghazi yeh tere Pur asrar Bandey • Nazzara Darmiyan hai 	مطالعہ متن: افسانے	20

	<ul style="list-style-type: none"> • Jil Watan • Roshani ki Raftaar • Main ne Lakhon ke Bol Sahe <p>Critical study of above mentioned short stories. Characterization, plot, Technique and style of writing</p>	<p>یہ غازی یہ تیرے پر اسرار بندے نظارہ درمیان ہے جلاوطن روشنی کی رفتار میں نے لاکھوں کے بول سہے مندرجہ بالا افسانوں کا فنی و تنقیدی جائزہ، تکنیک ہیبت، کردار نگاری، پلاٹ اور اسلوب نگارش</p>	
III	<p>Novel: Aag ka Darya Critical study of above motioned Novel Characterization, plot, Technique and style of writing</p>	<p>مطالعہ متن ناول: آگ کا دریا ناول آگ کا دریا کا تنقیدی و فنی جائزہ، تکنیک و ہیبت، پلاٹ، کردار، اسلوب نگارش</p>	20
IV	<p>Life Sketch Literary Trends , Style and Literary Works of Qurratuain Haider</p>	<p>قرۃ العین حیدر: حیات، افسانہ نگاری، ناول نگاری، اسلوب نگارش</p>	10

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

M.A Urdu Part I Semester I

Major Elective Paper-III

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	50	SEE	Total
I	Urdu Literary Movements ادبی تحریکیں	ME	URD 512 ME	60	04	30	...	70	100

Sr. No.	Aims & Objectives
1.	طلباء کو اردو ادب کے بدلتے رجحانات سے واقف کرانا۔
2.	طلباء کو مختلف ادبی تحریکوں کے ارتقاء اور زوال سے روشناس کرانا۔
3.	اردو شعر و ادب پر ادبی تحریکوں کے اثرات سے متعارف کرانا۔

Sr. No.	Learning Outcomes
1.	طلباء اردو ادب کے بدلتے رجحانات سے واقف ہوں گے۔
2.	طلباء مختلف ادبی تحریکوں کے ارتقاء اور زوال سے روشناس ہوں گے۔
3.	طلباء اردو شعر و ادب پر ادبی تحریکوں کے اثرات سے متعارف ہوں گے۔

Syllabus

Unit No.	Title with Contents	تفصیل	No. of Lectures
I	Ali garh Tahreek: Background, aims & objectives, Effects of Ali Garh Movement on Urdu Literature	علی گڑھ تحریک پس منظر، اغراض و مقاصد، آغاز و تقاضا اردو شاعری اور نثر پر علی گڑھ تحریک کے اثرات	10
II	Sir Sayyed Ahmed Khan & his Companions Literary work & contribution	سر سید احمد خان اور ان کے رفقاء ادبی خدمات	20
III	Progressive Movement: Background, Aims & objectives and its effects on Urdu Literature	ترقی پسند تحریک: تاریخ، اغراض و مقاصد اور تقاضا اور زوال ترقی پسند تحریک کے اثرات اردو شاعری اور نثر پر	20
IV	Jadeediyat Aur Mabaad Jadidiyat: Background, Aims & objectives and its effects on Urdu Literature	جدیدیت اور مابعد جدیدیت: تاریخ، اغراض و مقاصد اور تقاضا اور زوال	10

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

M.A. Urdu Part I Semester I

Major Elective Paper-IV

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ES E	Total
I	Urdu: Study of Classical Prose Text (Gulistan-e-Sadi)	ME	URD 513 ME	60	04	30	....	70	100

Sr. No.	Aims & Objectives of the Paper
1.	To improve knowledge and understanding of Persian Language and Literature.
2.	To improve knowledge and understanding of Historical, Political and social conditions of various periods of Iran & India.
3.	To understand the various literary forms of Persian Literature.
4.	To expose students to classical Persian literature.

Sr. No.	Learning Outcome
1.	The knowledge of students regarding Persian literature increases significantly.
2.	Students gain familiarity with classical Persian prose.
3.	Students are exposed to the history of classical Iran.

Syllabus

Gulistan- e – Saadi, Chapter –III & VII By Shaikh Saadi

Unit	Title with Contents	No. of Lectures 60
I	Literary Trends and various types of prose writing in Ghaznavi Period	08
II	Life Sketch, Literary Works & Style of Saadi.	08
III	Critical Study of Gulistan-e-Saadi.	10
IV	Contemporary prose writers of Saadi.	10
V	Study of the Text Chapter III.	12
VI	Study of the Text Chapter VII.	12

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	1 X 10	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for End Semester Exam

Time: 3 hours

Marks:70

- Q.1: Development of Persian prose writing. 14
- Q.2: Translation of the Passages. (Two out of Three) 14
- Q.3: Questions on text book .(Gulistan e Saadi: Chapt 3rd and 7th) 14
- Q.4: Questions on Author. (Shaikh Saadi) 14
- Q.5: Contemporary prose writers of Saadi. (Two out of Four) 14

.....
Total 70 Marks

M.A Urdu Semester I Syllabus 2023-24, SPPU

References:

Sr. No.	Author	Title of the Book
1.	RazaZadehShafaque	Tareekh-e-Adbiyat-e-Iran
2.	Sayyad Ameer Hasan Abidi	Hindustani Farsi Adab Ka Irtequa
3.	Shaikh Saadi	Gulistan-e-Saadi

M.A Urdu Part I Semester I

Research Methodology

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	PR	SEE	Total
I	Research Methodology	RM	URD 541 RM	60	02	15		35	50
I	Research Methodology	RM	URD 541 RMP	60	02	15	35		50

Aims & Objectives of the Course

Sr. No.	Objectives
1.	طلباء میں تحقیق کا رجحان پیدا کرنا۔
2.	طلباء کو جدید طریقہ تحقیق سے واقف کرانا
3.	تحقیق کے مقاصد اور ضرورت سے روشناس کرانا۔
4.	تحقیقی مقالہ کا خاکہ تیار کرانا۔

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء میں تحقیقی رجحان پیدا ہوگا۔
2.	طلباء تحقیقی اصول کو سمجھ پائیں گے۔
3.	طلباء تحقیقی خاکہ تیار کر پائیں گے۔

M.A Urdu Semester I Syllabus 2023-24, SPPU

Syllabus

Unit No.	Title with Contents	تفصیل	No. of Lectures
I	Research: Objectives, Introduction, Need, Relationship between Research and Criticism	تحقیق: مقاصد، تعارف، ضرورت، تحقیق و تنقید کا رشتہ	10
II	Types of research Data Collection Sources of research material Research ethics	تحقیق کے اقسام مواد کے حصول لوازمات تحقیقی مواد کے ماخذ تحقیق کے آداب و اخلاقیات	15
III	Research problems Developing a Research Outline Title Introduction Review of previous material Hypothesis Planning References/Bibliography	تحقیق کے مسائل تحقیقی خاکہ تیار کرنا عنوان تعارف سابقہ مواد کا جائزہ مفروضہ منصوبہ بندی حوالہ جات / کتابیات	15
IV	Dissertation Research report, research and editing methodology	مقالے کی تحقیق و تدوین تحقیقی رپورٹ، تحقیق و تدوین کا طریقہ کار	
V	Preparing a thesis on any one topic	کسی ایک عنوان پر مقالہ تیار کرنا	20

M.A Urdu Semester I Syllabus 2023-24, SPPU

Theory: Internal 15 SEE 50

Practical: Internal 15 SEE 50

EVALUATION PATTERN CA: 50 SEE: 50 (Practical)

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 15	05
B	MCQ	10 X 01	10
C	Research Paper (Practical)	1X15	15
	Making Power Point Presentation of Research proposal (Practical)	1X10	10
Total Marks of Continuous Assessment and Practical			50
Total Marks of Semester End Examination			35
Continuous Assessment (Make a Proposal of a Research Project and submit the hard copy)			15
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 35

Question Number 1: Question on Unit I & II with Internal Choice 15

Question Number 2: Question on Unit III & IV with Internal Choice 10

Question Number 3: Question on Unit I-IV (2 out of 4) 10



FACULTY OF HUMANITIES

Syllabus as Per NEP 2023 & SPPU Guidelines

**M.A Urdu Syllabus
(Choice Based Credit System 2023 Pattern)**

نصاب برائے ایم۔ اے سال اول

Academic Year 2023-2024

تعلیمی سال ۲۰۲۳-۲۰۲۴

(W.E.F JUNE 2023-2024)

**Illustrative Credit distribution structure for Two Years/ One Year PG
(M.A./M.Sc./M.Com.) and Ph. D. Programme**

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4 +2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4 +2*2 or 3*4+2)	4		4		20-22	
Cum. Cr. For PG Diploma			24-28	8	4	4	-	40-44	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4 +2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4 +2 or 3*4)	4			6	20-22	
Cum. Cr. for 1 Yr PG Degree			22-26	8			10	40-44	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									
	8.0		Course Work Min. 12 (3*4)			Training in Teaching / Education/ Pedagogy: 4	16 + Ph. D. Work		Ph.D. in Subject

Abbreviations: Yr.: Year; Sem.: Semester; OJT: On Job Training; Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP; Cumulative Credits: Cum. Cr.

Savitribai Phule Pune University, Pune

Credit Framework for Post Graduate (PG)

Level	Semester	Credits Related to Major		Research Methodology (RM)	Internship On Job Training (OJT)	Research Project (RP)	Total
		Major Core	Major Elective				
6.0	I	10(T) + 4(P)	2 (T) + 2 (T/P)	4	0	0	22
	II	10(T) + 4(P)	2 (T) + 2 (T/P)	0	4 (OJT)	0	22
Exit option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year							
6.5	III	10 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	4	22
	IV	8 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	6	22
Total 4 Years		54	16	4	4	10	88
2 Years-4 Sem. Award PG Degree on completion 88 credits after Three Year UG Degree or 1 Year-2 Sem PG Degree (44 credits) after Four Year UG Degree							

Notes:

Abbreviation: T – Theory, P – Practical

3. Wherever require the BOS can choose theory or practical course as per the need and within the given structure.
4. Each course should be designed with minimum 2 or maximum 4 credits.

Revised 21/6/2023

**M.A Urdu Structure AS Per SPPU Guidelines First Year Sem I & II w.e.f
2023-2024**

SEM	Credits Related To Major		Research Methodology (RM)	Internship/ On Job Training OJT/ Field Project (FP)	Research Project (RP)	CUMULATIVE CREDITS
	Mandatory / Major Core	Major Elective				
I	12 (T) 2 (P) 3 *4+2=14	4	4	-----	-----	14+4+4= 22
II	12 (T) 2 (P) 3 *4+2=14	4	-----	FP 4	-----	14+4+4= 22
Exit Option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year						
III	12 (T) 2 (P) 3 *4+2=14	4	-----	-----	4	14+4+4=22
IV	10(T) 2 (P) 3 *4= 12	4	-----	-----	6	12+4+6=22
	54	16	04	04	10	88
2 year-4sem. Award PG Degree on completion of 88 Credits after Three Year UG Degree OR continue with PG second year						

Aims & Objectives of M.A Urdu Programme:

اغراض و مقاصد

To promote and develop Urdu Language and Literature.	اردو زبان و ادب کی ترقی اور ترویج۔
To acquaint the students with the literary asset of Urdu Language.	اردو کے ادبی سرمائے سے طلباء کو واقف کرانا۔
To enhance the creative writing skill and communication skill of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا کرنا۔
To build up the character and values among the students.	طلباء میں اخلاق و اقدار، تعمیری سوچ کو بڑھا دینا۔
To develop the aesthetic values of Urdu prose and poetry among the students.	طلباء کو اردو شعر و ادب کی جمالیات سے واقف کرانا۔
To promote the common cultural heritage of India through Urdu.	اردو زبان و ادب کے ذریعے ہندوستانی مشترکہ تہذیب سے روشناس کرانا۔
To enhance the critical and analytical ability of the students.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر کرنا۔
To Motivate the students for Research in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا کرنا۔
Job opportunities through Vocational, Skilled and Computer Courses.	طلباء کو وکیشنل کورسز اور اسکل کورسز، کمپیوٹر کے ذریعے روزگار سے منسلک کرنا۔
To acquaint the students with the changing trends, styles and techniques of literature.	طلباء کو ادب کے بدلتے رجحانات ہیئت اور ٹیکنیک سے واقف کرانا۔

Outcomes of M.A Urdu Programme:

ما حاصل

Students will take part in promotion and development of Urdu Language and Literature.	طلباء اردو زبان و ادب کی ترقی اور ترویج حصہ لے سکیں گے۔
Students will acquaint the importance of literature and language.	طلباء اردو کے ادبی سرمائے سے واقف ہوں گے۔
Creative writing skill and communication skill will be enhanced of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا ہوں گی۔
It will help character building and constructive thinking for the society among the students.	طلباء میں اخلاقی اقدار، تعمیری سوچ پر وان چڑھے گی۔
Students will understand the aesthetic values of Urdu prose.	طلباء اردو شعر و ادب کی جمالیات سے واقف ہوں گے۔
Students will come to know about the importance of common Indian cultural heritage	اردو زبان و ادب کے ذریعے ہندوستانی مشترکہ تہذیب سے روشناس ہوں گے۔

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Critical and analytical ability will be enhanced.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر ہوگی۔
Students can take up the Research work in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا ہوگا۔
Students will be skilled in different aspects for taking the job in future.	طلباء کو ووکیشنل کورسیس اور اسکل کورسز کے ذریعے روزگار کے مواقع ملیں گے۔
Students will acquaint with the changing trends, styles and techniques of Urdu literature.	طلباء ادب کے بدلتے رجحانات ہیئت اور ٹیکنیک سے واقف ہوں گے۔

EVALUATION METHOD:

For the each semester the 4 Credit Paper will be consists of 100 marks and 2 Credit Paper will be consists of 50 marks. 100 marks evaluated as 30 and 70. 30 as CA i.e Internal Assessment and Semester End Exam will be of 70 marks. Whereas the 2Credit Course will be of 15/35.

Credits	Internal	Practical	Semester End (Ext)	Total
4 (Theory)	30	.....	70	100
4 (practical)	15	35	50	100
2 (Theory)	15		35	50
2 (Practical)	15	35	.....	50
The 2 credit practical paper will have only internals and practical.				

PASSING CRITERIA:

- a) A student must obtain a minimum of 40% marks in Continuous Internal Evaluation , and minimum 40% marks in Project/ Practical/ OJT and 40% marks in Semester End Examination.
- b) It means that **passing separately** in Continuous Internal Evaluation), Project/ Practical/ OJT Examination and Semester End Examination is compulsory (whichever is applicable).

Credits	Internal Marks	Passing Marks	Practical	Passing Marks	Semester End Exam (Ext)	Passing Marks	Overall Passing
04 (Theory)	30	12	---		70	28	12+28=40
02 (Theory)	15	06			35	14	06+14=20
04 (Practical)	15	06	30	14	50	20	12+28=40
02 (Practical) (Practical)	15	06	35	15	.....	.....	06+14=20
OJT (Practical)	30	12	70	28			12+28=40

**M.A Urdu Syllabus as per NEP Guidelines
Choice Based Credit System 2023 Pattern (W.E.F 2023-2024)
Semester-II**

Sem	Nature of Subject	Code No	Title of The Paper	Credits	Evaluation Pattern			
					INT Exam	PR	Ext Exam	Total
II	MM	URD 551 MJ	Modern Poetry Texts	04	30	...	70	100
II	MM	URD 552 MJ	Urdu: Study of Drama فن ڈرامہ نگاری	02 (Theory)	15	.....	35	50
II	MM	URD 552 MJP	Urdu: Study of Drama فن ڈرامہ نگاری	02 (Practical)	15	35	.....	50
II	MM	URD 553 MJ	Urdu Linguistic لسانیات	04	30	.....	70	100
II	MM	URD 554 MJ	Special Study of Poet (Ahmad Faraz)	02	15	.....	35	50
II	ME	URD 561 ME	Study of Classical Poet (Wali Dacani)	04	30	.....	70	100
II	ME	URD 562 ME	Special Study of Poet (Mirza Ghalib)	04	30	.....	70	100
II	ME	URD 563 ME	Study of Modern Poet (Makhdoom Mohiuddin)	04	30	.....	70	100
II	ME	URD 564 ME	Classical Poetry Text (PER)	04	30	.....	70	100
II	FP	URD 561 FP	Field Project	04	30	70		100
II	OJT	URD 581 OJT	On Job Training	04	30	70		100
				22				

M.A Urdu Part I Semester II

Major Mandatory Paper - I

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Modern Poetry Texts	Major Mandatory	551	Theory 60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To develop the thought provoking, analytical and critical abilities among the pupils.
2.	To acquaint the pupils with modern Poetic trends of literature.
3.	To enable students to explain the couplets.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Student will understand the art of poetry of different poets.
2.	Understanding of philosophical poetic thoughts of Allama Iqbal.
3.	Correlate the importance of poetry to the preset scenario.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
I	<ul style="list-style-type: none"> Chronological Development, History of Urdu Nazm, its kinds & Techniques Life Sketch, Poetic art of Allama Iqbal 	<p>اردو نظم کا آغاز، تاریخ اور ارتقا، نظم کے اقسام علامہ اقبال: حیات و شخصیت ادبی خدمات، فلسفہ، انداز بیان، شاعری کی خصوصیات</p>	60
II	Critical Study of Bale Jibrael	<p>مطالعہ متن بال جبریل کی منتخب نظمیں 1- مسجد قرطبہ 2- طارق کی دعا 3- فرمان خدا 4- ذوق و شوق 5- دین و سیاست 7- جبریل و ابلیس 8- پنجاب کے دہقان سے 9- شاہین 10- خودی</p>	25
III	<ul style="list-style-type: none"> Chronological Development, History & Techniques of Urdu Ghazal Life Sketch, Poetic art of Faiz Ahmad Faiz 	<p>اردو غزل: آغاز، تاریخ اور ارتقا، غزل کی ہیئت، غزل کی مقبولیت کے اسباب فیض احمد فیض کی حیات و شخصیت، فیض بحیثیت غزل گو شاعر، فیض کی شاعری کی خصوصیات، ہمعصر شعرا میں فیض کا مقام</p>	10

<p>IV</p>	<p>Critical Study of Dast-e-Saba</p>	<p>مطالعہ متن دست کی منتخب غزلیں 1- کبھی کبھی یاد میں ابھرتے ہیں نقشِ ماضی مٹے مٹے سے 2- تم آئے ہو، نہ شب انتظار گزری ہے 3- تمہاری یاد کے جب زخم بھرنے لگتے ہیں 4- شفق کی راکھ میں جل بچھ گیا ستارہ شام 5- گرائی شبِ ہجر اور دو چند کیا کرتے 6- وہیں ہے دیکھ کر اُن تمام کہتے ہیں 7- رنگِ پیر ہن کا، خوشبو زلف لہرانے کا نام 8- اب وہی حرف جنوں سب کی زباں ٹھہری ہے 9- کسی گماں پہ توقع زیادہ رکھتے ہیں 10- تیری صورت جو دلنشین کی ہے</p>	<p>15</p>
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Evaluation Pattern CA: 30 ESE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any One	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work– Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for End Semester Examination

Question Paper Pattern for End Semester Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice 15

Question Number 2: Question on Unit III on ghazal with Internal Choice 15

Question Number 3: Question on Unit II (1 Out of 3) 15

Question Number 4: Question on Unit III on Faiz with Internal Choice 15

Question Number 5: Explanation of couplets (5 out of 7) 10

M.A Urdu Part I Semester II

Major Mandatory Paper - II

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Urdu: Study of Drama فن ڈرامہ نگاری	MM	URD 552 MJ	Theory 30	02	15	.....	35	50
II	Urdu: Study of Drama فن ڈرامہ نگاری	MM	URD 552 MJP	Practical 60	02	15	35	.....	50

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To acquaint students with the art of drama.
2.	To promote the importance of drama among students.
3.	To give information to the students about important Urdu drama and dramatists.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Students are introduced to the art of drama.
2.	Students get to know the importance of drama.
3.	Students learn about important Urdu drama and dramatists.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
	Drama	ڈرامہ	60
I	Drama: Drama ka fun, Hindustan Mein Drama ki Riwayat, Drama ke Lawazmaat	ڈرامہ: ڈرامے کا فن، ہندوستان میں ڈرامے کی روایت، ڈرامے کے لوازمات	15
II	Drama ke aqsaam, ajza-e tarkibi Drama & Stage Urdu Mein Drama Ki Riwayat	ڈرامے کی اقسام، اجزائے ترکیبی، ڈرامہ اور اسٹیج، اردو میں ڈرامے کی روایت، اردو کے اہم ڈرامے (اجمالی جائزہ)	15
III	Special Study: Agra Bazar By Habib Tanveer Agra Bazar Ka Tanqidi Mutalea, Agra Bazar Ka Funni Mutalea, Agra Bazar Ka Tajziyati Mutalea, Agra Bazar Ki Kirdar Nigari, Mukalma Nigari Ect.	خصوصی مطالعہ: آگرہ بازار از حبیب تنویر آگرہ بازار کا تنقیدی مطالعہ، آگرہ بازار کا فنی مطالعہ، آگرہ بازار کا تجزیاتی مطالعہ، آگرہ بازار کی کردار نگاری، مکالمہ نگاری وغیرہ	20
IV	Habib Tanveer: Habib Tanveer Ki Hayat, Shakhsiyat, Fun Aur Adbi Khidmaat, Habib Tanveer Ki Darama Nigari, Habib Tanveer Ke Moaseree	حبیب تنویر: حبیب تنویر کی حیات، شخصیت، فن اور ادبی خدمات حبیب تنویر کی ڈرامہ نگاری، حبیب تنویر کے معاصرین	10

EVALUATION PATTERN

CA: 15 Practical: 35 SEE : 50

CA	Mode of Assessment	Marks	Total
A	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any One	1 X 15	15
B	Oral	10	10
C	Writing own Drama on any Topic Or Directing a play or drama	1X25	25
Total Marks of Continuous Assessment and Practical			50
Total Marks of End Semester Examination			35
Continuous Assessment Class Test/ Assignment/ Project/ Field Work (Any 3) 3X5 =15			15
Total Marks			100

Question Paper Pattern for End Semester Exam

Time: 1.30 hours

Marks: 35

Question Number 1: Question on Unit I with Internal Choice	10
Question Number 2: Question on Unit II with Internal Choice	10
Question Number 3: Question on Unit III with internal Choice	10
Question Number 4: Question on Unit I - IV (1 out of 3)	05

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Major Mandatory Paper - III

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	PR	ESE	Total
II	Urdu Linguistic لسانیات	MM	URD 553 MJ	60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To aware students how the languages have been emerged.
2.	To develop the importance of the language among the students.
3.	To make students understands how the linguistic and languages helps in Human civilization.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Students will know the scientific importance of language.
2.	Students will relate the language study with other subjects.
3.	Students will understand how the language can be converted into soft wares

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
	Linguistic	لسانیات	60
I		لسانیات کے مقاصد، لسانیات کا دوسرے علوم سے تعلق فوائد اور تاریخ	15
II	Importance and kinds of Phonetics	صوتی لسانیات کی شاخیں، صوتیات کی اقسام، زبانوں کے خاندان، لسانی گروہ بندی، ہند آریائی زبان	15
III	Chronological Development of Urdu Language Different views on Origin of Urdu Language	اردو زبان کی آغاز و ارتقاء، تاریخ مختلف ادوار اردو زبان کے آغاز سے متعلق مختلف نظریات نصیر الدین ہاشمی کا نظریہ محمود شیرانی کا نظریہ محی الدین قادری زور کا نظریہ سلیمان علی ندوی کا نظریہ محمد حسین آزاد کا نظریہ سنیتی کمار چٹرجی کا نظریہ شوکت سبزواری کا نظریہ سہیل بخاری کا نظریہ گیان چند جین کا نظریہ	20
IV	Thoughts of Schools about Origin of Urdu Language The Role of Sufi's in the Development of Urdu Language	زبان کی ارادی اور غیر ارادی تشکیل زبان پر اثر انداز ہونے والے عوامل سماجی، معاشی، ثقافتی، ادبی اردو زبان کی ترقی میں صوفیائے کرام کا حصہ، عوام کا حصہ، اور علما کے اثرات	10

EVALUATION PATTERN CA: 30 ESE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for End Semester Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Question on unit I to IV with internal Choice	10

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Major Mandatory Paper – IV

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Special Study of Poet (Ahmad Faraz)	Major Mandatory	URD 554 MJ	30	02	15	.....	35	50

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To develop the aesthetic value of Ahmad Faraz's Poetry.
2.	To understand the background of Ahmad Faraz's Poetry

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Develop the comparative analysis in the students.
2.	Understand explain the poetry and couplets.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
			30
I	Life Sketch Literary Trends , Style and Literary Works of Ahmad Faraz	احمد فراز: حیات و شخصیت، ادبی خدمات	10
II	Poetic Art of Ahmad Faraz	احمد فراز کی شاعری کی خصوصیات	10
III	Selected Ghazals of Ahmad Faraz	<p>مطالعہ متن</p> <p>احمد فراز کی دس غزلیں</p> <p>1- سنا ہے لوگ اسے آنکھ بھر کے دیکھتے ہیں</p> <p>2- ابھی کچھ اور کرشمے غزل کے دیکھتے ہیں</p> <p>3- اگرچہ زور ہواؤں نے ڈال رکھا ہے</p> <p>4- تیرے ہوتے ہوئے محفل میں جلاتے ہیں چراغ</p> <p>5- ایسا ہے کہ سب خواب مکمل نہیں ہوتے</p>	10

Evaluation Pattern CA: 25 ESE: 25

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	Assignment / Student Presentation/ Group Discussion / Extension Work/ Report / Note on research paper/s or study tours / Extension Work– Any one	1X 5	05
Total Marks of Continuous Evaluation			15
Total Marks of End Semester Examination			35
Total Marks			50

Question Paper Pattern for End Semester Exam

Time: 11/2 hours

Marks: 35

Question Number 1: Question on Unit I with Internal Choice 15

Question Number 2: Question on Unit II with Internal Choice 10

Question Number 5: Question on Unit I - IV (2 out of 4) 10

M.A Urdu Part I Semester II

Major Elective Paper

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Study of Classical Poet (Wali Dacani)	ME	URD 561 ME	60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To develop the aesthetic value of Wali's Poetry.
2.	To understand the background of Wali's Poetry

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Develop the comparative analysis in the students.
2.	Understand explain the poetry and couplets.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
			60
I	Life Sketch Literary Trends , Style and Literary Works of Wali Dacani	ولی دکنی: حیات و شخصیت، ادبی خدمات	15
II	Poetic Art of Wali Dacani	ولی دکنی کا فن: شاعری کی خصوصیات، اسلوب	15
III	Contemporary poets of Wali Dacani	ولی کے ہم عصر شعرا : دیستان دکن: دیستان دہلی:	15
IV	Kulliyat-e Wali by Wali Daccani	مطالعہ متن: کلیات ولی از ولی دکنی ردیف الف کی پہلی 15 غزلیں	15

EVALUATION PATTERN CA: 30 ESE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for End Semester Examination

Question Paper Pattern for End Semester Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Short notes on Unit I to III (2 out of 4)	15
Question Number 5: Explanation of couplets (5 out of 7)	10

M.A Urdu Semester II

Major Elective Paper

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Special Study of Poet (Mirza Ghalib)	ME	URD 562 ME	Theory 60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To develop the aesthetic value of Ghalib's Poetry.
2.	To understand the background of Ghalib's Poetry

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Develop the comparative analysis in the students.
2.	Understand explain the poetry and couplets.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
			60
I	Life Sketch Literary Trends , Style and Literary Works of Mirza Ghalib	مرزا غالب: حیات و شخصیت، اخلاق و عادات ادبی خدمات	15
II	Ghalib's Prose Writing: Dastambu Khutut-e- Ghalib Ude Hindi Critical and Literary review of above books Style of Writing	غالب کی نثر: دستنبو خطوط غالب عود ہندی مندرجہ بالا کتابوں کا فنی اور تنقیدی جائزہ، غالب کی نثر نگاری، اسلوب	15
III	Mirza Ghalib's Poetry Ghalib as Masnavi Nigar Ghalib as Qaseeda Nigar Art of Ghazal Writing	غالب کی شاعری غالب بحیثیت مثنوی نگار غالب بحیثیت قصیدہ نگار غالب کی غزل گوئی	15
IV	Text Deewan-e Ghalib Radif ALif First 20 Ghazals	مطالعہ متن: دیوان غالب ردیف الف کی پہلی بیس غزلیں	15

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for End Semester Examination

Question Paper Pattern for End Semester Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Short notes on Unit I to III (2 out of 4)	15
Question Number 5: Explanation of couplets (5 out of 7)	10

M.A Urdu Semester II

Major Elective Paper

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						Int	Practical	Ext	Total
II	Study of Modern Poet (Makhdoom Mohiuddin)	Major Elective	URD 563 ME	Theory 60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To understand the nature of Progressive movement.
2.	To develop the aesthetic value of Makhdoom's Poetry.
3.	To understand the background of Makhdoom Ahmed's Poetry
4.	To understand the poetic nature in 20 th century.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Develop the comparative analysis in the students.
2.	Understand explain the poetry and couplets.

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Unit اکائی	Title with Contents	تفصیل	No. of Lectures
			60
I	Effects of Progressive Writers' Movement on Urdu Literature	مخدوم محی الدین: حیات و شخصیت، ادبی خدمات،	10
II	Life Sketch Literary Trends , Style and Literary Works of Makhdoom Mohiuddin	مخدوم کافن: مخدوم کی غزل گوئی مخدوم کی رومانی شاعری مخدوم کی انقلابی شاعری مخدوم کی نظم نگاری	15
III	Special Study Bisate Raqs Surkh Sawera Critical and Literary review of above books Style of Writing	خصوصی مطالعہ بساط رقص سرخ سویرا مندرجہ بالا کتابوں کا فنی اور تنقیدی جائزہ، انداز بیان	15
IV	Selected Poems of Makhdoom Mohiuddin <ul style="list-style-type: none"> • Intezar • Jung • Jahan-e- Nau • Inqalab • Charah Gar 	مطالعہ متن: مخدوم کی منتخب نظمیں انتظار جنگ جہانِ نو انقلاب چارہ گر	15

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Short notes on Unit I to III (2 out of 4)	15
Question Number 5: Explanation of couplets (5 out of 7)	10

M.A Urdu Semester II

Major Elective Paper

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						Int	Practical	Ext	Total
II	Classical Poetry Text (PER)	Major Elective	URD 564 ME	Theory 60	04	30	.....	70	100

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To improve knowledge and understanding of Persian Language and Literature.
2.	To improve knowledge and understanding of Historical, Political and social conditions of various periods of Iran & India.
3.	To understand the various literary forms of Persian Literature.
4.	To expose students to classical Persian literature.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	The knowledge of students regarding Persian literature increases significantly.
2.	Students gain familiarity with Classical Persian Literature.
3.	Students are exposed to the history of Classical India & Iran.

EVALUATION PATTERN CA: 30 SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10X 1	10
C	Assignment / Student Presentation/ Group Discussion / Extension Work/ Any one	1X5 = 5 1X5 = 5	10
D	Report / Note on research paper/s or study tours / Extension Work/ Open Book Test/ Project/ field Visit Any one		
Total Marks of Continuous Evaluation			30
Total Marks of End Semester Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Short notes on Unit I to III (2 out of 4)	15
Question Number 5: Explanation of couplets (5 out of 7)	10

M.A Urdu Part I Semester II

FIELD PROJECT

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						CA	Practical	ESE	Total
II	Field Project	Field Project	URD 581 FP	120	04	30	70	.....	100

Description	No. of Hours to be engaged
Field Project: students take up the field project related to their Major subjects.	120 Hours

M.A Urdu Part I Semester II

On Job Training

Sem	Course/ Paper Title	Nature of Paper	Paper Code	No. of teaching hours	No. of Credits	Evaluation Pattern			
						Int	Practical	Ext	Total
II	On job Training	OJT	URD 581 OJT	120	04	30	70	.....	100



FACULTY OF HUMANITIES
Syllabus as Per NEP Guidelines

M.A Urdu Part II Syllabus
(Choice Based Credit System 2023 Pattern)

نصاب برائے سال دوم

Academic Year 2024-2025

تعلیمی سال

(W.E.F JUNE 2024-2025)

**M.A Urdu Structure AS Per SPPU Guidelines First Year Sem III & IV w.e.f.
2024-2025**

Savitribai Phule Pune University, Pune

Credit Framework for Post Graduate (PG)

Level	Semester	Credits Related to Major		Research Methodology (RM)	Internship On Job Training (OJT)	Research Project (RP)	Total
		Major Core	Major Elective				
6.0	I	10(T) + 4(P)	2 (T) + 2 (T/P)	4	0	0	22
	II	10(T) + 4(P)	2 (T) + 2 (T/P)	0	4 (OJT)	0	22
Exit option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year							
6.5	III	10 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	4	22
	IV	8 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	6	22
Total 4 Years		54	16	4	4	10	88
2 Years-4 Sem. Award PG Degree on completion 88 credits after Three Year UG Degree or 1 Year-2 Sem PG Degree (44 credits) after Four Year UG Degree							

Notes:

Abbreviation: T – Theory, P – Practical

3. Wherever require the BOS can choose theory or practical course as per the need and within the given structure.
4. Each course should be designed with minimum 2 or maximum 4 credits.

Paresh
21/6/2023

SEM	Credits Related To Major		Research Methodology (RM)	Internship/ On Job Training OJT/ Field Project (FP)	Research Project (RP)	CUMULATIVE CREDITS
	Mandatory / Major Core	Major Elective				
I	12 (T) 2 (P) 3 *4+2=14	4	4	-----	-----	14+4+4= 22
II	12 (T) 2 (P) 3 *4+2=14	4	-----	FP 4	-----	14+4+4= 22
Exit Option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree OR continue with PG second year						
III	12 (T) 2 (P) 3 *4+2=14	4	-----	-----	4	14+4+4=22
IV	10(T) 2 (P) 3 *4= 12	4	-----	-----	6	12+4+6=22
	54	16	04	04	10	88
2 year-4sem. Award PG Degree on completion of 88 Credits after Three Year UG Degree OR continue with PG second year						

Aims & Objectives of M.A Urdu Programme:**اغراض و مقاصد**

To promote and develop Urdu Language and Literature.	اردو زبان و ادب کی ترقی اور ترویج۔
To acquaint the students with the literary asset of Urdu Language.	اردو کے ادبی سرمائے سے طلباء کو واقف کرانا۔
To enhance the creative writing skill and communication skill of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا کرنا۔
To build up the character and values among the students.	طلباء میں اخلاق و اقدار، تعمیری سوچ کو بڑھاوا دینا۔
To develop the aesthetic values of Urdu prose and poetry among the students.	طلباء کو اردو شعر و ادب کی جمالیات سے واقف کرانا۔
To promote the common cultural heritage of India through Urdu.	اردو زبان و ادب کے ذریعے ہندوستانی مشرکہ تہذیب سے روشناس کرانا۔
To enhance the critical and analytical ability of the students.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر کرانا۔
To Motivate the students for Research in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا کرنا۔
Job opportunities through Vocational, Skilled and Computer Courses.	طلباء کو ووکیشنل کورسیس اور اسکول کورسز، کمپیوٹر کے ذریعے روزگار سے منسلک کرنا۔
To acquaint the students with the changing trends, styles and techniques of literature.	طلباء کو ادب کے بدلتے رجحانات بیت اور ٹیکنیک سے واقف کرانا۔

Outcomes of M.A Urdu Programme**ماحصل**

Students will take part in promotion and development of Urdu Language and Literature.	طلباء اردو زبان و ادب کی ترقی اور ترویج حصہ لے سکیں گے۔
Students will acquaint the importance of literature and language.	طلباء اردو کے ادبی سرمائے سے واقف ہوں گے۔
Creative writing skill and communication skill will be enhanced of the students.	طلباء میں تخلیقی، ترسیلی اور تحریری صلاحیتیں پیدا ہوگی۔
It will help character building and constructive thinking for the society among the students.	طلباء میں اخلاقی اقدار، تعمیری سوچ پروان چڑھے گی۔
Students will understand the aesthetic values of Urdu prose.	طلباء اردو شعر و ادب کی جمالیات سے واقف ہوں گے۔
Students will come to know about the importance of common Indian cultural heritage	اردو زبان و ادب کے ذریعے ہندوستانی مشرکہ تہذیب سے روشناس ہوں گے۔
Critical and analytical ability will be enhanced.	طلباء میں تجزیاتی، تنقیدی صلاحیتوں کو اجاگر ہوگی۔

Students can take up the Research work in the field of Urdu literature and linguistic.	طلباء میں اردو ادب و لسانیات سے متعلق تحقیقی رجحان پیدا ہوگا۔
Students will be skilled in different aspects for taking the job in future.	طلباء کو ووکیشنل کورسز اور اسکال کورسز کے ذریعے روزگار کے مواقع ملیں گے۔
Students will acquaint with the changing trends, styles and techniques of Urdu literature.	طلباء ادب کے بدلتے رجحانات بیت اور ٹیکنیک سے واقف ہوں گے۔

**M.A Urdu Syllabus as per NEP Guidelines
Choice Based Credit System 2023 Pattern
Structure for Semester- III**

Sem	Nature of Subject	Code No	Title of The Paper	Credits	Evaluation Pattern			
					CA	PR	SEE	Total
III	MM	URD 601 MJ	Medieval Prose Texts	04	30	...	70	100
III	MM	URD 602 MJ	Urdu Literary Criticism	04	30	.....	70	100
III	MM	URD 603 MJ	Art of Letter Writing	02	15	.....	35	50
III	MM	URD 604 MJ	History of Urdu Literature upto 1857	02 (Theory)	15	.....	35	50
III	MM	URD 604 MJP	History of Urdu Literature upto 1857	02 (Practical)		15	35	50
III	ME	URD 610 MJ	Study of Deccani Literatur	04	30	.....	70	100
III	M E	URD 611 MJ	Study of Classical Natiya Poetry	04	30	.....	70	100
III	M E	URD 612 MJ	PR: Modern Persian Prose Text (Subordinate)	04	30	.....	70	100
III	RM	URD 631 RP	Research Project	04		30P	70P	100
			Total Credit	22				

M.A Urdu Syllabus as per NEP Guidelines
Choice Based Credit System 2023 Pattern
Structure for Semester- IV

Sem	Nature of Subject	Code No	Title of The Paper	Credits	Evaluation Pattern			
					CA	PR	SEE	Total
IV	MM	URD 651 MJ	Medieval Poetry Texts	04	30	...	70	100
IV	MM	URD 652 MJ	Important Critics of Urdu	04	30	.....	70	100
IV	MM	URD 654 MJ	History of Urdu Literature from 1857 to 1990	02 (Theory)	15	.....	35	50
IV	MM	URD 654 MJP	History of Urdu Literature from 1857 to 1990	02 (Practical)		15	35	50
IV	ME	URD 660 MJ	Study of Deccani Masnavi	04	30	.....	70	100
IV	M E	URD 661 MJ	Study of Modern Natiya Poetry	04	30	.....	70	100
IV	M E	URD 662 MJ	Modern Persian Poetry Text (Subordinate)	04	30	.....	70	100
IV	RM	URD 681 RP	Research Project	06		30 P	70 P	100
			Total Credit	22				

Course/ Paper Title	Medieval Prose Texts
Nature of Course	Major Mandatory
Course Code	URD 601 MJ
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Learning Outcome
1.	طلباء کو جدید نثری رجحان سے واقف کرانا۔
2.	جدید نثری اصناف سے طلباء کو روشناس کرانا۔
3.	سوانح نگاری اور انشائیہ نگاری کے فن اور تاریخ سے متعارف کرانا۔

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء جدید نثری رجحان سے واقف ہونگے۔
2.	جدید نثری اصناف سے طلباء روشناس ہونگے۔
3.	سوانح نگاری اور انشائیہ نگاری کے فن اور تاریخ سے واقفیت ہوگی۔

Syllabus

Unit No.	Title with Contents	No. of Lectures60
I	سوانح نگاری فن سوانح نگاری کی روایت، اصول، تاریخ و ارتقا	15
II	مطالعہ متن: الفاروق از شبلی نعمانی الفاروق: تجزیاتی مطالعہ شبلی نعمانی: حیات و شخصیت، ادبی خدمات، اسلوب، نثر نگاری	15
III	انشائیہ نگاری انشائیہ نگاری کی تعریف، تاریخ، خصوصیات آغاز و ارتقاء	10
IV	مطالعہ متن: غبار خاطر۔ مولانا ابوالکلام آزاد مولانا آزاد حیات و شخصیت، علمی و ادبی و خدمات انشائیہ نگار، مکتوب نگار، نثر نگار غبار خاطر کا تنقیدی جائزہ، غبار خاطر کے خطوط	20

EVALUATION PATTERN CA: 30

SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10
C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice 15

Question Number 2: Question on Unit II with Internal Choice 15

Question Number 3: Question on Unit III with internal Choice 15

Question Number 4: Question on Unit IV with internal Choice 15

Question Number 5: Short Notes Unit I - IV (2 out of 4) 10

Course/ Paper Title	Urdu Literary Criticism ادبی تنقید
Nature of Course	Major Mandatory
Course Code	URD 602 MJ
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	ادب میں تنقید کی اہمیت و افادیت و ضرورت سے روشناس کرانا۔
2.	اردو تنقید کے آغاز و ارتقاء کا جائزہ لینا۔
3.	اردو تنقید پر مغربی و مشرقی اثرات سے واقف کرانا۔
4.	مختلف ناقدین کی آراء و خیالات سے واقف کرانا۔

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء ادب میں تنقید کی اہمیت و ضرورت کو سمجھ پائیں گے۔
2.	کسی بھی فن پارے کا تجزیہ کر پائیں گے۔
3.	طلباء میں تقابلی تجزیے کی صلاحیت پیدا ہونگی۔

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	ادبی تنقید کی تعریف، اصول، اہمیت و افادیت، ماہیت اردو تنقید کا آغاز و ارتقاء	15
II	مشرقی تنقید تذکرہ نگاری - تاریخ نکات الشعراء، گلشن بے خار اور آب حیات کا خصوصی مطالعہ مغربی تنقید نقاد: ارسطو، اے آئی۔ رچرڈ، ٹینی سن	15
III	تنقید کے مختلف دبستان تأثراتی تنقید، جمالیاتی تنقید، رومانی تنقید نقاد: نیاز فتح پوری، مہدی افادی	15

IV	نفسیاتی تنقید - تعارف اور اہم ناقدین سائنٹیفک تنقید- تعارف اور اہم ناقدین تقابلی تنقید- تعارف اور اہم ناقدین مارکسی تنقید- تعارف اور اہم ناقدین	15
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VALUATIONPATTERN CA: 30**SEE: 70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10
C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

Course/ Paper Title	Art of Letter Writing مکتوب نگاری
Nature of Course	Major Mandatory
Course Code	URD 603 MJ
Semester	III
No. of Credits	2
No. of teaching hours	30 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	طلباء میں مکتوب نگاری کے فن سے آگاہ کرنا۔
2.	طلباء کو مکتوب نگاری کے بدلتے رجحان سے واقف کرانا۔
3.	طلباء میں جدید خطوط نگاری کی مہارت پیدا کرنا۔

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء مکتوب نگاری کے فن سے آگاہ ہونگے۔
2.	طلباء مکتوب نگاری کے بدلتے رجحان سے واقف ہونگے۔
3.	طلباء میں جدید خطوط نگاری کی مہارت پیدا ہونگی۔

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	مکتوب نگاری - تعریف، فن ، اقسام، تاریخ	10
II	خصوصی مطالعہ - خطوط غالب غالب کی حیات، ادبی خدمات، نثر نگاری، مکتوب نگاری خطوط غالب کا تنقیدی و فنی جائزہ	20

EVALUATIONPATTERN CA: 15**SEE: 35**

CA	Mode of Assessment	Marks	Total
A	MCQ	10 X 1	10
B	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 05	10
Total Marks of Continuous Assessment			15
Total Marks of Semester End Examination			35
Total Marks			50

Question Paper Pattern for Semester End Exam

Time: 2 hours

Marks: 35

Question Number 1: Question on Unit I with Internal Choice	10
Question Number 2: Question on Unit II with Internal Choice	10
Question Number 3: Short Notes Unit I - II (3 out of 5)	15

Course/ Paper Title	History of Urdu Literature Upto 1857 تاریخ اردو ادب آغاز سے ۱۸۵۷ء تک
Nature of Course	Major Mandatory
Course Code	URD 604 MJ
	URD 604 MJP
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	طلباء کو اردو کے آغاز و ارتقاء سے متعلق واقف کرانا۔
2.	ادب عالیہ کی اہمیت و افادیت کو اجاگر کرنا۔
3.	اردو زبان و ادب کی اہمیت و افادیت سے واقف کرانا

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء اردو زبان و ادب کی اہمیت سے واقف ہونگے۔
2.	کلاسیکل نثر و نظم کی ہیئت سے آگاہ ہونگے۔
3.	شاعری کی مختلف اصناف غزل ، قصیدہ و مثنوی کی روایت سے روشناس ہونگے۔

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	تاریخ اردو ادب آغاز سے ۱۸۵۷ء تک اردو نثر کا سرسری جائزہ - داستان، تذکرے، صحافت اردو شاعری کا سرسری جائزہ - دکن میں اردو شاعری ، شمال میں اردو شاعری غزل، قصیدہ ، مرثیہ ، مثنوی دکن کا تعارف، فن اور تاریخ شمال اور دکن کے حوالے سے	15

II	میر تقی میر: حیات و شخصیت، ادبی خدمات، میر بحیثیت غزل گو، میر بحیثیت مثنوی نگار	15
III	مرثیہ:- مرزا دبیر فن اور شخصیت قصیدہ:- مرزا محمد رفیع سودا فن اور شخصیت	15
IV	ملا وجہی: حیات و شخصیت، ادبی خدمات، داستان گوئی سب رس: تنقیدی و فنی جائزہ، ادبی اہمیت، اسلوب، کردار نگاری، قصہ	14

Theory: Internal 15 SEE 35 Total 50

Practical: Internal 15 SEE 35 Total 50

EVALUATION PATTERN CA: 15 SEE: 35 (Practical)

CA	Mode of Assessment	Marks	Total
EVALUATION PATTERN CA: 15 SEE: 35 (Practical)			
A	MCQ (Internal)	15 X 1	15
B	Orals	10	10
C	Presentation	1X10	10
D	Project	1X15	15
Total Marks of Practical			50
EVALUATION PATTERN CA: 15 SEE: 35 (Theory)			
Continuous Assessment Class Test/ Assignment/ Project/ Field Work			15
(Any 3) 3X5 =15			
Total Marks of Semester End Examination			35
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 2 hours

Marks: 35

Question Number 1: Question on Unit I & II with Internal Choice 15

Question Number 2: Question on Unit III & IV with internal Choice 10

Question Number 5: Short Notes Unit I - IV (2 out of 4) 10

Course/ Paper Title	Study of Deccani Literature دکنی ادب کا مطالعہ
Nature of Course	Major Elective
Course Code	URD 610 MJ
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	دکنی دبستان کی اہمیت و ادبی خدمات سے واقف کرانا۔
2.	دکن میں مختلف حکمرانوں کے ادوار میں اردو کی نشوونما کا جائزہ لینا۔
3.	طلباء کو اس بات سے واقف کرانا کہ ادب عالیہ کے بہترین نمونے دکن میں موجود ہیں۔
4.	دکن کی لسانی انفرادیت سے روشناس کرانا۔

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	طلباء دکنی زبان اور اس کی لسانی خوبیوں سے واقف ہونگے۔
2.	دکن کے شعری رجحان اور مزاج کو سمجھنے کی صلاحیت پیدا ہوگی۔
3.	دکن کا اردو اور شمالی ہند پر اثرات سے واقف ہونگے۔

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	دکنی ادب کا تعارف مختلف ادوار کی خدمات بہمنی دور ، عادل شاہی دور ، قطب شاہی دور	15
II	دکنی مثنوی، دکنی غزل ، داستان تاریخ اور خصوصیات	15

III	<p style="text-align: center;">خصوصی مطالعہ قلی قطب شاہ - فن اور شخصیت علی عادل شاہ ثانی- فن اور شخصیت مطالعہ متن کلیات محمد قلی قطب شاہ مرتب از سیدہ جعفر (پہلی دس نظمیں) "نورس " از ابراہیم عادل شاہ ثانی نورس کا تجزیاتی و تنقیدی جائزہ</p>	15
IV	<p style="text-align: center;">خصوصی مطالعہ پھولبن از ابن نشاطی پھول بن کا قصہ، کردار، تنقیدی و فنی جائزہ، انداز بیان ابن نشاطی فن اور شخصیت</p>	15

EVALUATION PATTERN CA: 30**SEE: 70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10
C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Short Notes Unit I - IV (2 out of 4)	10

Course/ Paper Title	Study of Classical Natiya Poetry
Nature of Course	Major Elective
Course Code	URD 611 MJ
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To improve knowledge and understanding of Urdu Language and Literature.
2.	To make students aware of the art of Naat.
3.	To familiarize the students with Natiya poetry.
4.	To acquaint the students with the life and poetry of important Naat poets.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	The knowledge of students regarding Urdu literature increases significantly.
2.	Students become aware of the art of Naat.
3.	Students get familiar with Natiya poetry.
4.	Students get familiar with the life and poetry of important Naat poets.

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	<p>Naat: Art, Technique, Utility, Importance and Development of Naat. Reasons for Popularity of Naat.</p> <p>نعت : نعت کا فن، تکنیک، افادیت، اہمیت اور ترقی۔ نعت کی مقبولیت کے اسباب۔ جنگِ آزادی ۱۸۵۷ء کا پس منظر و پیش منظر: جنگِ آزادی ۱۸۵۷ء کے سیاسی، سماجی و ادبی حالات کا سرسری جائزہ۔ جنگِ آزادی ۱۸۵۷ء سے قبل و بعد کے نعتیہ ادب کا تفصیلی جائزہ۔</p>	15

II	<p>Study of Natiya Poets: Mohsin Kakorvi:</p> <p>نعتیہ شعرا کا مطالعہ: محسن کاکوروی:</p> <p>محسن کاکوروی کی حیات، شخصیت اور ادبی خدمات - محسن کاکوروی کی شاعری کا فنی و تنقیدی مطالعہ، محسن کی نعت گوئی کا فنی و تنقیدی جائزہ۔</p> <p>مطالعہ متن: "کلیاتِ نعت (مولوی محمد محسن) (مرتبہ: مولوی محمد نورالحسن)" کا مطالعہ نعتیہ قصائد: گلدستہ کلامِ رحمت سرایا رسول اکرم ﷺ</p>	15
III	<p>Ameer Minai:</p> <p>امیر مینائی: امیر مینائی کی حیات، شخصیت اور ادبی خدمات۔ امیر مینائی کی شاعری کا فنی و تنقیدی مطالعہ، امیر مینائی کی نعت گوئی کا فنی و تنقیدی جائزہ۔</p> <p>مطالعہ متن: نعتیہ دیوان "محامدِ خاتم النبیین" کا مطالعہ (ردیف الف کی تمام نعتیں)</p>	15
IV	<p>Hasan Raza Barelwi:</p> <p>حسن رضا باریلوی: حسن کی حیات، شخصیت اور ادبی خدمات - حسن کی شاعری کا فنی و تنقیدی مطالعہ، حسن کی نعت گوئی کا فنی و تنقیدی جائزہ۔</p> <p>مطالعہ متن: نعتیہ دیوان "ذوق نعت" کا مطالعہ (ردیف الف کی تمام نعتیں)</p>	15

EVALUATION PATTERN :30**ESE:70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	Assignment	1 X 10	10
C	Oral / Student Presentation/ Group Discussion/Extension Work/ Any Two	1X5=5	10
D	Report/Note on research paper/ study tours / Extension Work– Any one	1X5=5	
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3hours

Marks:70

Question Number 1: Question on Unit I with Internal Choice	14
Question Number 2: Question on Unit II with Internal Choice	14
Question Number 3: Question on Unit III with internal Choice	14
Question Number 4: Question on Unit IV with internal Choice	14
Question Number 4: Explanation of couplets. (7 out of 9)	14

Total 70 Marks

References:

Sr. No.	Author	Title of the Book
1.	Dr. Farman Fatehpuri	Urdu Ki Natiya Shayri
2.	Ameer Minai	Muhamid Khatimun Nabiyyeen
3.	Sayyed Kifayat Ali Kafi	Khayaban-e-Firdaous
4.	Tartib: Molvi Md Noor Ul Hasan	Kuliyat-e-Naat (Molvi Md Mohsin)
5	Hasan Raza Barelwi	Zauqe-e-Naat

Course/ Paper Title	Modern Persian Prose Text (Subordinate)
Nature of Course	Major Elective
Course Code	URD 612 MJ
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Aims & Objectives of the Course

Sr. No.	Objectives
1.	To improve knowledge and understanding of Persian Language and Literature.
2.	To improve knowledge and understanding of Historical, Political and social conditions of various periods of Iran & India.
3.	To understand the various literary forms of Persian Literature.
4.	To expose students to classical Persian literature.

Expected Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	To improve knowledge and understanding of Persian Language and Literature.
2.	To improve knowledge and understanding of Historical, Political and social conditions of various periods of Iran & India.
3.	To understand the various literary forms of Persian Literature.
4.	To expose students to classical Persian literature.

<p>1. Prescribed Text Book :</p> <p>2. Dastanhai Dilangez By Dr. Zohra khanlari Dastan Shaikh Sinan(Attar), Dastan Paidaish-e-Shatranj (Firdaousi), Yosuf-wa-Zulekha(Jami)</p> <p>3. Translation from Text book and unseen passages.</p>		
Unit	Title with Contents	No.ofLectures60
I	Dastan:Techniques, Utility and importance of Dastan writing.	10

II	Attar: Life Sketch, Literary Works & Dastan writing.	10
III	Firdousi: Life Sketch, Literary Works & Dastan writing.	10
IV	Jami: Life Sketch, Literary Works & Dastan writing.	10
V	Study of Prescribe Text: (Dastan Shaikh Sinan, Paidaish-e-Shatranj, Yousuf-wa-Zulekha)	12
VI	Translation: Translation as an art	08

EVALUATION PATTERN CA:30**ESE:70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	Assignment	1 X 10	10
C	Oral / Student Presentation/ Group Discussion/Extension Work/ Any Two	2X5	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks:70

Q.1: Critical Question on Dastan writing with internal choice.	14
Q.2: Critical Question on Dastan writers with internal choice.	14
Q.3: Reproduce in your simple Persian language (characters). (One out of three)	14
Q.4: Translation from unseen Persian passages from the text book with internal choice. (Two out of thee)	14
Q.5: Translation from unseen Persian passages. (One out of three)	14
Total	70Marks

References:

Sr. No.	Author	Title of the Book
1.	Dr. Manzoor Imam	Adbiyate Jadeed Iran
2.	Dr. Momin Mohiuddin	Farsi Dastan Navesi ki Mukhtasar Tareekh
3.	Ahmed Gulsheri	Dastan wa Naqde Dastan
4.	Hasan Abedini	Sad Saal Dastan Navisi Der Iran
5	Dr. Zohra khanlari	Dastanhai Dilangez
6	Dr. Noor Ul Hasan Ansari	Farsi Ki Dilkash Dastanein

Course/ Paper Title	Research Project
Nature of Course	RP
Course Code	URD 631 RP
Semester	III
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

EVALUATION PATTERN CA: 30 SEE: 70 (Practical)

CA	Mode of Assessment	Marks	Total
A	Viva and presentation	30	30
B	Research Project Dissertation	70	70
Total Marks of Practical			100

Course/ Paper Title	Medieval Poetry Texts
Nature of Course	Major Mandatory
Course Code	URD 651 MJ
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Syllabus

I	مثنوی کی تعریف، اجزائے ترکیبی، تاریخ، آغاز و ارتقاء، مثنوی	15
II	مطالعہ متن: گلزار نسیم از پنڈت دیا شنکر نسیم پنڈت دیا شنکر نسیم کی حیات و شخصیت، علمی و ادبی و خدمات مثنوی نگاری	15
III	غزل اردو غزل: آغاز، تاریخ اور ارتقاء، غزل کی ہیئت، غزل کی مقبولیت کے اسباب	15
IV	خصوصی مطالعہ: مومن خان مومن: فن اور شخصیت مطالعہ متن کلیات مومن ردیف الف کی غزلیں	15

EVALUATION PATTERN CA: 30

SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10

C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Explanation of Couplets (5 out of 7)	10

Course/ Paper Title	Important Critics of Urdu اردو کے اہم نقاد
Nature of Course	Major Mandatory
Course Code	URD 652
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	حالی بحیثیت نقاد (مقدمہ شعر و شا عری) شبلی بحیثیت نقاد (موازنہ انیس و دبیر)	15
II	آل احمد سرور بحیثیت نقاد (تنقید کیا ہے) کلیم الدین احمد بحیثیت نقاد (اردو شا عری پر ایک نظر)	15
III	احتشام حسین بحیثیت نقاد (تقید اور عملی تنقید) شمس الرحمن فاروقی بحیثیت نقاد (شعر شور انگیز جلد اول)	15
IV	جمیل جالبی بحیثیت محقق (ارسطو سے ایلینٹ تک) سیدہ جعفر بحیثیت محقق (دکنی ادب کی تاریخ)	15

EVALUATION PATTERN CA: 30**SEE: 70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10
C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Explanation of Couplets (5 out of 7)	10

Course/ Paper Title	History of Urdu Literature From 1857 to 1990 تاریخ اردو ادب ۱۸۵۷ء سے ۱۹۹۰ تک
Nature of Course	Major Mandatory
Course Code	URD 654 MJ URD 654 MJP
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	تاریخ اردو ادب ۱۸۵۷ء سے ۱۹۹۰ تک کا سرسری جائزہ اردو نثر و شاعری پر علی گڑھ تحریک کے اثرات	15
II	اردو افسانہ نگاری کا فن ، آغاز ، ارتقاء ، تاریخ ، لوازمات ، اجزائے ترکیبی اور اقسام خصوصی مطالعہ: ۱۔ راجندر سنگھ بیدی بحیثیت افسانہ نگار مطالعہ متن: افسانوی مجموعہ گرم کوٹ، دانہ و دام	15
III	ترقی پسند تحریک: پس منظر، آغاز و ارتقاء، مقاصد، زوال کے اسباب اردو نثر پر ترقی پسند تحریک کے اثرات اردو شاعری پر ترقی پسند تحریک کے اثرات منتخب ترقی پسند شاعر و ادیب علی سردار جعفری، سجاد ظہیر، جوش ملیح آبادی ، ن۔م راشد	15
IV	جدیدیت اور حلقہ ارباب ذوق : پس منظر، آغاز و ارتقاء، مقاصد، زوال کے اسباب اردو نثر و شاعری پر جدیدیت کے اثرات اردو ادب پر حلقہ ارباب ذوق کے اثرات	15

Theory: Internal 15 SEE 35 Total 50

Practical: Internal 15 SEE 35 Total 50

EVALUATION PATTERN CA: 15 SEE: 35 (Practical)

CA	Mode of Assessment	Marks	Total
EVALUATION PATTERN CA: 15 SEE: 35 (Practical)			
A	MCQ (Internal)	15 X 1	15
B	Orals	10	10
C	Presentation	1X10	10
D	Project	1X15	15
Total Marks of Practical			50
EVALUATION PATTERN CA: 15 SEE: 35 (Theory)			
Continuous Assessment Class Test/ Assignment/ Project/ Field Work			15
(Any 3) 3X5 =15			
Total Marks of Semester End Examination			35
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 2 hours

Marks: 35

Question Number 1: Question on Unit I & II with Internal Choice 10

Question Number 2: Question on Unit III & IV with Internal Choice 10

Question Number 3: Short Notes on Unit I to IV with internal Choice 15

Course/ Paper Title	Study of Deccani Masnavi دکنی مثنویاں
Nature of Course	Major Elective
Course Code	URD 660 MJ
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Syllabus

Unit No.	Title with Contents	No. of Lectures
I	دکنی مثنویاں۔ تعارف، آغاز و ارتقاء، بیت و ٹیکنیک رزمیہ مثنویاں، بزمیہ مثنویاں قطب شاہی دور کے اہم مثنوی نگار عادل شاہی دور کے اہم مثنوی نگار	15
II	مطالعہ متن: گلشن عشق از نصرتی گلشن عشق کا قصہ، پلاٹ، کردار، اسلوب فنی اور تقدی جائزہ نصرتی - حیات اور فن	15
III	مطالعہ متن: مینا ستونتی از غواصی مینا ستونتی کا قصہ، پلاٹ، کردار، اسلوب فنی اور تقدی جائزہ غواصی - حیات اور فن	15
IV	مطالعہ متن: خاور نامہ از رستمی خاور نامہ کا قصہ، پلاٹ، کردار، اسلوب فنی اور تقدی جائزہ رستمی - حیات اور فن	15

EVALUATION PATTERN CA: 30

SEE: 70

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	MCQ	10 X 1	10

C	Assignment /Oral / Student Presentation/ Group Discussion/Extension Work/ Any One	1 X 10	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time: 3 hours

Marks: 70

Question Number 1: Question on Unit I with Internal Choice	15
Question Number 2: Question on Unit II with Internal Choice	15
Question Number 3: Question on Unit III with internal Choice	15
Question Number 4: Question on Unit IV with internal Choice	15
Question Number 5: Explanation of Couplets (5 out of 7)	10

Course/ Paper Title	Study of Modern Natiya Poetry جدید نعتیہ شاعری کا مطالعہ
Nature of Course	Major Elective
Course Code	URD 661
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Sr. No.	Aims & Objectives of the Paper
1.	To improve knowledge and understanding of Urdu Language and Literature.
2.	To make students aware of the art of Naat.
3.	To familiarize the students with Natiya poetry.
4.	To acquaint the students with the life and poetry of important Naat poets.

Sr. No.	Learning Outcome
1.	The knowledge of students regarding Urdu literature increases significantly.
2.	Students become aware of the art of Naat.
3.	Students get familiar with Natiya poetry.
4.	Students get familiar with the life and poetry of important Naat poets.

Syllabus

Unit	Title with Contents	No.ofLectures60
I	<p>Naat Goi in Urdu after independence: آزادی کے بعد اردو میں نعت گوئی: آزادی کے بعد کا سیاسی، سماجی و ادبی منظر نامہ (اجمالی جائزہ) - آزادی کے بعد اردو میں نعت گوئی کی روایت و ترقی کا مطالعہ۔</p>	15
II	<p>Study of Natiya Poets (after independence): Bekal Utsahi Balrampuri: نعتیہ شعرا کا مطالعہ (آزادی کے بعد): بیکل اُتساہی بلرامپوری: بیکل کی حیات، شخصیت اور ادبی خدمات۔ بیکل کی شاعری کا فنی و تنقیدی مطالعہ، بیکل کی نعت گوئی کا فنی و تنقیدی جائزہ۔ مطالعہ متن: نعتیہ مجموعہ "والضحیٰ" کا مطالعہ (ابتدائی دس نعتیہ کلام)</p>	15
III	<p>Muzaffar Warsi: نظمی مارہروی: نظمی مارہروی کی حیات، شخصیت اور ادبی خدمات - نظمی مارہروی کی شاعری کا فنی و تنقیدی مطالعہ، مظفر وارثی کی نعت گوئی کا فنی و تنقیدی جائزہ۔ مطالعہ متن: نعتیہ دیوان "بعد از خدا" کا مطالعہ (کلام نمبر گیارہ سے بیس تک)</p>	15
IV	<p>Akhtar Raza Barelwi: اختر رضا بریلوی: اختر رضا بریلوی کی حیات، شخصیت اور ادبی خدمات - اختر رضا بریلوی کی شاعری کا فنی و تنقیدی</p>	15

	<p>مطالعہ، اختر رضا بریلوی کی نعت گوئی کا فنی و تثقیدی جائزہ۔ مطالعہ متن: نعتیہ مجموعہ "سفینہ بخشش" کا مطالعہ (ابتدائی دس نعتیہ کلام)</p>	
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EVALUATION PATTERN CA:30**ESE:70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	Assignment	1 X 10	10
C	Oral / Student Presentation/ Group Discussion/Extension Work/ Any Two	2X5	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time:3 hours

Marks:70

Question Number 1: Question on Unit I with Internal Choice	14
Question Number 2: Question on Unit II with Internal Choice	14
Question Number 3: Question on Unit III with internal Choice	14
Question Number 4: Question on Unit IV with internal Choice	14
Question Number 4: Explanation of couplets. (7 out of 9)	14

Total

70 Marks

References:

Sr. No.	Author	Title of the Book
1.	Dr. Farman Fatehpuri	Urdu Ki Natiya Shayri
2.	Bekal Utsahi Balrampuri	Wazzuha
3.	Nazmi Marehervi	Bad-Az-Khuda
4.	Akhtar Raza Barelwi	Safina-e-Bakhshish

Course/ Paper Title	Modern Persian Poetry Text (Subordinate)
Nature of Course	Major Elective
Course Code	URD 662 MJ
Semester	IV
No. of Credits	4
No. of teaching hours	60 (One Lecture of 60 Minutes)

Sr. No.	Aims & Objectives of the Paper
1.	To improve knowledge and understanding of Persian Language and Literature.
2.	To improve knowledge and understanding of Historical, Political and social conditions of various periods of Iran & India.
3.	To understand the various literary forms of Persian Literature.
4.	To expose students to classical Persian literature.

Sr. No.	Learning Outcome
1.	The knowledge of students regarding Persian literature increases Significantly.
2.	Students gain familiarity with Modern Persian poetry.
3.	Students are exposed o the history of Modern Poetry.

pSyllabus

Modern Poetry Text (Subordinate):		
Prescribed Text Book :Payam-e-Mashriq by Dr. Iqbal Lahori		
Lala-e-Tur (Rubaiyat)		
Unit	Title with Contents	No.ofLectures60
I	Rubai Writing: Techniques, subject matter, utility and importance of Rubaiwriting.	14
II	Iqbal's Period: Social, Economic, Cultural and literary conditions of Iqbal's period.	12
III	Iqbal: Life Sketch, Literary Works,poetic art&Rubai writing& views of Iqbal.	14
IV	Lala-e-Tur: Critical Study of Lala-e-Tur's rubaiyat, Explanation or Translation of Rubaiyat.	20

EVALUATION PATTERN CA:30**ESE:70**

CA	Mode of Assessment	Marks	Total
A	Written Test	1 X 10	10
B	Assignment	1 X 10	10
C	Oral / Student Presentation/ Group Discussion/Extension Work/ Any Two	2X5	10
Total Marks of Continuous Assessment			30
Total Marks of Semester End Examination			70
Total Marks			100

Question Paper Pattern for Semester End Exam

Time:3hours

Marks:70

- Q.1: Critical Question on Rubai with internal choice. 14
- Q.2: Critical Question on the Poet with internal choice. 14
- Q.3: Critical Question on poetic art. 14
- Q.4: Reproduce in simple Persian the views of Dr. Iqbal. 14
- Q.5: Explanation and Translation of Rubaiyat (Two out of three) 14

.....
Total70Marks**References:**

Sr. No.	Author	Title of the Book
1.	Mohd. Adbus Salam	Ifkar-e-Iqbal
2.	Adbul Mughni	Iqbal ka Nazriya-e-Khudi
3.	Gopi Chand Narang	Iqbal ka Fan
4.	Sayyad Sadiq Ali	Iqbal Ke Sheri Asalib-Ek Jaizah

Course/ Paper Title	Research Project
Nature of Course	RP
Course Code	URD 681 RP
Semester	IV
No. of Credits	6
No. of teaching hours	60 (One Lecture of 60 Minutes)

EVALUATION PATTERN CA: 30 SEE: 70 (Practical)

CA	Mode of Assessment	Marks	Total
A	Viva and presentation	30	30
B	Research Project Dissertation	70	70
Total Marks of Practical			100

Savitribai Phule Pune University
Urdu PG Equivalence

PG Urdu 2019 Pattern			Sem	PG Urdu NEP 2023 Pattern		
Code	Paper Title	Credit		Code	Paper Title	Credit
10701	Moern Prose Text	4	I	URD 501 MJ	Urdu: Study of Modern Prose	4
10702	Mass Media	4		URD 502 MJ	Mass Media	4
10703	Essay, Rhetoric, Prosody and Translation	4		URD 503 MJ	Urdu: Essay, Rhetoric, Grammar & Prosody	4
10704	Special Study of a Prose Writer	4		URD 510 MJ	Urdu: Study of Non-Fiction Writer (Shibli Nomani)	4
				URD 511 MJ	Urdu: Study of Fiction Writer (Qurratul ain Haider)	
				URD 512 MJ	Urdu Literary Movements	
10801	Classical Prose Text		URD 513 MJ	Urdu: Study of Classical Prose Text (Gulistan-e- Sadi)		
20701	Modern Poetry Text	4	II	URD 551 MJ	Modern Poetry Texts	4
20702	Classical Prose and Poetry Texts	4		URD 552 MJ URD 552 MJP	Urdu: Study of Drama	4
20703	Philology	4		URD 553 MJ	Urdu Linguistic	4
20704	Special Study of a Poet	4		URD 561 MJ	Study of Classical Poet (Wali Dacani)	4
				URD 562 MJ	Special Study of Poet (Mirza Ghalib)	
				URD 563 MJ	Study of Modern Poet (Makhdoom Mohiuddin)	
20801	Classical Poetry Text		URD 564 MJ	Classical Poetry Text		
30701	Medieval Prose Texts	4	III	URD 601 MJ	Medieval Prose Texts	4
30702	History of Urdu literature upto 1857	4		URD 604 MJ URD 604 MJP	History of Urdu Literature Upto 1857	4
30703	principles of literary criticism	4		URD 602 MJ	Urdu Literary Criticism	4
30704	Critical Study of Deccani Literature(Deccani Ghazal)	4		URD 610 MJ	Study of Deccani Literature	4
				URD 611 MJ	Study of Classical Natiya Poetry	
30801	Modern Prose Text			URD 612 MJ	Modern Persian Prose Text (Subordinate)	
40701	Medieval Poetry Texts	4	IV	URD 651 MJ	Medieval Poetry Texts	4

40703	History of Urdu literature from 1857 TO 1990	4		URD 654 MJ URD 654 MJP	History of Urdu Literature From 1857 to 1990	4
40703	History of Urdu literary criticism	4		URD 652 MJ	Important Critics of Urdu	4
40704	Critical Study of Deccani Literature (Deccani Masnavi)	4		URD 660 MJ URD 661 MJ	Study of Deccani Masnavi Study of Modern Natiya	4
40801	Modern Poetry Text			URD 662 MJ	Modern Persian Poetry Text (Subordinate)	

Prof. Dr. Sajid Ansari

Chairman

BoS, Urdu, Arabic & Persian. SPPU

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System Under
NEP 2020
M.A. English Syllabus (Part I, Semester I &II)
(w.e.f.2023-24)

Programme Introduction

English has been the language of science, technology, trade, commerce, business, market and service sector as much as it has been the most preferred medium of expression of various cultures, arts, knowledge systems, research and academic activities. In addition to all this and in order to bridge the gap between education and employability, English is the best skillset option available to students. This Master of Arts in English (M.A.) course aims at developing the linguistic abilities of students, exposing them to various other areas of knowledge and inculcating human values in them. The main objective of the course is to blend the competence and employability and offer a responsible and respectable career to students.

This syllabus has been designed in accordance with the National Education Policy 2020 and as per the guidelines given by the Maharashtra State Council for Higher Education and Savitribai Phule Pune University. It is hoped that it aligns with the academic needs of the time and enhances the employability of the students without compromising the intrinsic value of studying the past.

Programme Outcomes (POs)

PO1: Students develop a deep understanding of the multiple literary traditions and language expressions which make them uniquely equipped in the emerging field of cultural intelligence.

PO2: Students develop a logical understanding of the past and present literary, linguistic and cultural discourses that enables them to make sense of the current situations in their context.

PO3: Students learn research methods to generate knowledge about various literary, linguistic and other cultural events and phenomena.

PO4: Students learn to select and apply appropriate methods, techniques, sources and modern ICT for generation and dissemination of knowledge.

PO5: The programme will enable students to have a detailed knowledge of the literary, linguistic and cultural aspects of human life which is useful for various domains of public service.

PO9: The programme is designed to make students excel in communicating the outcomes of their learning.

Programme Specific Outcomes (PSOs)

At the end of this programme, following outcomes are expected to from the students:

1. Students will be able to enhance their linguistic competence through the texts prescribed.
2. Students will be exposed to a variety of texts that draw on diverse cultural backgrounds and thus will come to know the varied aspects of human life.
3. Students will be able to organize and express their thoughts clearly and coherently both orally and in writing.
4. Students will develop capabilities to use their skills in the field of research, content writing, communication, human relations.
5. Students who complete this course are equipped with a knowledge of multiple cultural specificities and as such have a great future in the emerging field of cultural intelligence.

Grading Pattern

Marks Obtained	Grade	Grade Point
80-100	O: Outstanding	10
70-79	A+: Excellent	09
60-69	A: Very Good	08
55-59	B+: Good	07
50-54	B: Above Average	06
45-49	C: Average	05
40-44	P: Pass	04
0-39	F: Fail	0
	Ab: Absent	0

1. The post-graduate degree of M. A. English Part I contains total 44 credits for both semesters which include theory and practical units:

Sr. No.	Name of the Faculty	Total Credits	Average Credits per Semester
1	Humanities	44	22

2. One credit will be equivalent to 15 clock hours of teacher-student contact per semester. There will be no mid-way change allowed from CSS to non-credit (external) system or vice versa.
3. The structure of two semesters of M. A. English Part I is framed as per the NEP guidelines.
4. The structure of the syllabus is: 3 Major Mandatory Courses of 4 Credits each and 1 Major Mandatory of 2 Credits.
5. 3 Elective Courses in the Elective basket are given from which students can select any one.
6. 50-50 evaluation pattern (internal and external) is framed.
7. Research Methodology is for Semester I and On Job Training (OJT) is for Semester II.
8. The course structure of **M. A. English Part I** per semester is as below:

Savitribai Phule Pune University
M. A. English (Part I, Semester I &II) Syllabus for Affiliated Colleges 2023
Structure for Semester- I

L e v e l	Sr. No.	Type of Paper	Title of Paper	Allotted Credits	The ory	Pract ical	Total Credits
6. 0	1	Major Mandatory	ENG 501 MJ :Background to English Literature	02	01	ENG 501 M J P 01	02
	2	Major Mandatory	ENG 502 MJ: English Literature-1 (The Renaissance Period and the Neoclassical Period)	04	03	ENG 502 M J P 01	04
	3	Major Mandatory	ENG 503 MJ: Advanced Studies in English Language	04	03	ENG 503 M J P 01	04
	4	Major Mandatory	ENG 504 MJ: Literary Criticism and Theory	04	03	ENG 504 M J P 01	04
	5	Major Electives	Any one of these electives- 1. ENG 510 MJ: Indian Writing in English Translation 2. ENG 511 MJ: Applied Linguistics-I 3. ENG 512MJ: Critical Reading	04	03	01	04
	6		ENG 541 RM: Research Methodology	04	-	-	04
	Total Credits				22			22

Savitribai Phule Pune University
M. A. English (Part I, Semester I &II) Syllabus for Affiliated Colleges 2023
Structure for Semester- II

L e v e l 6. 0	Sr. No.	Type of Paper	Title of Paper	Allotted Credits	Theory	Practical	Total Credits
	1	Major Mandatory	ENG 551 MJ :Background to English Literature	02	01	ENG 551 M J P 01	02
	2	Major Mandatory	ENG 552 MJ: English Literature-1 (The Renaissance Period and the Neoclassical Period)	04	03	ENG 552 M J P 01	04
	3	Major Mandatory	ENG 553 MJ: Advanced Studies in English Language	04	03	ENG 553 M J P 01	04
	4	Major Mandatory	ENG 554 MJ: Literary Criticism and Theory	04	03	ENG 554 M J P 01	04
	5	Major Electives	Any one of these electives- 4. ENG 560 MJ: Cultural Studies 5. ENG 561 MJ: Applied Linguistics-II 6. ENG 562 MJ: Academic Writing	04	03	01	04
	6		ENG 591 OJT: On Job Training (OJT) Field Project (FP)	04	-	-	04
	Total Credits				22			22

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w.e.f.2023-24)

- 1) **Name of Faculty** : Humanities
- 2) **Name of B.O.S** : English
- 3) **Name of Subject** : English
- 4) **Name of Course Title** : **ENG 501 MJ & 551 MJ: Background to English Literature**
- 5) **Year & Semester** : **MA Part I Semester I & II**
- 6) **Type of Course** : **Major (Mandatory)**
- 7) **No. of Credits** : **02 (each semester)**

Rationale:

This course introduces the history and background of the various literatures in English. It aims at introducing British, American, Indian and World literatures in English. The study will help the students understand the influence of life on literature and vice versa. By and large, the paper offers an overview of the diversity in social, cultural, political and historical developments in the human world against the diversity of the literatures produced across the globe.

Course Outcomes:

After the successful completion of this course, the students will be able to:

CO1) understand the timeline of literary history and the major movements in English literatures.

CO2) integrate the knowledge of diversity in cultures, peoples and literatures.

CO3) interpret the text and context relationship in the light of life and literature linkages.

CO4) analyze the reciprocal, concomitant and long-lasting influence of the literatures and the background to literatures.

CO5) apply the perception of literary background in their research and further studies.

Course Contents:

Semester I

Unit - I: Background to Literatures (15 Clock Hours)

1. A Survey of Periods in the History of British Literature
2. A Survey of Periods in the History of American Literature

***Unit - II: Practical Component** (15 Clock Hours)

1. Contact sessions for guidance on the pool of practical offered and the oral examination to be conducted on the basis of Unit-1
2. Contact sessions for guidance on the practical chosen by students on the basis of the major literary works, trends, concepts and terms pertaining to Unit-1, Topic-1: 'A Survey of Periods in the History of British Literature'
3. Contact sessions for guidance on the practical chosen by students on the basis of the major literary works, trends, concepts and terms pertaining to Unit-1, Topic-2: 'A Survey of Periods in the History of American Literature'

***Note:** There will be a compulsory ORAL EXAMINATION (for five marks) based on Unit-1. In addition to this, every student will have to complete One practical (Anyone practical either on the British literature or the American literature). Kindly note that there has to be an open choice of the practical to be offered to the students under the guidance of their subject teacher/s. The pool of practical is given below.

Pool of Practical:

Journal/Lecture/Library notes
 Blog
 Review
 Article
 Seminar presentation
 Short quiz
 MCQ test
 Home assignment
 Tutorial
 Small scale research project
 Group discussion
 Open book test

Semester II**Unit - I: Background to Literatures** (15 Clock Hours)

1. A survey of Indian English Literature
2. A survey of World Literature in English Translation (European, South Asian and African)

***Unit - II: Practical Component** (15 Clock Hours)

1. Contact sessions for guidance on the pool of practical offered and the oral examination to be conducted on the basis of Unit-1
2. Contact sessions for guidance on the practical chosen by students on the basis of the major literary works, trends, concepts and terms pertaining to Unit-1, Topic-1: 'A Survey of Indian English Literature'
3. Contact sessions for guidance on the practical chosen by students on the basis of the major literary works, trends, concepts and terms pertaining to Unit-1, Topic-2: 'A Survey of World Literature in English Translation'

***Note:** There will be a compulsory ORAL EXAMINATION (for five marks) based on Unit-1. In addition to this, every student will have to complete ONE practical (on the units prescribed). Kindly note that there has to be an open choice of the practical to be offered to the students under the guidance of their subject teacher/s. The pool of practical is given below.

Pool of Practical:

Journal / Lecture / Library notes
 Blog
 Review
 Article
 Seminar presentation
 Short quiz
 MCQ test
 Home assignment
 Tutorial
 Small-scale research project
 Group discussion
 Open book test

References:

- Abrams M.H. & Harpham Geoffrey Galt *A Glossary of Literary Terms*, Cengage Learning, 2015.
- Ganguly Debjani, *The Cambridge History of World Literature*, Cambridge University Press, 2021.
- Gray Richard, Gray Richard J., *A History of American Literature*, Wiley Publishers, 2011.
- Iyengar K. R. Srinivasa, *Indian Writing in English*, Sterling Publishers, 1987.
- Harris Wendell, *Dictionary of Concepts in Literary Criticism and Theory*, Bloomsbury Academic, 1992 (Ed. 2010).

Web References:

- https://mthoyibi.files.wordpress.com/2011/05/a-glossary-of-literary-terms-7th-ed_m-h-abrams-1999.pdf
- www.britannica.com
- www.newberry.org
- www.oxfordreference.com
- www.cambridge.org

● EVALUATION PROCEDURE:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will have 70% weightage and the Semester End Assessment (SEA) will carry 30% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be an ORAL EXAMINATION for FIVE MARKS. In addition to this, the students will have to complete ONE practical under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Oral Examination	: 05 Marks
One Practical	: 10x1=10 Marks
Total	: 15 Marks

Pattern for Semester End Assessment (SEE) for both semesters:

The Semester End Assessment (SEA) shall be based on the entire syllabus prescribed for the course. The question paper pattern for the Semester End Examination (SEE) for both semesters will be as follows.

Question Paper Pattern**ENG 501 MJ & 551 MJ: Background to English Literature****Semester I and II****Time (1.5 Hours)****2 Credit Course****Marks (35)**Q.1 Answer **any one** out of two on **Unit-1: Topic-1.****15**Q.2 Answer **any one** out of two on **Unit-1: Topic-2.****15**Q.3 Write short answers on **any five** out of seven on **Unit-1.****05***********

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w.e.f.2023-24)

- 1) **Name of the Faculty:** Humanities
- 2) **Name of the B.O.S:** English
- 3) **Name of the Subject:** English
- 4) **Name of the Course:** **ENG 502 MJ & 552 MJ: English Literature-I**
(The Renaissance Period and the Neoclassical Period)
- 5) **Year & Semester:** **M A Part I Semester I and II**
- 6) **Type of the Course:** **Major (Mandatory)**
- 7) **No. of Credits:** 04 (03Theory, 01Practical) (Each semester)

Rationale:

English Literature-1 offers a plethora of literary nuances pertaining to the Renaissance and the Neoclassical period in English literature. The paper aims at disseminating the paradigmatic traits of literary works, trends, techniques and numerous forms of literature prevalent from the mid-sixteenth century till the end of the eighteenth century. The literature and the sociocultural background to literature have been put together with a view to offer a wider and deeper exposure of the life and literature linkages.

The Renaissance and the Neoclassical period are the key concerns of this paper. The representative works from these periods find place in the paper. Alongside the major literary forms, the minor forms like diary writing, letter writing and essays are also some other significant components of the prescription. The orientation, the texts and the practicals introduced in every unit would be instrumental in facilitating the learners' perception, expression and an overall grasp of literature.

In a nutshell, the paper focuses on educating the PG learners with an in-depth comprehension of literature, critical analysis, philosophical nurturing and practical inculcation of the humane values in their personal, professional, social and different walks of life.

Course Outcomes:

After the successful completion of this course, the students will be able to:

- CO1) understand the major trends in the Renaissance period and the Neoclassical period.
- CO2) appreciate and analyze the literary nuances in the prescribed works.
- CO3) critically analyze the prescribed texts from different perspectives.
- CO4) apply the knowledge of values, culture and human relations in everyday life.
- CO5) explore the possibilities of research in English literature.

Course Contents

Semester I

Unit I

15 Clock Hours

POETRY:

A) Orientation:

Background to poetry in the Renaissance period and the Neoclassical period

B) Text/s:

1. Sonnet 19: "When I Consider How My Light Is Spent" (On His Blindness) by John Milton
2. Sonnet 130: "My mistress' eyes are nothing like the sun" by William Shakespeare
3. "The Canonization" by John Donne
4. "The Fair Singer" by Andrew Marvell
5. "His Return to London" by Robert Herrick
6. "The Spring" by Thomas Carew

*C) Practical:

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit II

15 Clock Hours

DRAMA:

A) Orientation:

Background to English tragedies in the Renaissance period and the Neoclassical period

B) Text/s:

Romeo and Juliet by William Shakespeare

*C) Practical:

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit III

15 Clock Hours

NOVEL:

A) Orientation:

Rise of the Novel in the 18th Century

B) Text/s:

Robinson Crusoe by Daniel Defoe

*C) Practical:

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit IV**15 Clock Hours****PROSE:****A) Orientation:**

Introduction to prose in the Renaissance period and the Neoclassical period

B) Text/s:

1. *The Diary of Samuel Pepys* by Samuel Pepys
(Diary entries from the month of January 1660)
2. *The Journal to Stella* by Jonathan Swift
(‘Letter-I’, ‘Letter-II’ and ‘Letter-III’)

***C) Practical:**

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

***Note:**

As per the Continuous Internal Assessment (CIA), every student has to successfully complete ANY TWO of the practicals suggested below. Kindly note that there has to be an open choice of the practicals to be offered to students under the guidance of the concerned subject teacher/s.

Practicals:

Poster presentations / Charts / Wallpapers / Recitation of poetry / Recitation with musical accompaniment / Performance of excerpts from dramas / Skits / Creative writing workshops / Literary blogs / Literary reviews / Podcasting / Diary writing / Articles / Papers / Seminars / Small scale research projects / Written assignments / Tutorials / Oral examination / Group discussion / Lecture notes / Library notes / Short quizzes / MCQ test / Open book test / Field visit / Study tour and / or any other activities that can offer some profound practical exposure complementary to the literature prescribed in this paper

Semester II**Unit I****15 Clock Hours****POETRY:****A) Orientation:**

Introduction to the epics in English literature

B) Text/s:

The Faerie Queene (Book-I) by Edmund Spenser

***C) Practical:**

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit II**15 Clock Hours****DRAMA:****A) Orientation:**

Background to English comedies in the Renaissance period and the Neoclassical Period

B) Text/s:

She Stoops to Conquer by Oliver Goldsmith

***C) Practical:**

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit III**15 Clock Hours****NOVEL:****A) Orientation:**

Background to the 18th Century English Novel

B) Text/s:

The History of Tom Jones, a Foundling by Henry Fielding

***C) Practical:**

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

Unit IV**15 Clock Hours****PROSE:****A) Orientation:**

Introduction to the history of periodical essays and other prose writing in the Neoclassical period

B) Text/s:

1. "A Coffee-house and Its Frequenters" by Richard Steele
2. "The Londoner" by Charles Lamb
3. "War" by Oliver Goldsmith

***C) Practical:**

Practical should be based on the literary work/s prescribed in this unit. Please refer to the pool of practicals suggested below.

***Note:**

As per the Continuous Internal Assessment (CIA), every student has to successfully complete ANY TWO of the practicals suggested below. Kindly note that there has to be an open choice of the practicals to be offered to students under the guidance of the concerned subject teacher/s.

Practicals:

Poster presentations / Charts / Wallpapers / Recitation of poetry / Recitation with musical accompaniment / Performance of excerpts from dramas / Skits / Creative writing workshops / Literary blogs / Literary reviews / Podcasting / Diary writing / Articles / Papers / Seminars / Small scale research projects / Written assignments / Tutorials / Oral examination / Group discussion / Lecture notes / Library notes / Short quizzes / MCQ test / Open book test / Field visit / Study tour and / or any other activities that can offer some profound practical exposure complementary to the literature prescribed in this paper

References:

1. Albert Edward Revised by J. A. Stone *History of English Literature*, OUP, 1979.
2. Arthur Ponsonby *A Review of English Diaries from the Sixteenth to the Twentieth Century with an Introduction on Diary Writing*, Forgotten Books, 2018.
3. Bates Catherine and Cheney Patrick (Ed.) *The Oxford History of Poetry in English*, Vol.4. Sixteenth-Century British Poetry, OUP, 2022.
4. Bevington David *English Renaissance Drama* in Oxford Bibliographies, 2010.
5. Braunmuller A.R. (Ed.) *The Cambridge Companion to English Renaissance Drama* (2nd Edition), Michael Hattaway, CUP, England, 2003.
6. Cairncross A. S. *Eight Essayists*, Macmillan and co., limited St. Martin's Street, London, 1938.
7. Campbell Gordon (Ed.) *The Oxford History of the Renaissance*, OUP, 2023.
8. Corns Thomas N. "The Early Lives of John Milton" in Kevin Sharpe (ed.), Steven N. Zwicker (ed.) *Writing Lives: Biography and Textuality, Identity and Representation in Early Modern England*, Oxford Academic, 2012.
9. Defoe Daniel *Robinson Crusoe*, Richetti John (Ed.), Penguin Classics, 2003.
10. Dunlap Rhodes (Ed.) *Poems of Thomas Carew*, OUP, 1949.
11. Dzelzainis Martin and Holberton Edward *The Oxford Handbook of Andrew Marvell*, OUP, 2019.
12. Edmondson Paul and Wells Stanley *Shakespeare's Sonnets*, OUP, 2004.
13. Hutton Ronald *The Restoration: A Political and Religious History of England and Wales, 1658-1667*, A Clarendon Press Publication, 1993.
14. Jill L. Levenson (Ed.) *Romeo and Juliet*, The Oxford Shakespeare, OUP, 2008.
15. Judy L. Oliva *New Theatre Vistas: Modern Movements in International Literature* (1st Edition), Routledge, England, 1995.
16. Jones Katherine Duncan (Ed.) *Shakespeare's Sonnets*, Arden Shakespeare, 2010.
17. Karin Kukkonen *Neoclassical Poetics and the Rise of the Novel*, Oxford Academic, 2017.
18. Kastan David Scott *The Oxford Encyclopedia of British Literature*, OUP, 2006.
19. KennedDennis y (Ed.) *The Companion to Theatre and Performance*, OUP, England, 2010.
20. Kennedy J. Gerald and Person Leland S. (Ed.) *Oxford History of the Novel in English*, OUP, 2014.
21. KeymerThomas *The Oxford History of the Novel in English*, Vol. 1: *Prose Fiction in English from the Origins of Print to 1750*, OUP, 2018.
22. Miriam Nandi *Reading the Early Modern English Diary*, Palgrave Macmillan Cham, Switzerland, 2021.
23. Moorman F.W. *The Poetical Works of Robert Herrick*, OUP, 2015.
24. Mueller Janel (Ed.) *John Donne: Selected Writings*, OUP, 2015.
25. Siskin Clifford "The Rise of the 'Rise' of the Novel" Oxford Academic, 2015.
26. Slakey Roger L. *Milton's Sonnet "On His Blindness"* in Vol. 27, No. 2 (Jun., 1960), pp. 122-130, The Johns Hopkins University Press, 1960.
27. Slaney Helen *The Senecan Aesthetic: A Performance History*, OUP, 2016.
28. Walter Parker Bowman, Robert Hamilton Ball, *Theatre Language: A Dictionary of Terms in English of the Drama and Stage from Medieval to Modern Time*, Theatre Arts Books, 1976.
29. Watt Ian. *The Rise of the Novel: Studies in Defoe, Richardson and Fielding*, Univ. of California Press 1957.
30. Wauchope G. A. (Ed.) *Spenser's The Faerie Queene (Book I)*, The MacMillan Company, New York, 1921.

31. Wiggins Martin and Catherine Richardson *British Drama 1533-1642: A Catalogue*, Volume IX: 1632-1636, OUP, England, 2012.
32. William Engel *Death and Drama in Renaissance England, Shades of Memory*, OUP, 2003.

Web References:

1. <https://www.poetryfoundation.org/poems/44750/sonnet-19-when-i-consider-how-my-light-is-spent>
2. <https://www.poetryfoundation.org/poems/45108/sonnet-130-my-mistress-eyes-are-nothing-like-the-sun>
3. <https://www.poetryfoundation.org/poems/44097/the-canonization>
4. <https://www.poetryfoundation.org/poems/44681/the-fair-singer>
5. <https://www.poetryfoundation.org/poems/47289/his-return-to-london>
6. <https://www.poetryfoundation.org/poems/43881/the-spring-56d222c1918e0>
7. <https://www.poetryfoundation.org/poems/45192/the-faerie-queene-book-i-canto-i>
8. <https://www.jstor.org/stable/2871914>
9. <https://www.shakespeare.org.uk/explore-shakespeare/blogs/guide-shakespeares-sonnets/>
10. <https://global.oup.com/academic/product/the-oxford-history-of-poetry-in-english-9780198830696>
11. [https://global.oup.com/academic/product/the-oxford-handbook-of-andrew-marvell-9780198736400#:~:text=The%20Oxford%20Handbook%20of%20Andrew%20Marvell%20is%20the%20most%20comprehensive,Marvell%20\(1621%2D78\).](https://global.oup.com/academic/product/the-oxford-handbook-of-andrew-marvell-9780198736400#:~:text=The%20Oxford%20Handbook%20of%20Andrew%20Marvell%20is%20the%20most%20comprehensive,Marvell%20(1621%2D78).)
12. <https://global.oup.com/academic/product/the-poetical-works-of-robert-herrick-9780199679744?cc=us&lang=en&>
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15. <https://www.unife.it/lettere/lingue/lingue/insegnamenti/letteratura-inglese-ii/materialedidattico20192020/Edward%20Albert%20History%20of%20English%20Literature-%20OUP-%202000.pdf>
16. https://www.goodreads.com/list/show/3914.Best_British_and_Irish_Plays
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19. <https://www.bibliovault.org/BV.book.epl?ISBN=9780472084081>
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24. <https://www.britannica.com/art/diary-literature>
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28. https://archive.org/stream/in.ernet.dli.2015.204670/2015.204670.Eight-Essayists_djvu.txt
29. <https://www.amazon.in/Rise-Novel-I-Watt/dp/0520230698>
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32. <https://archive.org/details/eightessayists0000asca/page/n5/mode/2up>

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment(SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Semester End Assessment (SEA):**Question Paper Pattern:****Paper ENG 502 MJ: English Literature-1 (The Renaissance Period and the Neoclassical Period)****Semester I****Time: 3 Hours****Max. Marks 70**

Q.1 Answer any five out of seven in twenty words each on all four units.	15 Marks
Q.2 Answer any one out of two on unit one.	15 Marks
Q.3 Answer any one out of two on unit two.	15 Marks
Q.4 Answer any one out of two on unit three.	15 Marks
Q.5 Answer any one out of two on unit four.	10 Marks

Paper ENG 552 MJ: English Literature-1 (The Renaissance Period and the Neoclassical Period)**Semester II****Time: 3 Hours****Max. Marks 70**

Q.1 Answer any five out of seven in twenty words each on all four units.	15 Marks
Q.2 Answer any one out of two on unit one.	15 Marks
Q.3 Answer any one out of two on unit two.	15 Marks
Q.4 Answer any one out of two on unit three.	15 Marks
Q.5 Answer any one out of two on unit four.	10 Marks

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w.e.f. 2023-24)

1. **Name of the Faculty : Humanities**
2. **Name of the B. O. S. : English**
3. **Name of the Subject : English**
4. **Name of the Course: ENG 503 MJ & 553 MJ Advanced Studies in English Language**
5. **Year & Semester: M. A. Part I Semester I & II**
6. **Type of the Course: Major (Mandatory)**
7. **No. of Credits: 04 (03 Theory, 01 Practical) (Each semester)**

Rationale:

The central aim of this course is to acquaint students with both basic and advanced aspects of English language. The course is designed to introduce students to important theoretical concepts in linguistics and the various levels at which language is analyzed such as Phonology, Phonetics, Morphology, Syntax, Semantics, Pragmatics and Stylistics.

Course Outcomes:

At the end of the course, students will-

- CO 1 acquire the basic tools essential for a systematic study of language,
- CO 2 learn advanced theories or concepts in linguistics,
- CO 3 understand the phonological, morphological, lexical, and syntactic systems of the English language,
- CO 4 know various varieties of English,
- CO 5 understand the aspects of language planning, maintenance and language shift,
- CO 6 acquire advanced concepts in Pragmatics,
- CO 7 know the nature of Stylistics and its relation to/with literary criticism, and
- CO8 conduct discourse and stylistic analysis of a text.

Course Contents:

Semester I

Unit - I Introduction to Linguistics and Advanced Theories/ Concepts of Language:
15 Clock Hours

- A) Linguistics: Nature and Scope, Major branches of linguistics, linguistics in 21st century: An overview
- B) Ferdinand de Saussure's Structuralist View of Grammar:
 - i. Synchronic and Diachronic Studies
 - ii. Langue and Parole
 - iii. Syntagmatic and Paradigmatic Relations
- C) Leonard Bloomfield : IC Analysis
- D) Chomsky's Theory of Transformational Generative Grammar:
 - i. Language acquisition: The Cognitivist approach
 - ii. Competence and Performance
 - iii. The Concepts of Kernel and Non- Kernel Sentences (i.e. Deep and Surface Structure]

- E) Dell Hymes' Concept of Communicative Competence
- F) Roman Jakobson: The six functions of language

Unit - II Phonology **10 Clock Hours (Theory) 5 Clock Hours (Practical)**

- i) Introduction to Phonetics and Phonology
- ii) Concept of Phone, Phoneme and Allophone
- iii) The Phoneme: Description and classification
- iv) The Syllable: Structure and Types, Syllabic consonants
- v) Types of Stress: Word stress, Sentence stress and Grammatical stress
- vi) Rhythm and Intonation: Intonation patterns, Grammatical, Attitudinal and Accentual functions of Intonation

Unit - III Morphology **10 Clock Hours (Theory) 5 Clock Hours (Practical)**

- i) The concepts of Morpheme and Allomorph
- ii) Types of Morpheme: Inflectional and Derivational morphemes
- iii) General Principles of Lexicography.
- iv) Some word formation processes: Affixation, Compounding, Reduplication, Clipping, Blending, Acronym and Back-formation
- v) Morphophonemic Changes, Phonological and Morphological Conditioning
- vi) Problems of Morphological Analysis

Unit - IV Syntax **10 Clock Hours (Theory) 5 Clock Hours (Practical)**

- i. Sentences and their parts
- ii. Words
- iii. Phrases
- iv. Clauses
- v. Subordination and Coordination

[For the topics under Syntax, please refer to: Geoffrey Leech, Margaret Deuchar & Robert Hoogenraad's *English Grammar for Today: A New Introduction* 2nd edn. Palgrave, 2006]

Semester II

Unit – I Sociolinguistics **15 hours**

- i. Language variation: Dialects, Register, Style, Slang and Jargon
- ii. Language contact: Pidgins and Creoles, Code-switching and Code mixing, Borrowing, Bilingualism and Multilingualism,
- iii. Language planning, language maintenance, language shift and death of language

Unit - II Semantics: (Introductory) 10 Clock Hours (Theory) 5 Clock Hours (Practical)

- i) Nature of Semantics
- ii) Sense and Reference
- iii) Sentence, Utterance and Proposition
- iv) Seven Types of Meaning
- iv) Semantic analysis

Unit - III Pragmatics and Discourse Analysis 10 Clock Hours (Theory) 5 Clock Hours (Practical)

- i) Semantics and Pragmatics: Differences
 - a) J. L. Austin's Speech Act theory: Constative and Performative Utterances
 - b) Felicity Conditions
 - c) Locutionary, Illocutionary and Perlocutionary Acts
- ii) J. R. Searle's Typology of Speech Acts
- iii) Direct and Indirect Speech Acts
- iv) The Concepts of Entailment, Presupposition and Implicatures
- v) Turn Taking and Adjacency Pairs
- vi) Deixis
- vii) Cohesion and Coherence
- viii) The Concept of Discourse: Conversational Analysis and Discourse analysis

Unit - IV Stylistics 10 Clock Hours (Theory) 5 Clock Hours (Practical)

- i) Stylistics: Nature and Scope
- ii) Style and Content
- iii) Literature, Literary Criticism and Stylistics
- iv) Stylistic analysis of a literary text

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- <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=0d/1X9CWmyPf9Hgtlh1uyw>
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- https://ocw.mit.edu/courses/24-900-introduction-to-linguistics-fall-2012/7b42ddf1f637ef5e082e215cb1b763c3_MIT24_900F12_Morphology.pdf
- https://web.uvic.ca/~werle/nuk/181/files/LEONARD_WERLE_2017_181-nuk-notes.pdf
- <https://www.studocu.com/en-gb/document/university-of-westminster/linguistics/introduction-to-linguistics-lecture-notes-lectures-1-8/516891>
- <https://www.tmv.edu.in/pdf/MA%20syllabus/E-104%20Structure%20of%20Modern%20English.pdf>

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern**Paper ENG 503 MJ: Advanced Studies in English Language****Semester I****Time: 3 hours****Max. Marks: 70**

- Qn. 1** Short Answer questions on Introduction to Linguistics (2 out of 4) **Marks – 15**
- Qn. 2** Short Answer questions on Phonology (2 out of 4) **Marks – 15**
- Qn. 3** Short Answer questions on Morphology (2 out of 4) **Marks – 15.**
- Qn. 4** Short Answer questions on Syntax (2 out of 4) **Marks –15**
- Qn. 5** Practical questions on all the four components above. (10 out of 15) **Marks –10**

Semester- II**Paper ENG 553 MJ: Advanced Studies in English Language****Time: 3 Hours****Max. Marks: 70**

- Qn. 1** Short Answer questions on Sociolinguistics (2 out of 4) **Marks- 15**
- Qn. 2** Short Answer questions on Semantics (2 out of 4) **Marks –15**
- Qn. 3** Short Answer questions on Speech Act Theory and Discourse Analysis
(2 out of 4) **Marks – 15**
- Qn. 4** Short Answer questions on Stylistics (2 out of 4) **Marks – 15**
- Qn. 5** Practical questions on all the four components above. (10 out of 15) **Marks 10**

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w. e. f. 2023-24)

- 1) **Name of the Faculty:** Humanities
- 2) **Name of the BoS:** English
- 3) **Name of the Subject:** English
- 4) **Name of the Course:** ENG 504 MJ & 554 MJ Literary Criticism and Theory
- 5) **Year & Semester:** MA Part I Semester I & II
- 6) **Type of the Course:** Major (Mandatory)
- 7) **No. of Credits:** 04 (03 Theory, 01 Practical) (Each semester)

Rationale

This course will introduce the basic concepts of Western and Indian literary theory and criticism to students. It aims at identifying representative schools of thought in literary theory and criticism from Aristotle to contemporary times and from Bharata's rasa theory to contemporary times. It will offer a comparative view of the Western and Indian literary theories and the ways in which they differ and address to differing worldviews. Seminal theoretical texts will be read closely and their central arguments identified. This course will enable students to understand how theory can be used as a methodology for literary study and how it can enhance the critical thinking of students to reason in a fair-minded way. Some of the key movements in literary theory and criticism will be studied under the following headings:

Course Outcomes

After the successful completion of this course, students will be able to:

- CO1) remember the critical thinkers or philosophers and their seminal works
- CO2) understand the significance of major critical theories
- CO3) analyze the themes and structure of literary works
- CO4) examine dominant ideologies in a literary work
- CO5) evaluate a literary work using a theoretical framework

Course Contents

Semester I

- | | |
|---|-----------------------|
| Background survey and basics of critical approaches: | 5 Clock Hours |
| Unit-I: Classical Criticism and Neoclassical Criticism- | 10 Clock Hours |
| i) Poetics (Chapter 6 to 10)- Aristotle | |

- ii) Preface to *The Lucky Chance*- Aphra Behn (From *The Norton's Anthology of Theory & Criticism*)

Unit II: Romanticism and Modernism **10 Clock Hours**

- i) *Biographia Literaria* (Chapter 13 & 14)- S. T. Coleridge
- ii) *The Function of Criticism*- T. S. Eliot

Unit III: Structuralism, Poststructuralism and Psychoanalysis **10 Clock Hours**

- i) *What is an Author?*- Michel Foucault
- ii) *Freud and Literature*- Lionel Trilling

Unit IV: Marxist Criticism and Feminist Criticism **10 Clock Hours**

- i) *Marxism and Literary Criticism* (Chapters 1&2)- Terry Eagleton
- ii) *Woman's Situation and Character*, Chapter 6 (from *The Second Sex*)- Simone de Beauvoir

Practical Components- 15 Clock Hours

Students can be given the assignments after the end of every unit. The assignments may include interpretation of prescribed texts, critical reading, practical criticism, historical, sociological, linguistic analysis of literary texts, reading and notes of history of literary criticism, comparative write-up on classical/romantic/realistic/modernistic approach, review of a critical essay, book, note on a critic, critical approach, features of critical approach, or any assignment relevant to the understanding of literary/critical texts.

Semester II

Background survey and basics of critical approaches: **5 Clock Hours**

Unit V: **10 Clock Hours**

- i) *Interaction between Text and Reader*- Wolfgang Iser
- ii) *Against Interpretation* (the title essay)- Susan Sontag

Unit VI: **10 Clock Hours**

- i) *The Theory of Rasa*- S. N. Dasgupta (From *Indian Aesthetics: An Introduction*)
- ii) *What Is Art?*- Rabindranath Tagore (From *Indian Literary Criticism: Theory and Interpretation*)

Unit VII: **10 Clock Hours**

- i) *Literary Theory and Third World Literature: Some Contexts*- Aijaz Ahmad
- ii) *'Under Western Eyes: Feminist Scholarship and Colonial Discourses'*- Chandra Talpade Mohanty (From *Contemporary Postcolonial Theory*)

Unit VIII: **10 Clock Hours**

- i) *Panchdhatu: Teaching English Literature in the Indian Literary Context*- Harish Trivedi (From *Colonial Transactions*)
- ii) *The Literary Landscape*: Meenakshi Mukherjee (From *The Twice Born Fiction*)

Practical Components-**15 Clock Hours**

Students can be given the assignments after the end of every unit. The assignments may include interpretation of prescribed texts, critical reading, practical criticism, historical, sociological, linguistic analysis of literary texts, reading and notes of history of literary criticism, comparative write-up on classical/romantic/realistic/modernistic approach, review of a critical essay, book, note on a critic, critical approach, features of critical approach, or any assignment relevant to the understanding of literary/critical texts.

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Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern

Paper ENG504: Literary Criticism and

Theory Semester I

Time: 3 Hours

Max. Marks: 70

Q. 1) Long answer questions on the background and tenets of critical approaches and/or on comparative study of relevant approaches, isms and critics (Any one out of three in 300 words)-
Marks 20

Q. 2) Long answer questions on Aristotle & Aphra Behn (Any one out of three in 250 words)-
Marks 15

Q. 3 Long answer questions on the prescribed texts of Coleridge & Eliot (Any one out of three in 250 words)- **Marks 15**

Q. 4 A) Short note on the prescribed text of Eliot & Foucault (Any one out of two in 100 words)-
Marks 05

B) Short note on the prescribed text of Foucault & Trilling (Any one out of two in 100 words)-
Marks 05

Q. 5 A) Short note on the prescribed text of Trilling & Eagleton (Any one out of two in 100 words):
Marks 05

B) Short note on the prescribed text of Eagleton & Simon de Beauvoir (Any one out of two in 100 words): **Marks 05**

Paper ENG554: Literary Criticism and Theory Question Paper Format

Semester II

Time: 3 Hours

Max. Marks: 70

Q. 1) Long answer questions on the background and tenets of critical approaches and/or on comparative study of relevant approaches, isms and critics (Any one out of three in 300 words)-
Marks 20

Q. 2) Long answer questions on the prescribed texts of Iser & Sontag (Any one out of three in 250 words each) **Marks 15**

Q. 3 Questions on the prescribed texts of Dasgupta & Tagore (Any one out of three in 250 words each) **Marks 15**

Q. 4 A) Short notes on the prescribed text of Tagore & Ahmad (Any one out of two in 100 words)
Marks 05

B) Short notes on the prescribed text of Ahmad & Chakravorty Spivak (Any one out of two in 100 words each) **Marks 05**

Q. 5 A) Short notes on the prescribed text of Chakravorty Spivak & Trivedi (Any one out of two in 100 words) **Marks 05**

B) Short notes on the prescribed text of Trivedi & Mukherjee (Any one out of two in 100 words)

Marks 05

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w. e. f. 2023-24)

1. **Name of the Faculty** : Humanities
2. **Name of the B. O. S.** : English
3. **Name of the Subject** : English
4. **Name of the Course** : **ENG 510 MJ Indian Writing in English Translation**
5. **Year & Semester** : **M. A. Part I Semester I**
6. **Type of the Course** : **Major (Elective)**
7. **No. of Credits** : 04 (03 Theory, 01 Practical)

Rationale:

The course takes a critical look at modern Indian literature in some of India's prominent regional languages with rich literary traditions. This body of work will be studied in the light of theories of Indian origin to investigate, among other things, the extent to which these writing foregrounds the authenticity that Indian writing in English is said to lack. The course also purports to examine how modern Indian languages were themselves reshaped by the experience of colonialism. This course offers a selection of significant modern Indian literary works, produced in regional languages. These works illustrate the complexities of Indian identities, issues of caste and gender, the aspirations of Indian people, complex Indian history and politics, and the impact of colonialism.

Course Outcomes:

At the end of the course, students will-

- CO1 get acquainted with literary achievements of some of the significant Indian writers whose works are available in English Translation,
- CO2 become aware of sub-cultural variations in the translated works,
- CO3 understand the major ancient, medieval and modern movements in Indian thought as reflected in the translated works,
- CO4 compare the treatment of different themes and styles in the genres of fiction, poetry and drama as reflected in the prescribed translations and
- CO5 know different literary techniques employed by various Indian regional language writers

Course Contents:**Semester I****Unit I****Poetry: 15 Clock Hours**

Kabirdas, i) "I Talk to My Inner Lover"

Sant Tukaram, From Dilip Chitre's *Says Tuka*, "Born a Shudra, I am a Trader"

Kaifi Azami, "Humiliation"

Ali Sardar Jafri, "Morse!"

G. M. Muktibodh, "The Void"

M. Gopalkrishna Adiga, "Do Something, Brother"

Amrit Pritam, "The Creative Process"

Nara (VN Rao) "White Paper"

Sunil Gangopadhyay, "Calcutta and I"

Vinda Karandikar, "The Knot"

Namedeo Dhasal, "Stone-mason, My Father, and Me"

Unit II: Novel 15 Clock Hours

U.R. Ananthamurthy, "Sanskara"

Unit III: Drama 15 Clock Hours

Dharmavir Bharati, "Andha Yug"

Unit IV: Practical Component (Based on the prescribed texts) 15 Clock Hours

Book Review

Blog Writing

Term Paper Writing

Seminars

Comparison between the original text and its translation

References:**Primary Sources:**

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Bharati, Dharmavir. *Andha Yug*. New Delhi: OUP. 2009.

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- Hasan, Murhirul, Ed. *India Partitioned: The Other Face of Freedom*. 2 vols. New Delhi: Roli Books, 1995.
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Online References:

<http://tukaram.com/english/anthology.htm>

<https://poets.org/poem/untitled-i-talk-my-inner-lover>

<https://poemanalysis.com/gajanan-madhav-muktibodh/the-void/>

<https://guidingliterature.com/2205-2/>

<https://www.evidyarthi.in/a/wp-content/uploads/2023/04/class-11-chapter-24-english-read-think-enjoy-book-bihar-board.pdf>

<https://www.facebook.com/notes/346263020160120/?paipv=0&eav=AfY4XX23XtyoooxLKNsW2KU22SeA1uh3loi5D-dBBMLiyvfhvm5hZRPVKVtpgnmr2rI>

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<https://www.jstor.org/stable/23346579>

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Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question paper pattern

Paper: ENG 510 MJ: Indian Writing in English Translation

Semester I

Time: 3 Hours

Max. Marks: 70

Qn.1) Long answer question on the background of Indian literatures (1 out of 3) **15 Marks**

[The question should be based on the religious, socio-political, historical and literary background of Indian literature].

Qn.2) Short notes on Unit 1 (2 out of 4) **15 Marks**

[At least 1 question must be comparative in nature. The comparative question on any two/three poets in the unit can be based on their thematic concerns, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

Qn.3) Long answer question on the novel *Sanskara* (1 out of 3) **15 Marks**

Qn.4) Long answer question on *Andha Yug* (1 out of 3) **15 Marks**

Qn. 5) Practical Questions based on the prescribed texts (1 out of 3) **10 Marks**

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w.e.f. 2023-24)

- 1) **Name of the Faculty:** Humanities
- 2) **Name of the B.O.S:** English
- 3) **Name of the Subject:** English
- 4) **Name of the Course:** ENG 511 MJ & 561 Applied Linguistics- I & II
- 5) **Year & Semester:** MA Part I Semester I & II
- 6) **Type of the Course:** Major (Elective)
- 7) **No. of Credits:** 04 (03 Theory, 01 Practical) (Each semester)

Rationale:

The present course aims to focus on practical aspects of language in order to enable students to understand the social dimensions of not only English but also their own languages. It is also hoped that a fair knowledge of applied linguistics will enable them to undertake useful/meaningful research in the field of linguistics. Further, having a knowledge of the practical aspects of language learning and teaching can enhance students' capability as teachers of (the English) language.

Course Outcomes:

After the successful completion of this course, students will-

- CO1. be acquainted with the nature and scope of Applied Linguistics,
- CO2. understand how descriptive linguistics can be used practically to explain the behavioral and social use of language, especially with regard to language acquisition, second language acquisition/learning, language teaching methodology, etc.,
- CO3. correlate the evolution of linguistic theory to the corresponding developments in the field of language learning and teaching,
- CO4. understand the relationship between language learning theories, teaching methods, production of course materials and language testing,
- CO5. know the relation between language and culture and
- CO6. acquire tools of language that may be used in translation, textual analysis, etc.

Course Contents

Semester I

Unit-I: Introduction

15 Clock Hours

- a) What is Applied Linguistics (AL)?, a brief history and scope of AL, Theoretical Linguistics and AL: The Complementary & The Interdisciplinary Nature of AL
- b) Language and Mind : Theories of Language Acquisition and Language Learning: Behaviorist and Cognitive/Mentalist Approaches
- c) Relation between Language and Culture & Factors affecting Language Learning

Unit-II: Language Teaching Methods

15 Clock Hours

- a) Approaches, Methods and Techniques: Differences

- b) A brief survey of teaching methods (Grammar-Translation Method, Direct Method, Structural Method, Communicative Method, Task-based Language Teaching and English for Specific Purposes)
- d) Technology and Language Teaching/ICT Computer Assisted Language Learning, Mobile Assisted Language Learning, Artificial Intelligence Tools and ChatGPT

Unit-III: Curriculum Designing and Production of Instructional Materials- 15 Clock Hours

- a) Distinction between Curriculum and Syllabus
- b) Essential Components of a Language Curriculum (Needs Analysis, Goal Setting, Syllabus, Methodology and Evaluation)
- c) Kinds of Syllabus (Structural-situational, Notional-functional, Communicative, etc.)
- d) Criteria for evaluating Instructional Materials

Unit-IV: Practical Components 15 Clock Hours

Practical tasks like Literary Blogs / Literary Reviews / Articles/ Papers / Seminars / Presentations based on the prescribed topics will be assigned to students as per the guidelines of SPPU, Pune.

Semester II

Unit-I: Teaching of Language and Literature 15 Clock Hours

- a) Teaching of Four Skills -LSRW
- b) Teaching of Vocabulary and Grammar
- c) Teaching of Literature (only Poem and Short Fiction)
- d) Designing Lesson Plans for Teaching Language and Literature

Unit-II: Testing and Evaluation 15 Clock Hours

- a) Difference between Testing and Evaluation
- b) Qualities of a good test: Validity, Reliability, Practicability and Discrimination.
- c) Types of Test: Aptitude Test, Diagnostic Test, Placement Test, Progress/Achievement Test, and Proficiency Test
- d) Assessment Types: Formative and Summative

Unit-III: Stylistics and Literary Appreciation 15 Clock Hours

- a) Stylistics: Definition(s) and scope
- b) Tools of Stylistics: Sounds, Lexis, Semantics, Syntax, discourse.
- c) Cohesion and its types: Reference, Ellipsis; Conjunction, Lexical Cohesion etc.
- d) Stylistics Analysis of a Literary Text

Unit-IV: Practical Components 15 Clock Hours

Practical tasks like Literary Blogs / Literary Reviews / Articles/ Papers / Seminars / Presentations based on the prescribed topics will be assigned to students as per the guidelines of SPPU, Pune.

References:

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Secondary Sources:

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- Cazden, C.B., John, V.P., & Hymes, D.H. (Eds.). *Functions of Language in the Classroom*. New York: Teachers College Press, 1972.
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- Singh, Avadhesh K. Ed. *Translation: Its Theory and Practice*. Delhi: Creative Books, 1996.
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- Ur, Penny. *Vocabulary Activities*. New Delhi: CUP, 2012b.

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern

Paper ENG 511 MJ: Applied Linguistics

Semester I

Time: 3 Hours

Max. Marks: 70

- Q. 1) Long answer questions on Unit-I: Introduction (Any 2 out of 5 in 150 words)- **Marks 15**
- Q. 2) Long answer questions on Unit-II: Language Teaching Methods (Any 2 out of 5 in 150 words) - **Marks 15**
- Q. 3) Long answer questions on Unit-III: Curriculum Designing and Production of Instructional Materials (Any 2 out of 5 in 150 words)- **Marks 15**
- Q. 4) Write short notes on the prescribed topics (Any 2 out of 4) **Marks 15**
- Q.5) Write a literary review of a book or write a detailed note on a literary text. **Marks 10**

Paper ENG 561 MJ: Applied Linguistics**Semester II****Time: 3 Hours****Max. Marks: 70**

Q. 1) Long answer questions on Unit-I: Teaching of Language and Literature (Any 2 out of 5 in 150 words) **Marks 15**

Q. 2) Long answer questions on Unit-II: Testing and Evaluation (Any 2 out of 5 in 150 words) **Marks 15**

Q. 3) Long answer questions on Unit-III: Stylistics and Literary Appreciation (Any 2 out of 5 in 150 words)- **Marks 15**

Q. 4) Write short notes on the prescribed topics (Any 2 out of 4) **Marks 15**

Q.5) Write a literary review of a book or write a detailed note on a literary text. **Marks 10**

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w. e. f. 2023-24)

- 8) **Name of the Faculty:** Humanities
 9) **Name of the BoS:** English
 10) **Name of the Subject:** English
 11) **Name of the Course:** ENG 512 Critical Reading
 12) **Year & Semester:** M A Part I Semester I
 13) **Type of the Course:** Major (Elective)
 14) **No. of Credits:** 04 (03 Theory, 01 Practical)

Rationale:

The course will enable students to cultivate appropriate reading habits and practices. Reading is one of the aspects of learning a language. Reading also plays a crucial role in the teaching-learning process. Appropriate reading habits make reading meaningful. A meaningful reading not only sustains the interest of the students but also leads to thought stimulation making the process of reading intrinsic. Critical reading of any text exposes students to the multiplicity of meanings and interpretations. With the advent of digital technology, there occurred a shift in reading. The course intends to develop the reading habits of the students in such a way as to make digital reading meaningful. Thus, the course in Critical Reading is going to impart to students the knowledge and skills required for reading and make their studies meaningful.

Title of the Paper: Critical Writing

Course Outcome

After the successful completion of this course, the students will be able to:

- CO1. Know the concept of Reading and different types of reading
- CO 2: Understand different theories of reading.
- CO3. Comprehend how to read the text in a meaningful way
- CO4. Acquire different reading skills
- CO5. Adept shifts in reading with the advent of digital technology
- CO6. Analyze text and its various aspects
- CO7. Interpret the text in an appropriate manner
- CO8. Make digital reading meaningful

Course Contents

Semester I

Unit -I Reading: A Conceptual Framework

15 clock hours

- 1.1 **Reading:** Definition and nature, Reading and readers
- 1.2 **Different Types of Reading:** Silent reading, reading aloud, skimming, scanning, intrinsic reading, and extrinsic reading.
- 1.3 **Shift in Reading Practices:** Historical overview, oral and aural traditions, script culture, reading in an age of information technology.
- 1.4 **Critical Reading:** Preparing mindset for critical reading. Pre-reading, Reading and Post- reading phases of critical reading

Unit -II Comprehension

15 clock hours

2. 1 **Comprehension:** Definition, nature and scope
2. 2 **Stages in Comprehension:** literal, inferential, appreciative, critique, evaluative, essential
2. 3 **Process of Meaning Making:** Perception, apprehension. reflection, analysis, interpretation, assimilation
2. 4 **Reading vs Critical Reading:** Description, interpretation and evaluation of the text, forming a judgment, reading between the lines and going beyond the text.

Unit III: Critical Reading

15 clock hours

3. 1 **Significance of Critical Reading:** To evaluate the literal, intellectual /cognitive, aesthetic, artistic, moral or practical value of the text.
3. 2 **Phases of Critical Reading:** Posing different questions, to bring in different perspectives, Compare and contrast, Analysis, and Interpretation.
3. 3 **Discourse Analysis:** Reading and Context, arguments and counterarguments, textual theory, Hermeneutics.
3. 4 **Digital Reading and Reflective Reading:** Traditional Reading vs Digital Reading, Print vs Screen, the materiality of reading, gadgets and reading Browsing vs reading.
3. 5 **Hypertext and Navigation:** Concept of Hypertext and its use in digital reading, Navigating the information on the world wide web information revolution, horizontal vs vertical reading.

Unit IV: Practical Sessions 15 clock hours

4. 1 Reading of the text for Scanning and Skimming.
4. 2 Reading a text for summarization
4. 3 Reading a text for comprehension.
4. 4 Reading a text critically for evaluation and interpretation.
4. 5 Browsing the information, usage of Hypertext and vertical and horizontal

References:

1. Cunningham, Anne E., and Keith E. Stanovich. "What Reading Does for the Mind." *American Educator* 22. 1 & 2 (Spring-Summer. 1998):1-8.
2. Early, Margaret, and Bonnie O. Ericson. "The Act of Reading." *Literature in the Classroom: Readers, Texts, and Contexts* (1988): 31-44.
3. Goatly, Andrew and Hiradhar, Preet (ed.), *Critical Reading and Writing in the Digital Age: An Introductory Course Book*, Second Edition. London and New York: Routledge, 2016.
4. Tracey, Diane H (ed.). *Lenses on Reading: An Introduction to Theories and Models*. The Guilford Press, 2006.
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6. Qualley, Donna. "Using Reading in the Writing Classroom." *Nuts and Bolts: A Practical Guide to Teaching College Composition*. 1993. By Thomas Newkirk. Ed. Thomas Newkirk. Portsmouth: Boynton/Cook, 1993. 101-127.
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8. Salvatori, Mariolina. "Reading and Writing a Text: Correlations between Reading and Writing Patterns." *College English* 45.7 (Nov. 1983): 657-666. JSTOR. 14 July 2008.

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern

ENG 512 Critical Reading

Semester I

Time: 3hrs.

Max Marks: 70

Q.1. Short answer question on Unit -I (any 02 out of 04)	15
Q.2. Short answer question on Unit -II (any 02 out of 04)	15
Q.3. Short answer question on Unit -III (any 02 out of 04)	15
Q.4. Short answer question -IV (any 02 out of 04)	15
Q.5. Practical Question on Unit IV (any 02 out of 04)	10

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w.e.f. 2023-24)

Name of the Faculty: Humanities

Name of the B.O.S.: English

Name of the Subject: English

Name of the Course: ENG 560 MJ Cultural Studies

Year and Semester: MA Part I Semester II

Type of the Course: Major (Elective)

No. of Credits: 04 (03 Theory, 01 Practical)

Rationale

Cultural Studies is a recent field of inquiry into various areas. It is characterized by its interdisciplinary approach, its non-academic concerns and its dependence on a host of approaches and methods. It does not necessarily set a particular framework of study and does not necessarily offer a strict methodology. But due to such multidisciplinary ambit and open-ended pursuit, Cultural Studies offers a vast canvas for analysis of culture, society, politics, media, science, environment and industry. The present course is designed to introduce students to this new field. Eventually the course in its first part offers information related to Cultural Studies and the ideas and concerns that help explain its nature. Some essays are given in the second part of the course that discusses issues from very different perspectives.

Course Outcomes

After the successful completion of this course, students will be able to:

1. understand the newly established field of cultural studies, its concerns and approaches
2. know interdisciplinary approach and analysis of cultural issues including literature and language
3. learn new possibilities of analysis that can relate them to their surroundings
4. know the recent developments in humanities and social sciences that cover several issues from philosophical to everyday matter
5. realize the significance of tolerance, sense of equality and love for humanity in students

Course Contents

Semester II

Unit I

15 Clock Hours

Origins of Cultural Studies

- i) Birmingham Center for Contemporary Cultural Studies- Richard Hoggart
E. P. Thompson
Raymond
Williams
Stuart
Hall
- ii) Survey of development of Cultural Studies across different continents

Unit II **15 Clock Hours**

- i) Cultural Studies: Methods and Methodology
- ii) Concepts: representation, power, gender, surveillance, media, identity

Unit III **15 Clock Hours**

- i) Cultural Studies: Two Paradigms - Stuart Hal
- ii) Translation, Colonialism and the Rise of English- Tejaswini Niranjana

Unit IV **15 Clock Hours**

Practical Components

Assignments like reading of introductory texts related Cultural Studies, writing notes on the multi- disciplinary nature of Cultural Studies, writing a short article on any noted Cultural Theorist, doing a short project on gender discrimination, class difference, impact of media, digital world may be given to students.

References

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- Bowman Paul (ed.). Interrogating Cultural Studies: Theory, Politics and Practice. London. Pluto Press, 2003
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- Kendal Gavin & Wickham Gary. Understanding Culture: Cultural Studies. Sage Publications, 2001
- Kumkum Sangari and Sudesh Vaid. Recasting Women: Essays in Colonial History. Zubaan Publication, New Delhi, 1989
- Lehtonen Mikko. Cultural Analysis of Texts. Translated by Aija-Leena Ahonen and Kris Clarke. Sage Publications, 2000
- Mcrobbie Angela. The Uses of Cultural Studies: A Textbook. Sage Publications, 2006
- Mongia Padmini (ed.). Contemporary Postcolonial Theory: A Reader. OUP, 2000

Morley David (ed.). Essential Essays: Volume 1: Stuart Hall. Duke University Press, 2019

Mulhern Francis. Culture /Metaculture. Routledge, 2000

Nayar Pramod K. An Introduction to Cultural Studies. II edition, Viva Books, 2016

Neil Lazarus. Nationalism and Cultural Practice in the Postcolonial World. Cambridge Univ. Press, 1999

Pickering Michael (ed.). Research Methods for Cultural Studies. Edinburgh University Press, 2008

Raymond Williams. Culture and Society: 1780-1950. Anchor Books, Doubleday & Company, Inc. GardenCity, New York, 1960

Richard Johnson, Deborah Chambers, et al. The Practice of Cultural Studies. Sage publications, 2004

Robert Samuels. New Media, Cultural Studies, and Critical Theory after Postmodernism. PalgraveMacmillan, 2009

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2010 Storey John. Cultural Theory and Popular Culture. A Reader. The University of

Georgia Press. 1993

Sebek Barbara and Stephen Deng. Global Traffic: Discourses and Practices of Trade in English Literature and Culture from 1550 to 1700. Palgrave Macmillan, 2008

Tracey Skelton and Tim Allen. Culture and Global Change. Routledge, 1999

William S. Haney II. Culture and Consciousness: Literature Regained. Rosemont Publishing & Printing Corp. 2002

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern**ENG 560 MJ Cultural Studies****Semester II****Time: 3 Hours****Max. Marks: 70**

- Q. 1) Questions on the historical background and nature of Cultural Studies 10 Marks
(Any one out of three) **15 Marks**
- Q. 2) Questions on Origins and Survey of Cultural Studies (Any two out of four) **15 Marks**
- Q. 3) Questions on Methods and Methodology of Cultural Studies (Any two out of four) **15 Marks**
- Q. 4) Questions on Concepts of Cultural Studies (Any two out of four) **15 Marks**
- Q. 5) Questions on Unit-III- Stuart Hall's essay and Tejaswini Niranjana's essay
(Any two out of four) **10 Marks**

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System under NEP 2020
(w. e. f. 2023-24)

- 1) **Name of the Faculty:** Humanities
- 2) **Name of the B.O.S:** English
- 3) **Name of the Subject:** English
- 4) **Name of the Course:** **ENG 562 MJ: Academic Writing**
- 5) **Year & Semester:** **MA Part I Semester II**
- 6) **Type of the Course:** **Major (Elective)**
- 7) **No. of Credits:** 04 (03 Theory and 01 Practical)

Rationale:

The need for a course in academic writing emerges from the necessity of encouraging and initiating students to further research and honing their professional and everyday lives. This course is therefore meant to introduce academic writing skills and encourage students to inculcate these hoping that this would hone their professional and research skills. Being a skill based course, there will be practical components and exercises that would provide hands on experience to the students. The course will also take into account writing practices with the proliferation of digital technologies and the ways in which digital literacies have redefined our ways of understanding academic writing. The primary aim of this course is to disseminate theoretical and practical knowledge pertaining to academic writing that would help improve and effectuate students' skills in this domain.

Course Outcomes:

At the end of the course, the students will-

- CO1. get acquainted with the concepts of academic writing
- CO2 write formal and academic proposals ,
- CO3 acquire skills to present their research findings in a clear and structured manner and
- CO4 understand the shifts in writing practices with the advent of digital technology and the formation of digital literacy.

Course Contents

Semester II

Most of the texts/excerpts listed below are available online. Some of the online resources/sites are given under the section titled 'References.' Teachers and students must also consult the print versions of the texts for authenticity and accuracy.

Unit-I: Introduction to Academic Writing

15 Clock Hours

- a) **Academic Writing:** Nature, Scope and Significance
- b) **Forms of Academic Writing:** Essay, Report, Research Proposal, Dissertation, Book Review etc.

- c) **Steps towards Academic Writing**
- d) **Types of Academic Writing** : Descriptive, Analytical, Persuasive, Reflective and Critical Writing
- e) **Academic and Formal Style of Writing**

Unit-II : Writing for Research

15 Clock Hours

- a) **Writing a Paragraph**: Types of Paragraph, Parts of Paragraph
- b) **Writing Research Paper and Research Projects** : Title, Abstract, Data analysis, References
- c) **Formats of Research Proposal, Dissertation & Thesis**
- d) **Referencing and Citation** : MLA and APA Styles of Citation & Plagiarism

Unit-III: Writing for Digital Platforms

15 Clock Hours

- a) **Forms of Digital Writing**: content writing, technical writing, blogs, website texts, digital storytelling etc.
- b) **Developing E-Content**: Steps towards developing E-content
- c) **Writing Academic Blogs**
- d) **Writing Modules for Online Course**: Defining target learners, defining objectives, and breaking down the course into modules
- e) **Use of AI for Academic Writing**: Quillbot, Grammarly and ChatGPT

Unit-IV: Practical Components

15 Clock Hours

Practical components would include exercises where the teacher would assign writing tasks to students. These include but need not be limited to a) writing a paragraph to a research paper; b) writing blogs or posts on social media; c) writing emails seeking jobs, funding proposals and seeking research grants; d) writing a curriculum vitae. The practical sessions are meant to execute and take stock of what has been discussed in the earlier modules. The teacher can be innovative and experimental in these sessions, depending on the composition of the class and the specific requirements of the students if any.

References

Bailey, S. *Academic Writing : A Handbook for International Students*, London and New York: Routledge, Third Edition 2011.

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Feak, Christine B and Swales, John. *Academic Writing for Graduate Students: Essential Tasks and Skills*. University of Michigan Press, 1994.

Goatly, Andrew and Hiradhar, Preet (ed.), *Critical Reading and Writing in the Digital Age: An Introductory Course Book*, Second Edition. London and New York: Routledge, 2016.

<https://www.book2look.com/embed/9781317205807>

Gupta, Renu. *A Course in Academic Writing*. Orient BlackSwan, 2013.

Hayot, Eric. *The Elements of Academic Style: Writing for the Humanities*. Columbia University Press, 2014.

Longo, Ann Marie, Ed.D. "Using Writing and Study Skills to Improve the Reading Comprehension of At-Risk Adolescents." *Perspectives* 27.2 (Spring 2001): 29-31.

Narayanaswamy, V. R., *Strengthen your Writing*. Orient BlackSwan, 2005.

Pecorari, Diane. *Academic Writing and Plagiarism: A Linguistic Analysis*. Continuum, 2008. <http://93.174.95.29/main/8057DA25819D80A90B2A322920F1F559>

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Starkey, David. *Academic Writing Now: A Brief Guide for Busy Students*. Broadview Press, 2017.

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Yakhontova, T. V. *English Academic Writing for Students and Researchers*. 2015.

<http://93.174.95.29/main/D189255C876855A8641C7E5B06803E2D>

Zemach Dorothy E and Rumisek Lisa A. *Academic Writing: From Paragraph to Essay*. Macmillan, 2005.

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern**Paper ENG 562 MJ: Academic Writing****Semester II****Time: 3 Hours****Max. Marks: 70**

- Q. 1) Long answer questions on Unit-I: Introduction to Academic Writing
(Any 2 out of 4 in 250 words)- **Marks 15**
- Q. 2) Long answer questions on Unit-II : Writing for Research
(Any 2 out of 4 in 250 words)- **Marks 15**
- Q. 3) Long answer questions on Unit-III: Writing for Digital Platforms
(Any 2 out of 4 in 250 words)- **Marks 15**
- Q. 4) Write short notes on the prescribed topics (Any 2 out of 4) **Marks 15**
- Q.5) Write a research proposal or research article. **Marks 10**

Savitribai Phule Pune University, Pune
Semester and Choice-Based Credit System Under NEP 2020
(w. e. f. 2023-24)

- 15) **Name of the Faculty:** Humanities
16) **Name of the BoS:** English
17) **Name of the Subject:** English
18) **Name of the Course:** ENG 541 R M: Research Methodology
19) **Year & Semester:** M.A. Part I Semester I
20) **Type of the Course:** Mandatory
21) **No. of Credits:** 04

Rationale:

The course in Research Methodology intends to acquaint students with the concept and nature of Research. It will also introduce students to various methods, tools, and techniques to pursue research. Identifying the research problem is the core of research. Appropriate assumptions/hypotheses lead to successful research. The Research Design plays a pivotal role in any research. Data collection and analysis is one of the significant aspects of Research. The course in Research Methodology is going to make students aware of different aspects of research. The research has to be supported with a theoretical base. The course aims to introduce different Research Theories and suitable theoretical grounding for research. Along with technical aspects, the research has ethical aspects too. The course will also sensitize students to the concept of authenticity in research. Thus, the course is going to impart to students the knowledge and skills required for fruitful research and equip them for future research.

Course Outcome

After the successful completion of this course students will be able to:

- CO1. Know the concept of Research
- CO2. Comprehend the Significance of Research
- CO3. Analyze and identify the Research problem
- CO4. Understand different tools and techniques of Research
- CO5. Frame a Design for the Research
- CO6. Draft the Research Proposal

Course Contents**Semester I****Unit I: Basics of Research****15 Clock hours**

- 1.1 Definition and Nature of Research
- 1.2 Types of Research
- 1.3 Objectives of Research
- 1.4 Research Theories: Empirical Research, Inductive Research, Deductive Research
- 1.5 Research Methods: Statistical, Sampling, Applied, Case Study, Survey, Experimental Interviews, questionnaires etc.
- 1.6 Concept of Ethics in Research

Unit II: Research Design**15 Clock hours**

- 2.1 Identifying the Research Problem
- 2.2 Hypothesis and its Types
- 2.3 Review of Literature
- 2.4 Rationale and Significance of the Research
- 2.5 Defining Aims and Objectives of the Research
- 2.6 Defining Scope and Limitations of Research
- 2.7 Bibliography and Citation

Unit: III–Resources for Research**15 Clock hours**

3. 1 Primary and Secondary Recourses
3. 2 Anthologies, Biographies, Anthropologies, Ethnographies, Encyclopedia, and Thesaurus as Resources for Research
3. 3 Oral Traditions, Manuscripts, Monographs, Newspaper Articles, Magazines, Journals, Translations as Research tools.
3. 4 E-Resources – e-books, e-journals, Web- references, Web -Search Engines, Virtual Libraries, CDs, DVDs.
3. 5 Library Catalogue, Museums, Monuments, and Govt. Publications/ documents as resources for research.

Unit IV: Research Domains**15 Clock hours**

4. 1 Literary Research and Research in other disciplines.
4. 2 Types of Literary Research: Interpretative, Comparative, Analytical, Theoretical, Biographical.
4. 3 Research Methods for Research in Literature
4. 4 Research Methods for Research in Language.
4. 5 Use of Literary and Linguistic Theories in Research.
4. 6 Emerging Research Areas in Language and Literature

Reading list

1. Hunt, Andy(2005),Your Research Project, New Delhi: Foundation Books
2. Abdul Rahim,F.(2005),Thesis Writing: A Manual for Researchers (New Delhi: New Age International)
3. Gibaldi, Joseph (6th edn.2003),MLA Handbook for Writers of Research Papers, New York: MLA Association
4. Eliot, Simon and W.R. Owens (4th edn.1998),A Handbook to Literary Research, London: Routledge & Open University
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9. Barker, Nancy and Nancy Hulig (2000), A Research Guide for Under Graduate Students: English and American Literature, New York: MLA of America
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13. CUP Rajannan, B.(1968),Fundamentals of Research, ASRC Hyderabad
14. Bateson, F.W.(1972),The Scholar Critic: An Introduction to Literary Research, London
15. Routledge Adam Sir john (2004), Research Methodology: Methods & Techniques, Delhi: New Age International Ltd
16. Caivary, R. & Nayak V. K.(2005), Research Methodology, S. Chand
17. Kothari,C.R.(1985),Research Methodology: Methods &Techniques, Delhi: New Age International
18. Litosseliti, Lia (2000),Using Focus Groups in Research, British Library Cataloguing
19. Rahim,F.Abdul (1996),Thesis Writing- A Manual for Researchers, New Delhi: New Age International Ltd
20. Rengachari, S. & Rengachari, Sulochna-Research methodology for English Literature, Bareilly: Prakash Book Depot
21. Seliger (2001), Second Language Research Methods, Oxford University Sinha, M.P. –Research Methods in English
22. Winkler, Anthony C. & Accuen, JoRoy(2003), Writing the Research Paper, Thomson

E- sources

1. <https://www.amazon.in/Research-Literature-Language-Philosophy-Methodology-ebook/dp/B07GDN3N87>
2. https://www.researchgate.net/publication/319207471_HANDBOOK_OF_RESEARCH_METHODODOLOGY

Evaluation Procedure:

The assessment will be of two types: Continuous Internal Assessment (CIA) and Semester End Assessment (SEA). The Continuous Internal Assessment (CIA) will carry 30% weightage and the Semester End Assessment (SEA) will carry 70% weightage.

Pattern for the Continuous Internal Assessment (CIA) for both semesters:

As per the Continuous Internal Assessment (CIA), there will be a compulsory internal mid-semester written test. In addition to this, the students have to complete two practicals under the guidance of their subject teacher/s.

Continuous Internal Assessment (CIA):

Compulsory Written Test	: Total 10 Marks
Any two Practical	: 10x2=20 Marks
Total	: 30 Marks

Question Paper Pattern**ENG 541 R M: Research Methodology****Semester –I****Time: 3 hrs.****Max. Marks: 70**

Q.1 A long answer question on Unit I (01 out of 03).	15 Marks
Q.2 Short Notes on Unit II (03 out of 05)	15 Marks
Q.3 Short Notes on Unit III (03 out of 05)	15 Marks
Q.4 A long answer question on Unit IV (01 out of 03)	15 Marks
Q.5 Short Notes on Unit I and Unit IV (02 out of 04)	10 Marks

Savitribai Phule Pune University

M. A. English-Part-II-CBCS Pattern

(Semester-III & IV)

(From the Academic Year 2020-21)

- **Allotment of Credits:** One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours). It is applicable to all the papers.
- **Examination Rules:**
 - 1- Assessment shall consist of a) In-semester continuous assessment and b) end semester assessment. Both shall have an equal weightage of 50 % each.
 - 2- The teacher concerned shall announce the units for which each in-semester assessment will take place. However, the end-semester assessment shall cover the entire syllabus prescribed for the course.
 - 3- An in-semester assessment of 50% marks should be continuous and at least two tests should be conducted for full course of 4 credits and a teacher must select a variety of procedures for examination such as:
 - i. Written Test/or Mid Term Test (not more than one or two for each course)
 - ii. Term Paper
 - iii. Journal/Lecture/Library notes
 - iv. Seminar presentation
 - v. Short Quizzes
 - vi. Assignments
 - vii. Extension Work
 - viii. An Open Book Test (with the concerned teacher deciding what 2 books are to be allowed for this purpose)
 - ix. Mini Research Project by individual student or group of students. The concerned teacher in consultation with the Head of the PG Department shall decide the nature of questions for the Unit Test. Semester end examination for remaining 50% marks will be conducted by the SPPU.

List of Papers (Sem-III&IV)

Semester-III

Paper 3.1: Indian Writing in English (Core Paper)

Any three papers out of the following seven options:

Paper 3.2: Applied Linguistics

Paper 3.3: Cultural Studies

Paper 3.4: Indian Literatures in English Translation

Paper 3.5: Academic Writing and Critical Reading

Paper 3.6: American Literature

Paper 3.7: Pragmatics and Digital Humanities

Paper 3.8: World Literature in English

Semester-IV

Paper 4.1: Indian Writing in English (Core Paper)

Any three papers out of the following seven options:

Paper 4.2: Applied Linguistics

Paper 4.3: Cultural Studies

Paper 4.4: Indian Literatures in English Translation

Paper 4.5: Academic Writing and Critical Reading

Paper 4.6: American Literature

Paper 4.7: Pragmatics and Digital Humanities

Paper 4.8: World Literature in English

Paper-3.1: Indian Writing in English (Core Paper)

Rationale:

This course attempts to offer an overview of Indian Writing in English. In India, literature written in English was initially labelled as Indo-Anglian, then Indo-English, and more recently, as Indian Writing in English (IWE). IWE has its roots in the colonial past. As a result of the British rule in India, the English language became a vital part of Indian culture. In his *Preface to Kanthapura*, Raja Rao affirms that English is the language of our intellectual make up just like Sanskrit or Persian in the ancient/medieval past. From the pre-independence era to the present times, works written by Indian English writers have been receiving worldwide critical appreciation. Indian Writing in English reflects the multi-cultural, multilingual society of modern India. IWE has established its qualitative excellence and it is now accepted as a part of the English literature curriculum despite some initial resistance. It represents the rich cultural heritage of Indian literary tradition, adopts various literary forms and also addresses different issues.

This paper aims to introduce students to a wide range of Indian Writing in English through various literary genres such as Fiction, Poetry, Non Fictional Prose and Drama. The paper is designed to acquaint students with the highly pluralistic and ideological dimensions of this literature. It is expected that students, through this course, will obtain an overall view of the remarkable contribution made by Indian authors to the body of English Literature

Objectives:

- 1) To introduce students to the various phases of the evolution in Indian Writing in

- English. (i. e. the major movements and figures of IWE)
- 2) To make them aware of Indian cultural ethos and indigenous belief systems through the study of major literary works in the domain of Indian English literature.
 - 3) To acquaint them with the writings of different Indian writers and help them to appreciate the variety and diversity of Indian Writing in English.
 - 4) To expose students to the corpus of Indian Writing in English, and explain the socio-political and cultural contexts in which the works were written and received.
 - 5) To develop the ability of students to critically examine and restate their understanding of literary texts.
 - 6) To expose students to the uniqueness of artistic and innovative use of the English language in IWE and to enhance the literary and linguistic competence of students.
 - 7) To instill human values and develop literary sensibility among students through exposure to IWE texts.

Course Content:

Most of the texts/excerpts listed below are available online. Some of the online resources/sites are given under the section titled ‘References.’ Teachers and students must also consult the print versions of the texts for authenticity and accuracy. This is applicable to all the courses listed in this document.

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted 04 credits (60 clock hours). This also includes the completion of the background to each period/age.

Semester-III

Unit-I: *Kanthapura*- Raja Rao - 15 clock hours

Unit-II: *Nectar in a Sieve*- Kamala Markandaya- 15 clock hours

Unit-III: Derozio to Naidu- 15 clock hours

Henry Derozio: 1) *Freedom to the Slave* 2) *The Orphan Girl*

Toru Dutt: 1) *Sita* 2) *The Sower*

Manmohan Ghose: 1) *Can IT Be?*

Sri Aurobindo: 1) *Rose of God* 2) *The Tiger and the Deer*

Rabindranath Tagore: 1) *Defamation* 2) *Little Flute*

Sarojini Naidu: 1) *Autumn Song* 2) *Summer Woods*

Unit-IV: *My Days: A Memoir*- R. K. Narayan - 15 clock hours

Paper-4.1: Indian Writing in English (Core Paper)

Semester-IV

Unit-I: *The God of Small Things*- Arundhati Roy 15 clock hours

Unit- II: *The White Tiger*- Aravind Adiga 15 clock hours

Unit-III: Dom Moraes to Present Day

15 clock hours

Dom Moraes: 1) *Absences* 2) *The Garden*
Nissim Ezekiel: 1) *Urban* 2) *Philosophy*

Kamala Das: *The Sunshine Cat*

A.K. Ramanujan: *Still Another View of Grace*

Jayanta Mahapatra: *A Missing Person*

Arun Kolatkar: *The Indicator*

Eunice de Souza: *Catholic Mother*

Vikram Seth: *Sit*

Unit- IV: *Nagamandala* - Girish Karnad

15 clock hours

Suggestions for Teachers:

Teachers teaching the paper are expected to briefly discuss the literary background, movements, important writers and works. There will be a separate question to test students' familiarity with the background of the text and the writer and their times. Teachers are expected to compare and contrast the prescribed texts with their contemporaries from Indian Writing in English. The prescribed syllabus should be taught to the students with special emphasis on the issues such as the representation of culture, identity, history, national and gender politics.

It will also be useful for the students if they are briefly introduced to the socio-political and historical conditions of 19th and 20th century India. The dominant literary tendencies and trends, the stylistic features of the authors prescribed for study, the major thematic concerns in the texts, etc. are also issues that can be discussed. Students are expected to read all the primary texts listed in the two papers. Teachers should encourage students to read a history of Indian English Literature and some critical works/commentaries on each text and author.

ICT-based teaching, amply supported by classroom interaction, is strongly recommended. A careful use of PPTs should help learners prepare notes on the various themes of the texts and the characteristic features of the writings of the authors prescribed for study. Depending on the availability of time, film versions of the novels and plays (downloaded from YouTube, etc.) may be shown to students. Readings of poems, sometimes by the poets themselves, may also be played/shown.

Seminars, discussions and presentations in the classroom can be adopted as means to enhance the critical skills of learners. Each teacher is expected to be a teacher-researcher in the sense that s/he would be consistently monitoring her/his own teaching in order to identify the most suitable method(s) for her/his students in particular classrooms.

Evaluation Procedures:

The assessment of students' performance in tests, examinations, etc. will be done according to the guidelines issued by Savitribai Phule Pune University. The pattern of the question papers for semester-end examinations is attached separately to this document.

Select Bibliography:

Standard and recognized editions of textbooks and reference books may be used as bibliography for the course contents.

- Abbas, K.A. *Sarojini Naidu*. Bombay: Bharatiya Vidya Bhavan, 1980.
- Abidi, S.Z.H. *Studies in Indo-Anglian Poetry*. Bareilly: Prakash Book Depot, 1979.
- Adiga, Aravind. *The White Tiger*. 2008. New Delhi: HarperCollins Publishers, 2009.
- Ameeruddin, Syed (ed.) *Indian Verse in English*, Madras: Poet Press India, 1977.
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- Anderson, Linda. *Autobiography*. Landon: Rontledge, 2001.
- Ansani, Shyam M. *New Dimensions of Indian English Novels*, Delhi: Doaba House, 1987.
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Question Paper Patterns (Semester-III)

Time: 3hours

Max. Marks: 50

Que. 1 Background questions on the background and features of literary schools, movements, comparison of the schools/movements/prescribed authors (Any one out of three) **10**

Que.2 Long answer questions on Raja Rao's *Kanthapura* (Any one out of three) **10**

Que. 3 Long answer questions on Kamala Markandaya's *Nectar in a Sieve* (Any one out of three) **10**

Que.4 Short notes on the prescribed poems of Derozio to Naidu (Any two out of four) **10**

[The short notes in question 4 must be comparative. The comparison can be between the poets' thematic and stylistic concerns, social/cultural differences reflected in the poems written at different times, use of symbols, images, forms, techniques, etc. In each question the comparison can be between two or three poets.]

Que.5 Long answer questions on R. K. Narayan's *My Days: A Memoir* (Any one out of three) **10**

(Semester-IV)

Time: 3 hours

Max. Marks: 50

Que. 1 Background questions on the background and features of literary schools, movements, comparison of the schools/movements/prescribed authors (Any one out of three) **10**

Que.2 Long answer questions on Arundhati Roy's *The God of Small Things* (Any one out of three) **10**

Que. 3 Long answer questions on Aravind Adiga's *The White Tiger* (Any one out of three)**10**

Que.4 Short notes on the prescribed poems of Dom Moraes to Seth (Any two out of four) **10**

[The short notes in question 4 must be comparative. The comparison can be between the poets' thematic and stylistic concerns, social/cultural differences reflected in the poems written at different times, use of symbols, images, forms, techniques, etc. In each question the comparison can be between two or three poets.]

Que.5 Long answer questions on Girish Karnad's *Nagamandala* (Any one out of three) **10**

Paper-3.2: Applied Linguistics

Rationale:

This course has special relevance to the second year students of MA since they have already received, in the first year which comprises two semesters, a good deal of theoretical knowledge in linguistics from the course entitled Contemporary Studies in English Language. The first-year course deals with English phonology, morphology, syntax, semantics, sociolinguistics, pragmatics, and discourse analysis. Earlier too, students have studied linguistics for three years at the BA level. Indeed, this firm grounding in the theoretical aspects of linguistic analysis has its usefulness. However, it is also essential to teach them how the concepts may be applied to the day to day use of language in various spheres. This involves an understanding of how language development takes place in humans, how it works in society and in specific situations. Language acquisition and language learning, methods of teaching language, designing course materials, devising test types, etc. should also form part of the understanding. The present course aims to focus on such practical aspects of language in order to enable students to understand the social dimensions of not only English but also their own languages. It is also hoped that a fair knowledge of applied linguistics will enable them to undertake useful/meaningful research in the field of linguistics. Further, having a knowledge of the practical aspects of language learning and teaching can enhance students' capability as teachers of (the English) language.

Objectives:

1. To introduce students to the field of Applied Linguistics
2. To help students understand how descriptive linguistics can be used practically to explain the behavioural and social use of language, especially with regard to language acquisition, second language acquisition/learning, language teaching methodology, etc.
3. To help students understand the correlation between the evolution of linguistic theory and the corresponding developments in the field of language learning and teaching
4. To enable students to understand the relationship between language learning theories, teaching methods, production of course materials and language testing.
5. To introduce students to the relation between language and culture.
6. To help students understand how linguistic concepts can be applied to the study of literature.
7. To familiarize students with the tools of language that may be used in translation, textual analysis, etc.

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours).

Semester-III

Course content-

Unit-I: Introduction

15 clock hours

- a) What is Applied Linguistics (AL)?
- b) A brief history and scope of AL
- c) Theoretical linguistics and AL: Their complementarities

d) The interdisciplinary nature of AL

Unit-II: Language and mind

15 clock hours

- a) Theories of language acquisition and language learning: Behaviouristic and Cognitivist/Mentalistic approaches
- b) Relation between language and culture
- c) Factors affecting language learning
- d) Language disorders (aphasia, anomia, agrammatism, dyslexia)

Unit-III: Language teaching methods

15 clock hours

- a) Approach, method and technique: Differences
- b) A brief survey of teaching methods (Grammar-translation method, Direct method, structural method, Communicative method, Task-based language teaching, English for Specific Purposes)
- c) Content and language integrated teaching/learning
- d) Technology and language teaching/ICT-enabled language teaching

Unit-IV: Curriculum designing and production of instructional materials- 15 C H

- a) Curriculum and syllabus: Difference
- b) Essential components of a language curriculum (needs analysis, goal setting, syllabus, methodology and evaluation)
- c) Kinds of syllabus (Structural-situational, Notional-functional, Communicative, etc.)
- d) Criteria for evaluating instructional materials

Paper-4.2: Applied Linguistics

Semester-IV

Unit-I: Teaching of language and literature

15 clock hours

- a) Teaching of listening and speaking
- b) Teaching of vocabulary and grammar
- c) Remedial teaching
- d) Teaching of literature with lesson plan (only poem and short fiction)

Unit-II: Testing and evaluation

15 clock hours

- a) Difference between testing and evaluation
- b) Qualities of a good test: validity, reliability, practicability, discrimination.
- c) Types of test: aptitude test, diagnostic test, placement test, progress/achievement test, proficiency test
- d) Assessment types: formative, summative; testing of receptive and productive skills.

Unit-III: Stylistics and literary appreciation

15 clock hours

- a) Stylistics: Definition(s) and scope
- b) Linguistics, Stylistics and literary criticism
- c) Tools of stylistics: sounds, lexis, semantics, syntax, discourse.

- d) Cohesion and its types: Reference, Ellipsis; Conjunction, lexical cohesion
- e) Application of stylistic principles to forms of literature (examples)

Unit-IV: Translation

15 clock hours

- a) What is translation? Types of translation.
- b) Linguistics and translation
- c) Approaches to translation
- d) Semiotics of translation
- e) Cultural barriers in translation

Suggestions for teachers:

Since students are familiar with many of the concepts in linguistics, teachers should underscore the necessity of relating the concepts to the various aspects of language use. Making students understand the practical significance of this course in their future careers—such as linguists, teachers, translators, etc—would enhance their motivation and their interest in the course. Each teacher is free to use their own teaching method(s) appropriate to their class. However, using ICT-based teaching methods, to reinforce teachers' specific classroom practices, is desirable. The appropriate use of PPTs would enable learners not only to understand the basic concepts in applied linguistics but also to use them to gather more information on the points presented before them. Citing examples from students' own language(s) to establish various concepts listed in the units would enable students to make comparisons between the language(s) and English, especially in the areas of language teaching, stylistics and translation. Such comparisons will also arouse the research interests of students and can encourage them to undertake research projects in applied linguistics. The discussions, seminars, presentations, etc. in the classroom should aim at the consolidation of students' understanding of the units. Teachers should encourage students to refer frequently to the primary sources listed in the Reference section below. Students' attention may also be drawn to the lectures on the topics in each unit, delivered by eminent scholars/teachers, which are easily available on YouTube.

Evaluation procedures:

The assessment of student's performance in tests, examinations, etc. will be done according to the guidelines issued by Savitribai Phule Pune University. The pattern of the question papers for the semester-end examination is attached to this document separately.

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Secondary sources:

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Question paper patterns

Semester-III

- | | |
|---|----------|
| Que. 1) Long answer question on the topics in Unit 1 (1 out of 3) | 10 marks |
| Que. 2) Short notes on the topics in Unit 2 (2 out of 4) | 10 marks |
| Que. 3) Long answer question on the topics in Unit 3 (1 out of 3) | 10 marks |
| Que. 4) Short notes on the topics in Unit 4 (2 out of 4) | 10 marks |
| Que. 5) Practical question on ICT-based teaching | 10 marks |

[Sample practical questions: i) preparation of 4-5 PPT frames to teach a topic of students' choice, a given grammar item, etc.; ii) Use of materials on the internet to gather information on a topic for the enhancement of study skills. Question paper setters can also give other tasks based on ICT-based teaching.]

Semester-IV

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|--|----------|
| Que. 1) Long answer question on the topics in Unit 1 (1 out of 3) | 10 marks |
| Que. 2) Short notes on the topics in Unit 2 (2 out of 4) | 10 marks |
| Que. 3) Long answer question on the topics in Unit 3 (1 out of 3) | 10 marks |
| Que. 4) Short notes on the topics in Unit 4 (2 out of 4) | 10 marks |
| Que. 5) Practical question on Stylistic analysis (e.g. analysis of a given short poem/passage) | 10 marks |

Paper-3.3:Cultural Studies

Rationale:

Cultural Studies is a recent field of inquiry into various areas. It is characterized by its interdisciplinary approach, its non-academic concerns and its dependence on a host of approaches and methods. It does not necessarily set a particular framework of study and does not necessarily offer a strict methodology. But due to such multidisciplinary ambit and open ended pursuit, Cultural Studies offers a vast canvas for analysis of culture, society, politics, media, science, environment and industry. The present course is designed to introduce students to this new field. Eventually the course in its first part offers information related to Cultural Studies and the ideas and concerns that help explain its nature. Some essays are given in the second part of the course that discusses issues from very different perspectives.

Objectives:

1. To introduce students to the newly established field of cultural studies, its concerns and approaches
2. To orient students towards interdisciplinary approach and analysis of cultural issues including literature and language
3. To steer students towards new possibilities of analysis that can relate them to their surroundings
4. To create awareness about the recent developments in humanities and social sciences that cover several issues from philosophical to everyday matter
5. To instil tolerance, sense of equality and love for humanity in students

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours).

Semester-III

Course Content-

Surveying the Field of Cultural Studies

Unit-I

15 Clock hours

Investigating Problems in Cultural Studies

Introduction

The cultural studies family

Family therapy: approaching problems in cultural studies

Underlying themes

Unit-II

15 Clock hours

Identity, Equality and Difference: The Politics of Gender

Introduction

Identity and difference

Gender and difference

Unit-III

15 Clock hours

Global Culture/Media Culture

Introduction
Globalization and cultural imperialism
Globalizing the television market
Globalization and power

Unit-IV

15 Clock Hours

Transforming Capitalism

Introduction 1
The transformation of capitalism
The recomposition of class and culture
Class: the return of the repressed
The problem of consumer culture

Note: All these units are prescribed from Dr. Chris Barker's book, *Making Sense of Cultural Studies: Central Problems and Critical Debates*, Sage Publications, 2002. (This book is easily available on internet)

Paper-4.3: Cultural Studies

Semester-IV

Essays into Theory and Method of Cultural Studies

(Following essays that discuss certain important areas of cultural studies are prescribed with the view to introduce theoretical frames and applicable methods of cultural studies to students. The purpose is to make students familiar with diverse theoretical approaches and enable them to produce cultural analysis).

Unit-I

15 Clock hours

- 1) The Analysis of Culture - Raymond Williams
- 2) Cultural Studies: Two Paradigms - Stuart Hall

Unit-II

15 Clock hours

- 1) Myth Today – Roland Barthes
- 2) Recasting Women: An Introduction- Kumkum Sangari and Sudesh Vaid

Unit-III

15 Clock hours

- 1) The Marathi Novel 1950-1975- Bhalchandra Nemade
- 2) Aesthetics: Some Important Problems- R. B. Patankar

Unit-IV

15 Clock hours

- 1) Translation, Colonialism and the Rise of English - Tejaswini Niranjana
- 2) Bollywood Motifs: Cricket Fiction and Fictional Cricket - Chandrima Chakraborty

Note: Details of books from which above essays are prescribed:

Raymond William's essay from John Storey's (ed.) *Cultural Theory and Popular Culture: A Reader*. II edition, Prentice Hall, 1998.

Stuart Hall's essay from *Essential Essays: Volume 1: Stuart Hall* edited by David Morley, Duke University Press, 2019

Barthes's essay from his book *Mythologies*, The Noonday Press, 1957.

Sangari's essay from Sangari & Vaid's edited book, *Recasting Women: Essays in Colonial History*. Zubaan Publication, New Delhi, 1989.

Nemade and Patankar's essays from G. N. Devi's edited book, *Indian Literary Criticism: Theory and Interpretation*. Orient Blackswan, 2009,

Niranjana's essay from *Rethinking English: Essays in Literature, Language, History*. edited by Savita Joshi, OUP, 1994

Suggestions for Teachers:

Cultural Studies is a relatively new field of study and covers formidable range of socio-political, economic, cultural, ecological, technological, historical and spatio-temporal issues. In the world of globalization (the world of interconnectedness and mobility), open economy, digitization and migration to metropolis, every aspect of human life has been undergoing drastic changes. Cultural studies helps to map and reassess these shifting terrains and formulate views of students towards the world systems. Teachers can give relevant information to students and orient them towards multidisciplinary approach. They can encourage students to read original texts prescribed, histories and critical works and develop the skill of knowing multiple contexts that texts of cultural studies are replete with. Exercises, practical criticism and analytical discussions may be conducted in the classroom for effective understanding. Teachers can make use of ICT methods to create interest in students and promote understanding of Cultural Studies.

Select Bibliography:

Standard and recognized editions of textbooks and reference books may be used as bibliography for the course contents.

Barker Chris. *Making Sense of Cultural Studies: Central Problems and Critical Debates*. Sage Publications, 2002

Barker Chris. *The SAGE Dictionary of Cultural Studies*. Sage Publications, 2004

Barthes Roland. *Mythologies*. The Noonday Press, New York, 1957

Bowman Paul (ed.). *Interrogating Cultural Studies: Theory, Politics and Practice*. London. Pluto Press, 2003

Chaskar Ashok. *Multiculturalism in Indian Fiction in English*, Atlantic Publications, N Delhi- 2010

David Morley and Kuan-Hsing Chen (Ed.) *Stuart Hall: Critical Dialogues in Cultural Studies*. Routledge, 1996.

Devi G. N. *Indian Literary Criticism: Theory and Interpretation*. Orient Blackswan, 2009

- During Simon. *Cultural studies: A Critical Introduction*. Routledge. 2005
- During Simon (ed.) *The Cultural Studies Reader*. (Second Edition) Routledge, 1993
- Giroux Henry A. *Impure Acts: The Practical Politics of Cultural Studies*. Routledge, New York. 2000
- Gregg Melissa. *Cultural Studies' Affective Voices*. University of Queensland. Palgrave Macmillan, 2006
- Hartley John. *A Short History of Cultural Studies*. SAGE Publications. 2003
- Joshi, Savita. (ed.) *Rethinking English: Essays in Literature, Language, History*. OUP, 1994
- Kendal Gavin & Wickham Gary. *Understanding Culture: Cultural Studies*. Sage Publications, 2001
- Kumkum Sangari and Sudesh Vaid. *Recasting Women: Essays in Colonial History*. Zubaan Publication, New Delhi, 1989
- Lehtonen Mikko. *Cultural Analysis of Texts*. Translated by Aija-Leena Ahonen and Kris Clarke. Sage Publications, 2000
- McRobbie Angela. *The Uses of Cultural Studies: A Textbook*. Sage Publications, 2006
- Mongia Padmini (ed.). *Contemporary Postcolonial Theory: A Reader*. OUP, 2000
- Mulhern Francis. *Culture /Metaculture*. Routledge, 2000
- Neil Lazarus. *Nationalism and Cultural Practice in the Postcolonial World*. Cambridge Univ. Press, 1999
- Pickering Michael (ed.). *Research Methods for Cultural Studies*. Edinburgh University Press, 2008
- Raymond Williams. *Culture and Society: 1780-1950*. Anchor Books, Doubleday & Company, Inc. Garden City, New York, 1960
- Richard Johnson, Deborah Chambers, et al. *The Practice of Cultural Studies*. Sage publications, 2004
- Robert Samuels. *NewMedia, Cultural Studies, and Critical Theory after Postmodernism*. Palgrave Macmillan, 2009
- Ryan Michael. *Cultural Studies: A Practical Introduction*. Wiley-Blackwell Publication, 2010
- Storey John. *Cultural Theory and Popular Culture. A Reader*. The University of Georgia Press. 1993
- Sebek Barbara and Stephen Deng. *Global Traffic: Discourses and Practices of Trade in English Literature and Culture from 1550 to 1700*. Palgrave Macmillan, 2008
- Tracey Skelton and Tim Allen. *Culture and Global Change*. Routledge, 1999

Question Paper Patterns

Semester-III

Time: 3 Hours

Marks: 50

Q. 1) Questions on the historical background and nature of Cultural Studies 10 Marks

(Any one out of three)

Q. 2) Questions on Unit-I (Any two out of four) 10 Marks

Q. 3) Questions on Unit-II (Any two out of four) 10 Marks

Q. 4) Questions on Unit-III (Any two out of four) 10 Marks

Q. 5) Questions on Unit-IV (Any two out of four) 10 Marks

Semester-IV

Time: 3 Hours

Marks: 50

Q. 1) Questions on the historical background and nature of Cultural Studies 10 Marks

(Any one out of three)

Q. 2) Questions on Unit I (Any two out of four) 10 Marks

Q. 3) Questions on Unit II (Any two out of four) 10 Marks

Q. 4) Questions on Unit III (Any two out of four) 10 Marks

Q. 5) Questions on Unit IV (Any two out of four) 10 Marks

Paper-3.4: Indian Literatures in English Translation

Rationale:

India has witnessed many socio-political and cultural changes since she won independence in 1947. The languages of India also have made significant progress by producing literary works that can compete with their counterparts in various parts of the world. However, these works appearing in Indian *Bhashas* did not receive much importance because of the lack of translations. Although English continued to be a prominent language in India, a Second Language, many of the outstanding works published in Indian languages were not translated into that language which already had the status of a world language. At the same time, some of the Indian writers, like Mulk Raj Anand, RK Narayan and many others, received fame in the western world since they were able to write their fictional/non-fictional works in English. As it is well-known, Indian Writing in English has for long been a much sought-after course both in Indian and western universities alike.

The evolution of poststructuralist theories in the last few decades brought about notable changes in the approach of teachers and scholars towards literatures of the world and the cultures they represent. The long-established status of English/British Literature as a monolith began to be challenged by the new theories. Consequently, the nomenclature changed to 'literatures in English'; the legitimate worth of non-British literatures began to be acknowledged. Discussions about translation studies in scholarly circles and at Indian universities gave an impetus to the prospect of translating literary works from Indian languages into English. Prestigious publishers now vie with one another for the right to bring out such works. Consequently, one comes across an array of literary creations—depicting the cultural complexities of a multi-ethnic, multi-religious and multi-caste country like India—translated into English from many languages in the country. The rich diversity of India is sharply reflected in the themes of these works. They include, among many others, India's Bhakti tradition, her colonial experience, her freedom struggle, Independence and partition, evolution of Indian identities, the idea of a nation and its contradictions, the Dalit experience, etc. The selections made for the present course subsumes some of these themes and the ideologies they project. It is hoped that the reading of these texts in translation will help students discern the historical, socio-cultural and political impact of various events on the regional literatures of India. Students will also get a glimpse of the vibrancies of *Bhasha* literatures and how much of the vitalities have been retained/lost in translation. Most importantly, students will get a chance to gain an idea about the cultural diversity of their own country through a variety of texts representing a very long period extending from 1st century BC.

Objectives:

1. To introduce students to some of the significant Indian regional language writers of various periods and to their works.
2. To acquaint students with the major ancient, medieval and modern literary movements in India and their influence on literature.
3. To enable students to compare the features and peculiarities of Indian societies, cultures and languages.
4. To acquaint students with the different literary techniques employed by various Indian regional language writers.

5. To help students understand how English gets Indianised in translation.
6. To make students understand the vast possibilities of translating literary texts from their own languages into English and the necessity of undertaking multidisciplinary research projects focusing on the literary-cultural varieties of India.

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours).

Semester-III

Course content-

Unit-I: Poetry

15 clock hours

Thiruvalluvar, From *Thirukkural*, Chapter 5 (“Family Life”) & Chapter 79 (“On Friendship”)

Akkamahadevi, “Would a circling surface vulture”

Kabirdas, i) “Hey Brother, Why do you Want me to Talk?” ii) “I won’t Come”

Mirabai, i) “Life in the World”, ii) “Strange is the Path when you Offer Love”

Atukuri Molla , From *Molla Ramayanam* “My Father Kesava”, “I am no Scholar”

Sant Tukaram, From Dilip Chitre’s *Says Tuka* Part IV, Section1, Poem 1 “Being in Turmoil”

Jogeshwari, “If fortune has brought you my way at last”

Unit-II:Short story

15 clock hours

Suresh Joshi, “The Patch”

Bashir Akhtar, “Some Poses, Some Snaps”

Binodini Devi MK, “Tune”

Unit III: Novel

15 clock hours

Gopinath Mohanty, *Paraja*

Unit IV: Drama

15 clock hours

Vijay Tendulkar, *Vultures*

Paper-4.4: Indian Literatures in English Translation

Semester-IV

Unit-I: Poetry

20 clock hours

Mary John Thottam (Sr. Mary Benigna) “Farewell to the world” (Stanzas 1-10)

Mohammad Iqbal “Man and God”

Sutapa Bhattacharya “Draupadi”

Nara (VN Rao) “White Paper”

Hiren Bhattacharya “These My Words”

Amrita Pritam “Daily Wages”

Raghuvir Sahay “Cycle Rikshaw”

Chandrasekhar Kambar “The Character I Created”

Namdeo Dhasal, “Poetry Notebook”

Indira Sant, “Spellbound”

Unit-II: Fiction

15 clock hours

Lalithambika Antharjanam *Fire, My Witness (Agnisakshi)*

Unit-III: Drama

13 clock hours

Girish Karnad *Tughlaq*

Unit-IV: Autobiography

12 clock hours

Bama, *Karukku*. Trans, Lakshmi Holmstrom.

Suggestion for teachers:

While teaching this course, teachers are expected to briefly discuss the political, socio-cultural and literary background of the texts prescribed for study. Some of the themes, for example, can be: Indian literature in the pre-colonial period, Mystic and Bhakti literature of India, colonial experience, Dalit experience, women’s position in pre-colonial and postcolonial India, representation of the marginalised in contemporary literature, Indian literary traditions like realism, modernism, etc. These themes and others may be discussed with reference to the texts in the course content. Relating the texts to their political, socio-cultural and literary milieu, it is hoped, would enhance students’ understanding of the factors that contributed to their writing. There will be a separate compulsory question on the background covering the topics above. The topics are suggested as examples only; the teachers may discuss other relevant themes as well.

Teachers should draw their students’ attention to the stylistic features of the authors prescribed for study, the major thematic concerns in the texts, etc. Students are expected to read all the primary texts listed in the course content. Teachers should encourage them to read histories of Indian languages and literatures. Also, students should be motivated to consult some critical works/commentaries on each text and author.

ICT-based teaching, amply supported by classroom interaction, is strongly recommended as the teaching method. A judicious use of PPTs should help learners prepare notes on the political, socio-cultural and literary background of the texts, the various themes dealt with in them, and the characteristic features of the writings of the authors prescribed for study. Depending on the availability of time, film versions of the novels and plays (downloaded from YouTube, etc.) may be shown to students. Readings of poems, sometimes by the poets themselves, may also be played/shown. As far as possible, students should be encouraged to read the texts in the original language, too, if the language is known to them, say, for e.g., Marathi or Hindi.

Seminars, discussions and presentations in the classroom can be adopted as means to enhance the critical skills of learners. All teachers are expected to be teacher-researchers in the sense that they would be consistently monitoring their own teaching in order to identify the most suitable method(s) for their students in particular classrooms.

Evaluation:

The assessment of the students' performance in tests, examinations, etc. will be done according to the guidelines issued by Savitribai Phule Pune University. The pattern of the question papers for semester-end examinations is attached separately to this document.

Primary sources for poetry, short fiction and the other texts:

Bama. *Karukku*. Trans. Lakshmi Holmstrom. Chennai: Macmillan India, 2005.

Chitre, Dilip. *Namdeo Dhasal: Poet of the Underworld*. New Delhi: Navayana, 2007.

Chitre, Dilip. *Tukaram: Says Tuka*. New Delhi: Penguin Books, 1991.

de Souza Eunice and Melanie Silgado (Eds.). *These My Words: The Penguin Book of Indian Poetry*. New Delhi: Penguin Books India, 2012.

Mohanty, Gopinath. *Paraja*, tr. Bikram K. Das, O.U.P., 1987.

Karnad, Girish. *Tughlaq* (trans. by the author). Delhi: Oxford Univ. Press, 1972.

Antharjanam. Lalithambika. *Fire, My Witness (Agnisakshi)*. Trans. Vasanthi Sankaranarayanan. OUP: 2015.

Sahitya Akademi, *Contemporary Indian Short Stories*, Series III, New Delhi: Sahitya Akademi, 1988.

Tharu, Susie & K Lalita (ed.). *Women Writing in India: 600 B.C. to the Present*. Vols. I and II. Delhi: Oxford University Press, New York: Feminist Press and London: Harper Collins, 1990-1993

Tendulkar, Vijay. *Vultures* trans. by Priya Adarkar, OUP, 1978.

Online references [for semester III Unit 1]

Thirukkural [<https://thirukkural133.wordpress.com/page/9/>]

Kabirdas [<https://allpoetry.com/poem/14327014-Hey-Brother--Why-Do-You-Want-Me-To-Talk--by-Kabir>] [<https://www.poetryfoundation.org/poetrymagazine/poems/54394/i-wont-come>]

Akkamahadevi [<https://www.poemhunter.com/poem/would-a-circling-surface-vulture/>]

Mirabai [<https://allpoetry.com/Mirabai>] [<https://allpoetry.com/Life-In-The-World>]
[<https://allpoetry.com/Strange-Is-The-Path-When-You-Offer-Love>]

Atukuri Molla, "I am no Scholar". From *Molla Ramayanam*

[[https://books.google.co.in/books?id=u297RJP9gvwC&pg=PA94&lpg=PA94&dq=Atukuri+Molla+\(16th+century+Telugu+poet\)+%E2%80%9CI+am+no+scholar%E2%80%9D](https://books.google.co.in/books?id=u297RJP9gvwC&pg=PA94&lpg=PA94&dq=Atukuri+Molla+(16th+century+Telugu+poet)+%E2%80%9CI+am+no+scholar%E2%80%9D)]

[<https://books.google.co.in/books?id=u297RJP9gvwC&pg=PA402&lpg=PA402&dq=mary+john+thottam+farewell+to+the+world+poem&source>]

Secondary sources:

A. Anthologies

Dangle, Arjun (Ed). *Poisoned Bread*. Hyderabad: Orient BlackSwan, 2009.

Dasan, et al (Eds.). *The Oxford India Anthology of Dalit Literature*. New Delhi: Oxford UP, 2012.

Deshpande, G.P (Ed.). *Modern Indian Drama*. New Delhi: Sahitya Akademi, 2010.

France, Peter. *The Oxford Guide to Literature in Translation*. OUP:Oxford, 2000.

[<https://books.google.co.in/books?id=pmNoS2dndKsC&pg=PA463&lpg=PA463&dq=Anthologies+of+translated+indian+literatures&source>]

George, K.M (Ed.) *Modern Indian Literature, an Anthology: Fiction*. New Delhi: Sahitya Akademi.

George, K.M (Ed.). *Anthologies of Modern Indian Literature (Volume3): Plays and Prose*. New Delhi: Sahitya Akademi, 1994.

Limbale, Sharankumar. *The Dalit Brahmin and Other Stories*. Hyderabad: Orient BlackSwan, 2018.

Panikkar, Ayyappa. Ed. *Medieval Indian Literature: An Anthology* (4 vols). New Delhi: Sahitya Akademi, 1997-2000.

Ramakrishnan, E.V (Ed). *Indian Short Stories (1900-2000)*. New Delhi: Sahitya Akademi.

Sharma T.R. S. (Eds.). *Ancient Indian Literature: An Anthology* (3 vols.). New Delhi: Sahitya Akademi, 2000.

Singha, Prasad S (Ed). *Survival and Other Stories*. Hyderabad: Orient BlackSwan, 2012.

B. General

Ambedkar B R. "Annihilation of Caste." In Valerian Rodrigues, ed. *The Essential Writings of B. R. Ambedkar*. New Delhi: Oxford UP, 2002.

Anand, Mulkraj. *Indian Theatre*. New York: Roy Publication, 1951.

Bandhyopadhyay, S. (Ed.). *Thematology: Literary Studies in India*. Kolkata: Jadavpur University, 2004.

Bassnett, S. *Translation Studies*. 3rd Edition. London and New York: Routledge, 2002.

Bassnett, S. *Comparative Literature: A Critical Introduction*. Oxford: Blackwell, 1993.

Bharucha, Rustom. *Theatre and the World: Performance and the Politics of Culture*. London: Routledge, 1993.

Bhatia, Nandi. *Modern Indian Theatre: A Reader*, New Delhi: Oxford University Press, 2009.

Bhattacharya, N.N. Ed. *Medieval Bhakti Movements in India*. New Delhi:

- Chatterji, Suniti Kumar. *Languages and Literatures of Modern India*. Calcutta.: Bengal Publishers Pvt. Ltd., 1963.
- Dalmia, Vasudha. *Poetics, Plays and Performances*. New Delhi: Oxford University Press, 2015.
- Das, Sisir Kumar. *A History of Indian Literature 1800-1910: Western Impact: Indian Response*. New Delhi: Sahitya Akademi, 1993.
- Das, Veena and Nandy, Ashis. "Violence, Victimhood and the Language of Silence" in Veena Das (Ed.), *The Word and the World: Fantasy, Symbol and Record*. New Delhi: Sage Publications, 1986.
- Dasgupta, Subha Chakraborty. *Literary Studies in India: Genealogy*. Kolkata:
- Dev, A. *The Idea of Comparative Literature in India*. Kolkata: Papyrus, 1984.
- Dharwadker, Aparna Bhargava. *Theatre of Independence*. New Delhi: Oxford University Press, 2008.
- George, K. M. (1984). Ed. *Comparative Indian Literature* (Vol.I and II). Trivandrum: Kerala Sahitya Akademi, 1984.
- Gokhale, Shanta. *Playwright at the Centre*. Calcutta: Seagull, 2000.
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- Hasan, Murhirul, Ed. *India Partitioned: The Other Face of Freedom*. 2 vols. New Delhi: Roli Books, 1995.
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- Mukherjee, Meenakshi. (Ed.). *Early Novels in India*. New Delhi: Sahitya Akademi, 2002.
- Mukherjee, Meenakshi. *Realism and Reality: The Novel and Society of India*. New Delhi: Oxford University Press, 1985.
- Mukherjee, S. *Translation as Discovery*. Hyderabad: Orient Longman, 1994.
- Nemade, Bhalchandra . "Indian Literature and Universalism". In *Interdisciplinary Alternatives in Comparative Literature*. ed. E V Ramakrishnan, Harish Trivedi and Chandra Mohan, Sage, 2013.
- Praver, S. S. *Comparative Literary Studies: An Introduction*. London: Duckworth, 1973.
- Premchand Munshi. "The Aim of the Literature" Presidential Speech given at the first Progressive Writers Conference, Lucknow, 9th April 1936, tr. Francesca Orsini in *The Oxford Premchand* OUP, 2004 (Appendix)
- Rajan, P. K & Daniel, Swapna. (Eds.). *Indian Poetics and Modern Texts*. Delhi: S Chand and Company Limited, 1998.

Rajkumar N. D. "Our Gods do not Hide". *Give us this Day a Feast of Flesh*. New Delhi: Navayana, 2011.

Ramanujan, A. K. "On Women Saints". In *The Divine Consort: Radha and other Minor Goddesses*. Berkeley: University of California Press, 1988.

Rangacharya, Adya. *Theatre in India*. New Delhi: National Book Trust, 1971.

Sangari, K and Vaid, S. Ed. *Recasting Women: Essays in Colonial History*. New Delhi: Kali for Women, 1989.

Sharma, Krishna. *Bhakti and Bhakti Movement: A New Perspective*. Delhi: Munshiram Manoharlal Publishers Private Ltd, 1987.

Varadpande, M.L. (1978). *Tradition of Indian Theatre*. New Delhi: Abhinav Prakashan, 1978.

Zelliot, E. "Literary Images of the Modern Indian City". *Urban India: Society, Space, and Image*. Ed. by Richard Fox. Durham: Duke University Press, 1970.

Question paper patterns

Semester-III

Qn.1) Long answer question on the background of Indian literatures (1 out of 3) 10 M

[The question should be based on the religious, socio-political, historical and literary background of the prescribed period].

Qn.2) Short notes on Unit 1 (2 out of 4) 10 marks

[Four options to be given. At least 1 question must be comparative. The comparative question on any two/three poets in the unit can be on their thematic concerns, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

Qn.3) A comparative question on the short stories in Unit 2 (1 out of 3) 10 marks

[The questions should cover aspects like: the writers' thematic preoccupations, style of writing, narrative technique, depiction of characters, structural features, etc.]

Qn.4) Long answer question on the novel *Paraja* (1 out of 3) 10 marks

Qn.5) Long answer question on *Vultures* (1 out of 3) 10 marks

Semester-IV

Qn.1) Long answer question on the background of Indian literatures (1 out of 3) 10 M

[The question should be based on the socio-political, historical and literary background of the prescribed period]

Qn.2) A comparative question on three or four poets in Unit 1(1 out of 3) 10 marks

[The question may be on aspects like: the poets' thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structure, techniques of presentation, etc.].

OR

Short notes on the poets in Unit 1 (2 out of 4)

[The questions must be on the poems of the poets not included in the comparative question. At least one/two questions must be comparative. The comparative questions on any two poets in the unit can be: their thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

- Qn.3) Long answer question on the novel *Fire, My Witness* (1 out of 3) 10 marks**
Qn.4) Long answer question on the play *Tughlaq* (1 out of 3) 10 marks
Qn.5) Long answer question on *Karukku* (1 out of 3) 10 marks

Paper-3.5: Academic Writing and Critical Reading

Rationale:

The need for a course in academic writing and critical reading emerges from the necessity of encouraging and initiating students to further research and honing their professional and everyday lives. This course is therefore meant to introduce the rudiments of reading and writing skills and encourage students to inculcate these hoping that this would hone their professional and research skills. Along with writing, reading is a skill that needs more attention. Teaching students how to read critically forms the basic premise of education in the humanities. It is a well-known fact that it is reading that leads to acquiring skills in writing and the great writers have always been avid critical readers. Keeping in mind the interconnectedness of these processes, this course will be divided into modules on reading and writing hoping to achieve a holistic balance that would benefit students. Being a skill based course, there will be practical components and exercises that would provide hands on experience to the students. The theoretical readings would be complemented with focused practical sessions that would enhance the overall understanding of the subject. The course will also take into account shifts in reading and writing practices with the proliferation of digital technologies and the ways in which digital literacies have redefined our ways of understanding reading and writing. The primary aim of this course is to disseminate theoretical and practical knowledge pertaining to reading and writing that would help improve and effectuate students' skills in these domains.

Objectives:

- 1) To introduce students to the concepts of academic writing and critical reading and illustrate their interconnectedness
- 2) To introduce students to be aware of how to write formal and academic prose in English.
- 3) To acquaint students how to present their research findings in a clear and structured manner
- 4) To help students understand students how to read English texts in their field and discuss them in English
- 5) To introduce students to the theories of reading
- 6) To enable an understanding of the shifts in reading and writing practices with the advent of digital technology and the formation of digital literacies.
- 7) To acquaint students with the different strategies of reading.
- 8) To suggest reading as a major way of improving both written and oral communication skills

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours).

Semester-III

(Academic Writing)

Course Content-

Unit-I: Introduction to Academic Writing **12 clock hours**

- a) **What is Academic Writing?** Emergence of the discipline, Key terms
- b) **Scope and significance of Academic Writing**, Evidence based argument, logical organization, impersonal tone
- c) **Difference between writing in general and Academic Writing** clear and limited focus, lexical and structural choices in academic writing, formal letters, literary analysis
- d) **Types of Academic Writing**, essay, report, research proposal, dissertation, book review

Unit-II: Academic and Formal Style **12 clock hours**

- a) **What is objectivity in writing?** precision, clarity, conciseness
- b) **What is impersonal writing?** Avoid emotional and rhetorical style, word choice, passive sentences, first person/third person
- c) **The concept of Cohesion and Coherence** ideas and concepts, concept note, transition, cause and effect
- d) **Logical writing** categorical and evaluative structure, chronological structure, sequential structure, comparative structure, causal structure

Unit-III: Research Writing **12 clock hours**

- a) **Writing a paragraph**, types of paragraph, parts of paragraph
- b) **Descriptive, analytical and critical writing**, organizing the document, reviewing, condensing and expanding, persuasive, reflective
- c) **Writing research proposal and research paper**, effective title, abstract, data display, funding proposal
- d) **Basics of Dissertation Writing**, MLA and APA styles of citation, quoting effectively, plagiarism

Unit-IV: Digital literacy **12 clock hours**

- a) **Content Writing and Technical Writing**, planning, writing, editing, drafting technical communication
- b) **Writing Blog Posts and articles for digital platforms**, what is a blog, how to write a blog, effective communication on digital platforms
- c) **Writing formal and informal emails**, difference between formal and informal emails, email etiquette, composition and organization

Unit-V: Practical sessions **12 clock hours**

Practical sessions would include exercises where the teacher would assign writing tasks to students and would evaluate those assisting students in how to improve their writing skills. These can include but need not be limited to a) writing a paragraph to a research paper; b) writing blogs or posts on social media; c) writing emails seeking jobs, funding proposals and seeking research grants; d) writing a curriculum vitae. The practical sessions are meant to execute and take stock of what has been discussed in the earlier modules. The teacher can be innovative and experimental in these sessions, depending on the composition of the class and the specific requirements of the students if any.

Paper-4.5: Academic Writing and Critical Reading

Semester-IV

(Critical Reading)

Unit-I: Reading: A Conceptual Framework 12 clock hours

- a) **What is reading?** Definition, historical overview, reading and readers
- b) **The different kinds of reading**, reading aloud, silent reading, reading to others, skim reading, scanning, close reading
- c) **Shifts in reading practices**, oral and aural to script culture, reading in the age of information technology, local, global, probing and post reading questions
- d) **Reading vs. Critical Reading**, form judgments about how a text works, what a text does and means, description, interpretation, evaluation

Unit-II: Comprehension 12 clock hours

- a) **What is comprehension?** definition, decoding, vocabulary
- b) **Stages in comprehension-** literal, inferential, appreciative, critique, evaluative, essential
- c) **Meaning making** memory, reflection, analysis, interpretation, assimilation
- d) **Preparation for Critical Reading**, Self reflect, read to understand

Unit-III: Critical Reading 12 clock hours

- a) **Pre-reading; while-reading and post-reading phases** reading as a social process, epistemology, reading and pedagogy
- b) **Theories of reading** Behaviorism, Cognitivism, Meta-cognitivism, Constructivism, Reader-Response etc.
- c) **Discourse analysis** reading and context, arguments and counterarguments, textual theory, hermeneutics
- d) **Why Critical Reading?** To evaluate the intellectual/cognitive, aesthetic, moral or practical value of a text, against the text than with the text,

Unit-IV: Digital Literacy 12 clock hours

- a) **Traditional reading vs digital reading**, Print vs screen, materiality of reading, gadgets and reading
- b) **Digital distractions and reflective reading**, browsing vs reading, concentration and memory,

- c) **Hypertexts and navigating the information on the world wide web meaningfully,**
Information revolution, horizontal vs vertical reading, web navigation

Unit-V: Practical Sessions

12 clock hours

Practical Sessions would include exercises where the teacher would conduct reading sessions in class. Readings can be from any genre in fiction to journalistic writing or blogs and other digital content. In these sessions the teacher would guide the students step by step through the different reading stages and encourage them in engaging critically with the text. After these sessions the teacher can assign similar reading tasks to students and ask them to write about their reading experiences emphasizing the several processes involved therein. The practical sessions are meant to execute and take stock of what has been discussed in the earlier modules. The teacher can be innovative and experimental in these sessions, depending on the composition of the class and the specific requirements of the students if any.

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Question Paper Patterns

(Semester-III)

Academic Writing

Time: 3 hours

Max. Marks: 50

Que. 1 Short answer questions on Unit-I (Any two out of four)

10 Marks

Que. 2 Short answer questions on Unit-II (Any two out of four)

10 Marks

- Que. 3** Short answer questions on Unit-III (Any two out of four) **10 Marks**
- Que. 4** Short answer questions on Unit-IV (Any two out of four) **10 Marks**
- Que.5** Practical Questions on Unit-V (Any two out of four) **10 Marks**

(Semester-IV)

Critical Reading

Time: 3hours

Max. Marks: 50

- Que. 1** Short answer questions on Unit-I (Any two out of four) **10 Marks**
- Que.2** Short answer questions on Unit-II (Any two out of four) **10 Marks**
- Que. 3** Short answer questions on Unit-III (Any two out of four) **10 Marks**
- Que.4** Short answer questions on Unit-IV (Any two out of four) **10 Marks**
- Que.5** Practical Questions on Unit-V (Any two out of four) **10 Marks**

Paper-3.6: American Literature

Rationale:

American literature is considered to be one of the most important non-British branches of English literature. As one of the first colonies of Britain, with a large group of immigrants from the same country, America could not really separate itself, at least for the first several decades, from the influence of British literature. However, what is significant is that this kind of literary dependence did not become a permanent feature and America succeeded in producing a kind of literature that was distinctly American. The Americanness of the literature began to be felt from the 18th century onwards and that originality has progressively continued till date. The rise of American literature to its independent identity coincides with that of its political and economic freedom. The democratic form of government that America adopted with its freedom in 1776 has special significance for India which is the other largest democracy in the world. American literature has always found its place in the English literature syllabi of Indian universities, particularly from the late 1950s to the 80s. Even in the present times the study of American literature has significance because this is a time when we in India redefine the scope of political and literary democracy. As it is well-known, America has its own much varied native and non-native ethnicities. How America has redefined democracy in the context of a vast variety of cultures is significant because India, too, has been a land of vast linguistic, religious and cultural diversities. Yes, the nature of the diversities in the two countries varies but the differences have posed challenges to both the democracies. While, for example, the protests of the African-Americans for their equality in the US have been a burning issue, the voices of the marginalized in India have raised questions about its notions of equality. Obviously, the issues that such diversities raise have been themes in the literatures of both America and India. Students at the MA level in India, while doing a course in Indian writing in English or Indian literatures in English Translation, would get ample opportunities to know how local issues find expression in this country's literatures. Doing a course in American literature simultaneously with a course in Indian literatures would enable students to make comparisons between the writers of the two countries and how the writers dealt with various local and national themes in the two literatures.

Objectives:

1. To provide students a general introduction to the major texts that led to the evolution of American literature as an independent branch of literature in English.
2. To familiarize students with the issues and problems America has gone through and how they find expression in her literature.
3. To help students gain a broad historical view of the entire period from the time of the early settlers, through the westward movement to the contemporary period.
4. To provide students a general idea about the religious, socio-political, literary and cultural movements in America.
5. To acquaint students with some of the major conflicts, struggles and movements that are closely connected with the experiences of a group of people struggling to establish their space within the nation
6. To familiarize students with the rich diversity of American writing

7. To enable students to undertake research of a comparative nature to discover similarities between the socio-political, cultural and literary issues pertaining to America and India.

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours).

Semester-III

Course content:

UNIT-I: Early writings

15 clock hours

- a) **Columbus**, From *Letter to Ferdinand and Isabella Regarding the Fourth Voyage* [Jamaica, July 7, 1503].
- b) **John Heckewelder**, From *History, Manners, and Customs of the Indian Nations* (Chapter II & III) [Delaware Legend of Hudson's Arrival **OR** Indian account of the first arrival of the Dutch at New York Island (Ch. II).] [Indian relations of the conduct of the Europeans towards them (Ch. III).]
- c) **J Hector St. John De Crevecoeur**, From *Letter IX. Description of Charles-Town; Thoughts on Slavery; on Physical Evil; A Melancholy Scene*

UNIT-II: Poetry

15 clock hours

- a) **Anonymous**- "Lenape War Song"
- b) **Philip Freneau**- i) "On Mr. Paine's Rights of Man" ii) "On the Religion of Nature"
- c) **Anne Bradstreet**- i) "The Author to Her Book" ii) "In Memory of My Dear Grandchild Anne Bradstreet, Who Deceased June 20, 1669, Being Three Years and Seven Months Old"
- d) **Paul Laurence Dunbar**- i) "We Wear the Mask", ii) "Harriet Beecher Stowe"

UNIT-III: Novel

15 clock hours

James Fennimore Cooper- *The Last of the Mohicans*

UNIT-IV: Autobiography

15 clock hours

Benjamin Franklin- *Autobiography*.

Paper-4.6: American Literature

Semester-IV

UNIT-I: Prose & speech

15 clock hours

- a) **Ralph Waldo Emerson**- From *Nature*: i) "Introduction", ii) Chapter 1("Nature") & iii) Ch. 3 ("Beauty")
- b) **Henry David Thoreau**- From *Walden*, the chapters titled "Economy" & "Where I Lived, and What I Lived For"
- c) **Abraham Lincoln**- "Second Inaugural Address, March 4, 1865"

UNIT-II: Poetry

20 clock hours

- a) **Walt Whitman**- “Prayer of Columbus”
- b) **Emily Dickinson**- i) “There’s a Certain Slant of Light”, ii) “A Light Exists in Spring”,
- c) **Robert Frost**- “The Death of the Hired Man”
- d) **Ezra Pound**- i) “A Pact”, ii) *Cantos* Section XLV
- e) **Carl Sandburg**- “Chicago”
- f) **Sylvia Plath**- i) “Tulips”, ii) “The Surgeon at 2 a.m.”
- g) **Allen Ginsberg**- “Sunflower Sutra”
- h) **Billy Collins**- “Forgetfulness”

UNIT-III: Novel

13 clock hours

Toni Morrison- *The Bluest Eye*

UNIT-IV: Drama

12 clock hours

Edward Albee- *Who’s Afraid of Virginia Woolf?*

Suggestions for teachers:

Teachers teaching the course are expected to briefly discuss the political, socio-cultural and literary background to American literature. They should do this while dealing with the authors representing different ages. There will be a separate compulsory question on the background covering topics related to/like: the discovery of America, the impact of European immigrants’ encounters with the native Red Indian tribes, Puritanism, slavery, the American Dream, American Renaissance, American War of Independence, Transcendentalism, American Romanticism, Frontier Experiences, the Civil War, the Lost Generation, Modernism, the Great Depression, Ethnicity (Native, African-American and Jewish) and contemporary literature. These topics are suggested as examples only; teachers may discuss other relevant topics as well.

The course expects teachers to introduce students to the dominant literary trends, stylistic features of the authors prescribed for study, major thematic concerns in the texts, techniques of narration, etc. Students are expected to read all the primary texts listed for the course. Teachers should encourage them to read histories of American literature and some critical works/commentaries on each text and author.

ICT-based teaching, amply supported by classroom interaction, is strongly recommended as the teaching method. The appropriate use of PPTs would enable learners not only to understand the basic trends and themes in American literature but also to use them to gather more information on the points presented before them. Depending on the availability of time, film versions of the novels and plays (downloaded from YouTube, etc.) may be shown to students. Readings of poems, sometimes by the poets themselves, may also be played/shown.

Seminars, discussions and presentations in the classroom can be adopted as means to enhance the critical skills of learners. Each teacher is expected to be a teacher-researcher in the sense that they would be consistently monitoring their own teaching in order to identify the most suitable method(s) for their students in particular classrooms.

Evaluation procedures: The assessment of students’ performance in tests, examinations, etc. will be done according to the guidelines issued by Savitribai Phule Pune University. The

pattern of the question papers for the semester-end examination is attached separately to this document.

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Question paper patterns

Semester-III

Qn.1) A long answer question on the background to American literature (1 out of 3).10 marks

[The question should be based on the socio-political, historical and literary background of the prescribed period].

Qn.2) Short notes on Unit 1 (2 out of 4)

10 marks

[Four options to be given. The questions must subsume all the authors in the unit. One of the questions may be comparative in nature]

Qn.3) A comparative question on the poets in Unit 2(1 out of 3)

10 marks

[The question may be on aspects like: the poets' thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

OR

Short notes on the poems prescribed for study (2 out of 4).

[There must be questions on the poems of all the four poets. At least 1 question must be comparative. The comparative question on any two poets in the unit can be: their thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

Qn.4) Question on the novel *The Last of the Mohicans* (1 out of 3) 10 marks

Qn.5) Question on *Autobiography* (1 out of 3) 10 marks

Semester-IV

Qn.1) An essay on the background to American literature (1 out of 3) 10 marks

[The question should be based on the socio-political, historical and literary background of the prescribed period].

Qn.2) Short notes on Unit 1 (2 out of 4) 10 marks

[Four options to be given. The questions should subsume all the authors in the unit. At least 1 question must be comparative. The comparative question on any two authors in the unit can be on the authors' thematic concerns, style of writing, students' own responses to incidents in the texts, structural features of the texts, etc.]

Qn.3) A comparative question on two or three poets in Unit 2 (1 out of 3) 10 marks

[The question may be on aspects like: the poets' thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

OR

Short notes on the poems prescribed for study (2 out of 4).

[The questions must be on the poems of the poets not included in the essay question. At least 1 question must be comparative. The comparative question on any two poets in the unit can be: their thematic preoccupations, style of writing, use of imagery, use of symbols, poems' structural features, techniques of presentation, etc.]

Qn.4) Long answer question on the novel *The Bluest Eye* (1 out of 3) 10 marks

Qn.5) Long answer question on *Who's Afraid of Virginia Woolf?* (1 out of 3) 10 marks

Paper-3.7: Pragmatics and Digital Humanities

Preamble:

Twenty-first century is the century of application, innovation, and scaling. New as well as age-old proven thoughts are being seen in a variety of innovative ways, giving rise to several new branches. New perspectives to language, communication and various other core concerns of the humanities are emerging. Recent developments in technology have added unprecedented depth and dimension to these branches.

Pragmatics and Digital Humanities are the most widely acknowledged and researched of the emerging fields of study. Globally, top-ranking universities provide courses and research facilities in these fields at graduate, post-graduate, and doctoral levels. Pragmatics is a functional and dynamic perspective to language whereas digital humanities deals with the interaction of humanities with digital technology. Both these fields of study promote dialogue across the disciplines, are generative in nature, and uphold the core concerns of the humanities.

Objectives: (Pragmatics)

1. To introduce students to pragmatics as a dynamic perspective to language
2. To acquaint them with the development of pragmatics, from the 'waste-paper basket' view to a systematic and coherent theory
3. To introduce the vibrant and socially-relevant concepts and theories of pragmatics
4. To enable students to apply pragmatic insights in different fields like literature, translation, and NLP

Objectives: (Digital Humanities)

1. To enable students to see how the humanities are emerging into digital humanities
2. To acquaint students with the nature and features of digital humanities
3. To introduce some tools and branches of digital humanities
4. To bring to the fore the possibilities of undertaking various digital humanities projects

Allotment of Credits: One credit is equal to 15 clock hours and every semester is allotted four credits (60 clock hours)

Semester-III **(Pragmatics)**

Course Content:

Unit-I:Introduction

(15 clock hours)

1. What is Pragmatics?
2. How does Pragmatics differ from linguistics?
3. Development of Pragmatics (from 1934 to the present)
4. Major contributors to the development Pragmatics

Unit-II: Major concepts in Pragmatics (15 clock hours)

1. The context
2. Speech act
3. Turn-taking
4. Implicature

Unit-III: Major theories in pragmatics (15 clock hours)

1. Speech act theory
2. Relevance theory
3. Conversational principles
4. Pragmatics and cognition

Unit-IV: Applications of pragmatics (15 clock hours)

1. Pragmatic analysis of literature
2. Pragmatics and discourse analysis
3. Pragmatics of translation
4. Pragmatics and Natural Language Processing

Paper-4.7: Pragmatics and Digital Humanities

Semester-IV

Digital Humanities (DH)

Course Content-

Unit-I: DH: Introduction (15 clock hours)

1. The humanities-development and core concerns
2. The transitions-oral, text-based, and digital
3. Global DH
4. The state of digital humanities in India

Unit-II: DH: Meaning and Nature (15 clock hours)

1. Meaning and definitions of digital humanities
2. Major features of digital humanities
3. What is digital scholarship?
4. Some noteworthy digital projects

Unit-III: DH: Approaches and Perspectives (15 clock hours)

1. Race, caste and coloniality in digital media
2. Feminist digital humanities
3. Code and Platform Studies
4. New Media Studies

Unit-IV: DH: Methods and tools (15 clock hours)

1. Digital Archiving: curating, digitizing, machine readability, and building digital archives
2. Visualization: representing data visually through maps, charts, graphs, and other forms
3. Computational text analysis: acquiring, cleaning, creating, and interpreting data
4. Multilingualism in Digital Humanities
- 5.

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Question Paper Patterns

Semester-III

(Pragmatics)

Time: 3 Hours

Max Marks: 50

Q 1. Short-answer questions on development and contribution in

pragmatics. (Any two out of four) Marks (10)

Q 2. Long answer question on major concepts in pragmatics.

(Any one out of three) Marks (10)

Q 3. Short-answer questions on major theories in pragmatics.

(Any two out of four) Marks (10)

Q 4. Short-answer questions on application of pragmatics.

(Any two out of four) Marks (10)

Q 5. Practical questions on unit II and unit III on Pragmatics

(Any five out of seven) Marks (10)

Semester-IV
(Digital Humanities)

Time: 3 Hours

Max Marks: 50

Q 1. Short-answer questions on unit-no-I

(Any two out of four)

Marks (10)

Q 2. Long answer question on unit-no- II

(Any one out of three)

Marks (10)

Q 3. Short-answer questions on unit-no-III

(Any two out of four)

Marks (10)

Q 4. Short-answer questions on unit-no-IV

(Any two out of four)

Marks (10)

Q 5. Short-answer questions on new techniques in DH.

(Any five out of seven)

Marks (10)

Paper-3.8: World Literature in English

Rationale:

The advancement in information and communication technology has made the world a much smaller place than it used to be. Gathering information about or getting in touch with regions located at the extreme ends of the globe is not so difficult a task now. Certainly, the evolution of English as a world language has eased the complexity of the task further. The language, even as it acts as a lingua franca of the world and a medium for information, has recently become a coveted means for the authors of many countries to present themselves and their works to the world outside their own regions. Fortunately for the serious readers and students of the world, getting access to the great writers and their texts has become a much easier engagement. The present course attempts to showcase some of the texts of world renowned authors which are available in English. It is hoped that the course will offer students glimpses of the representations of cultural diversities and technical experiments that the authors try to project in the selected works. The focus has been mainly on the writers other than the ones with whom our students are familiar so that students will get introduced to them and the cultures they depict through their works.

Objectives:

1. To introduce students to some of the important literary texts of the world
 2. To help them in gaining some insights into the socio-cultural aspects of the regions from where the texts are chosen.
 3. To enable students to compare the authors of the world with Indian writers in English or the writers in their own languages.
 4. To introduce students to the various techniques employed by the authors and how the techniques are adapted/adopted by Indian authors.
 5. To help the students undertake research in comparative literature
-

Semester-III

Course Content-

Unit -I: Drama

15 clock hours

Sophocles- *Antigone*

Unit-II: Poetry

15 clock hours

Geoffrey Chaucer- “The Canterbury Tales: General Prologue”

Aleksandr Pushkin- “To a Poet”

Lucy Maud Montgomer- “Come, Rest Awhile”

Gabriela Mistral- “Song of death”

Doris Lessing- i) “Fable”, ii) “Dark Girl’s Song”

Margaret Atwood- “Marrying the Hangman”, “A Sad Child”

Unit-III: Fiction

15 clock hours

Nadine Gordimer- *My Son's Story*

Unit-IV: Biography

15 clock hours

Anne Frank- *The Diary of a Young Girl*

Paper-4.8: World Literature in English

Semester-IV

Unit-I: Drama

15 clock hours

Bertolt Brecht, *The Good Woman of Setzuan*

Unit-II: Poetry

15 clock hours

Bian Zhilin, "Long is"

Dennis Brutus, "A Common Hate Enriched Our Love and Us"

Gabriel Okara , i) "You Laughed and Laughed and Laughed", ii)"The Mystic Drum"

NgugiwaThiongo, "The Dawn of Darkness"

ParveenShakir, "A Special Laborer of Steel Mills"

Unit-III: Fiction

15 clock hours

V. S. Naipaul 'A House for MrBiswas'

Unit-IV: Autobiography

15 clock hours

Maxine Hong Kingston, *The Woman Warrior: Memoirs of a Girlhood Among Ghosts*

Suggestions for teachers:

Teachers are expected to briefly discuss the literary background, movements, important writers and their works while teaching each of the texts listed in the course. There will be a separate question on the socio-cultural and literary background of the period during which the texts were written. The questions may include the cultural and literary influences on the author, the authors' distinct contribution to the literary world, the social background of a region as it is reflected in a particular work, etc. These topics for questions are suggested as examples only; teachers may discuss other relevant topics as well. Needless to say, every teacher should briefly introduce their class to the socio-political, historical and literary conditions that prevailed in each of the countries to which the writers belonged. The dominant literary tendencies and trends, the stylistic features of the authors prescribed for study, the major thematic concerns in the texts, etc. are also issues that can be discussed. Students are expected to read all the primary texts listed in the paper. Teachers should

encourage students to read histories of world literature and some critical works/commentaries on each text and author.

ICT-based teaching, amply supported by classroom interaction, is strongly recommended. A judicious use of PPTs should help learners prepare notes on the characteristic features of the writings of the authors prescribed for study and the major themes of the texts. Depending on the availability of time, film versions of the novels and plays (available on YouTube, etc.) may be shown to students. Readings of poems, sometimes by the poets themselves, may also be played/shown.

Seminars, discussions and presentations in the classroom can be adopted as means to enhance the critical skills of learners. Each teacher is expected to be a teacher-researcher in the sense that s/he would be consistently monitoring her/his own teaching in order to identify the most suitable method(s) for her/his students in particular classrooms.

Evaluation: The assessment of students' performance in tests, examinations, etc. will be done according to the guidelines issued by SavitribaiPhule Pune University. The pattern of the question papers for the semester-end examination is attached separately to this document.

- **Teachers can use *The Norton Anthology of World Literature* for the background of the course. The book is useful for the first theory question for both the semesters.**

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Question Paper Patterns

(Semester-III)

Time: 3 Hours

Marks: 50

Q. 1. Background question (Any one out of three)

M. 10

(Long answer question on the background and features of *World Literatures in English*)

Q. 2. Questions based on Unit No. 1.

M. 10

(Any two out of three)

Q. 3. Questions based on Unit No. 2.

M. 10

(Any two out of three- comparative in nature)

Q. 4. Questions based on Unit No. 3.

M. 10

(Any two out of three)

Q. 5. Questions based on Unit No. 4.

M. 10

(Any two out of three)

(Semester-IV)

Time: 3 Hours

Marks: 50

- | | |
|---|-------|
| Q. 1. Background question (Any one out of three) | M. 10 |
| (Long answer question on the background and features of <i>World Literatures in English</i>) | |
| Q. 2. Questions based on Unit No. 1. | M. 10 |
| (Any two out of three) | |
| Q. 3. Questions based on Unit No. 2. | M. 10 |
| (Any two out of three- comparative in nature) | |
| Q. 4. Questions based on Unit No. 3. | M. 10 |
| (Any two out of three) | |
| Q. 5. Questions based on Unit No. 4. | M. 10 |
| (Any two out of three) | |



Savitribai Phule Pune University

Department of Commerce

Program: M.Com Syllabus

Revised as per NEP

Academic Year 2023-24



Contents

- 1. Preamble**
- 2. M.Com Program**
- 3. M.Com Program Structure**
- 4. Course Content and Reading List**

1. Preamble

The modern day world is fast, complicated and challenging. In this scenario every country is trying to get the best in commercial dealing and help economy to grow. The growth of the nation depends upon its business, trade and commerce with highly developed industries. The modern day business requires highly trained and skillful young men and this requirement can be fulfilled by right Commerce education and curriculum. The aim of Commerce education is to enhance knowledge and skill sets of commerce graduates making capable of facing the challenges in business world while contributing meaningfully to the society and nation.

The Department of Commerce was established in the year 2006 with the flagship program of Masters in Commerce (M. Com) at the University Campus. It was one of the most awaited and well acknowledged program by students. It is a two year program consisting of four semesters with the Choice Based Credit System.

The program provides an extreme and rigorous base for teaching, learning, research and allied business activities.

The program has served the needs of society as well as the industry. The students of the Department have shown their excellence in business and academics.

The revision of syllabus in this program is an essential and periodic process. The challenges of new trends in the industry, global economy and society have been taken into consideration while revising the program. Opinions of all stake holders have been sought, including suggestions from Industry experts, Academic Stalwarts, Alumni, Students, Employers and Parents. Trends in commerce education in India and around the globe have been observed and a team of academic expert panel appointed under the leadership of the Honorable Vice Chancellor and Pro- Vice Chancellor has contributes towards development of this syllabus. The program serves the needs of students and prepares them for careers in research, teaching entrepreneurship and industry, in addition to preparing them to face the challenges of the society.

2. M. Com Program:

The M. Com Program at the Department of Commerce follows CBCS (Choice Based Credit System) as mandated by the UGC. It provides ample opportunity to students to select subjects of their interest and also develop their skills and abilities. Each course in the program is evaluated with continuous grading system. Grading systems provides uniformity in the evaluation and computation of cumulative grade points (CGPA) based on students' performance in examinations which enables to move in a better way towards higher education.

M.Com Program at the Department aims to provide new direction and impetus for the growth of business education.

The purpose of establishing the Department is:

1. To provide a broad based policy direction for the development of Commerce education.
2. To identify new programs to be launched in the Department of Commerce.
3. To coordinate and monitor various activities in research and extension.

The Department focuses on the following aspects:

- a. To offer up to date knowledge in different aspects of Commerce.
- b. To develop healthy interactions by applying appropriate analogical systems and teaching methods.
- c. To evaluate the performance of the learners by using transparent, effective and reliable methods of evaluation.
- d. To develop an acceptable standard of learning that caters to the needs of different stakeholders.

3. M. Com Program Structure:

The M. Com Program structure aims to provide

- i) A conducive environment for learning and dissemination of knowledge.
- ii) To establish a strong theoretical foundation and practical application
- iii) To develop research orientation.
- iv) To prepare students for various competitive exams
- v) To prepare students to accept challenges, face and achieve success in life.

The Major Subjects have the following Specialization:

- I) Corporate Accounting and Financial Management (CA)
- II) Banking and Finance (BF)
- III) Digital Marketing & E-Commerce (DM)

Apart from the regular curriculum, skilled development programs are also conducted to enhance the special skill sets of students. The curriculum also provides opportunities for students to select any other course of their interest from any other Department in the University Campus and earn extra credit over and above their normal credits. Students of other Departments can choose any of the subjects run by the Department and earn extra credits. The specializations offered at the Department are decided as per the needs of the Industry.

The program thus offers a wide range of choice to broaden their capabilities and skills thus providing them enough potential to face the complexities of the outside world.

Program Specific Outcomes (PSOs):

The course prepares the students to serve the needs of academics, teaching and research. It provides a rigorous base for teaching and learning thus creating a strong personality of students. Appropriate teaching pedagogies are practiced and adopted to ensure learning for students in an appropriate and enhanced way.

The course attempts to inculcate responsibility, honesty, kindness, compassion amongst the students, so that an overall personality of students is developed.

Its ultimate aim is to create a groomed person filled with right knowledge and attitude to help create a good environment conducive for growth and future prospects.

- The instruction medium of all courses will be English.
- All rules and regulations implemented by the University authorities from time to time will be applicable.

Programme Educational Objectives (PEO's)

PEOs 1: Enables learners to get theoretical and practical exposure in the commerce sector which includes Accounts, Commerce, Marketing, Management, Economics, Environment, Business, Banking and Digital Marketing.

PEOs 2- Develops communication skills and build confidence to face the challenges of the corporate world

PEOs 3 - Enhances the capability of decision making at personal and professional levels

PEOs4 – Makes students industry ready and develop various managerial and accounting skills for better professional opportunities.

PEOs5 - Develops entrepreneurial skills amongst learners.

PEOs6 - Strengthens their capacities in varied areas of commerce and industry aiming towards holistic development of learners.

PEOs7 - Thus, after completing the program learners develop a thorough understanding of the fundamentals in Commerce, Finance, Banking and Digital Marketing

PEOs 8- Improve the critical thinking of students by applying the knowledge of banking, accounts and digital marketing in a cohesive and logical pattern to solve structure and unstructured problems in these areas

PEOs-Understand and employ the interdisciplinary approach of various concepts learned in banking, accounts and digital marketing and its association with various fields of study.

Programme Outcomes(POS)- Specialization: Corporate Accounting and Financial Management

The Specialization in Corporate Accounting and Financial Management will enable:

POS 1- Students to learn principles and concepts of Accountancy.

POS 2-Students will get practical Knowledge of accounting principles and applications.

POS 3- Students will be able to recognize commonly used financial statements, their components and how information from business transactions flows into these statements

POS 4- Students will be able to demonstrate knowledge of preparation of Financial Statements and or financial schedules in accordance with Generally Accepted Accounting Principles through analysis and synthesis of information as well.

POS 5-Students will learn New trends in Accounting

POS 6- Students will learn Forensic Accounting, Risk Management, Portfolio Management, Fintech

POS 7-Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

POS 8-Students will be able to demonstrate knowledge of various advanced accounting issues related to Financial Accounting within a global and or ethical framework

Programme Outcomes (POS)-Specialization: Banking and Finance:

The Specialization in Banking and Finance will enable:

POS1- To acquire knowledge of working of Indian Banking system

POS 2- The impact of government policy and regulations on the banking industry

POS 3-Learn about Financial statements analysis and performance of banks

POS 4- Know the banking lending policies and procedures.
POS 5- Understand the role of Financial Markets and their importance in the economy
POS 5- Understand the Risk Management methods and policies in banking sector
POS 6-Know about Banking Technology and Data Communication and Management Information System of Banks
POS 7-To understand the operational Aspects of Banks
POS 8-To know the various financial services and their applicability.

Programme Outcomes (POS)-Specialization: Digital Marketing & E-Commerce

The Specialization in Digital Marketing & E-Commerce will enable students:

POS 1- Understand the fundamental concepts of digital marketing and interpret the traditional marketing mix within the context of a changing and extended range of digital strategies and tactics.
POS 2- Plan, Create and Execute Effective Digital Marketing campaigns, understand and appreciate websites, social networking sites as platform for connecting with stakeholders
POS 3-Understand the technicalities of Search Engine Optimization and Marketing
POS 4- Apply best practices pertaining to marketing channels and get insights into various E-portals
POS 5- Understand the Customer relationship management
POS 6- Know about Start-ups and Digital Business Management
POS 7- Know Analytics-Web and Google
POS 8- Know emerging trends and technologies in Digital Marketing.

Benefits of Master of Commerce:

Students will be able to seek jobs in the following job profiles

- 1.Auditing offices
2. Logistics Department
- 3.Banks
4. Educational Institutions
- 5.Stock Exchange
6. Entrepreneurship
- 7.Banking Relationship Manager
8. Sales Manager
- 9.Branch Manager
10. Financial Analyst
11. Banking Officer
12. Financial Manager
13. Banking Assistant
14. Marketing Executive
15. Sales Executives
16. Corporate Banking Credit Analyst

Possible Internship Options Available:

- 1.Co-operative Banks, Commercial Banks, Small Banks
- 2.Chartered Accountants
- 3.Chartered Secretary
4. Retail Outlets
- 5.Manufacturing firms
6. Service Industry like Hospitality, Software, Educational Institutions
7. Pune Merchant Chambers
8. Trade Associations
9. Stock Exchange
10. Government Departments
11. NABARD

Duration of the Program: It is a Two Year Program. At the End of the Second Year , student will receive a Post graduate degree in the required Specialization chosen by the candidate. However, exit option is available after One year. After completion of One Year student will get PG Diploma in the Specialization opted by the student.

Eligibility for Admission: B.Com / B.Com (Computer Applications) / B.Com (IT), B.Com (E-Commerce) B.A Economics/ BBA/BBM.

Admission Procedure :

The Common Entrance Test shall be conducted by the University .Candidates need to submit the application through online. The selection will be done by the University as per the norms of merit consisting of entrance exam mark.

Choice Based Credit System (CBCS):

The program is offered through a 'Choice Based Credit System'. The students have a choice to select offered by other departments in the University.

Attendance:

Each student shall obtain 75 per cent attendance to be eligible for appearing for the End Semester Examination as per the Rule set by the University.

Grading:

Grading of the marks obtained by the students shall be made as per the norms of Choice Based Credit System (CBCS) in the same manner as followed in other Departments of SPPU.

Weightage of Marks:

The weightage of marks between continuous Internal Assessment and End Semester Examination shall be 50 and 50 respectively.

The weightage of 50 marks for Internal Assessment Components shall consist of the following components.

1. One Class Tests: 20 marks
2. Two Written Assignments: 20 marks
3. Quiz/Presentation/Group Discussion/Test: 10 marks

Total: 50 marks

At the End of Each Semester, there will be a Term End Semester Exam consisting of 50 marks

Internship:

Every student shall undergo Internship training during the summer vacation of First year. This Internship shall be of 120 hrs. The objective of the Internship training is to give the students a hands-on experience of real-life business operations. At the end of the Semester, each student should submit an Internship Training Report explaining clearly what each student has learnt during the Internship period. The Internship Report and the Viva-Voce Examination will be evaluated by the internal Faculty Guide. The Weightage for the Internship Report shall be 75 marks and weightage for Viva-Voce Examination shall be 25 marks (Total 100 marks).

Final Project:

Every student shall carry out a project in the Third and Fourth Semester. Once the guides are allotted to the students, the students should contact the respective guides periodically and get necessary guidance and feedback on the project work. At the end of the project period, every student shall submit a structured project report as approved by the Faculty Guide within the period specified by the Department. The Final Project Report and Viva-Voce examination will be evaluated by Internal & External Examiners.

Credit distribution structure for Two Years/ One Year PG M.Com. and Ph. D. Programme									
Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4 +2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4 +2*2 or 3*4+2)	4		4		20-22	
Cum. Cr. For PG Diploma			24-28	8	4	4	-	40-44	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4 +2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4 +2 or 3*4)	4			6	20-22	
Cum. Cr. for 1 Yr PG Degree			22-26	8			10	40-44	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									
	8.0		Course Work Min. 12 (3*4)		Training in Teaching / Education/ Pedagogy: 4		16 + Ph. D. Work		Ph.D. in Subject

Abbreviations: Yr.: Year; Sem.: Semester; OJT: On Job Training; Internship/
Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP;
Cumulative Credits: Cum. Cr.

Syllabus for M.Com Program

Savitribai Phule Pune University														
Department of Commerce														
Syllabus for M.Com Programme														
Level	Sem	Major												Total Credits
		Mandatory*			Credits	Mandatory*			Credits	Mandatory	Credits	Electives (Any One)	Credits	
6	Sem I	Corporate Accounting and Financial Management(CA)	Banking and Finance(BF)	Digital Marketing and E-Commerce(DM)	4	Corporate Accounting and Financial Management(CA)	Banking and Finance(BF)	Digital Marketing and E-Commerce(DM)	2	DC1.5-Research Methodology	4	DC 1.6 Indian Economy Structure and Policies/Statistics for Business Research/ Selling and Negotiation Skills	4	20
		DC(CA)1.1 Financial and Accounting Practices	DC(BF)1.1 Monetary and Fiscal Policy Analysis	DC(DM)1.1 Digital Business & E-Commerce		DC(CA)1.3 Cost Control and Management Accounting	DC(BF)1.3 Banking Operations and Financial System	DC(DM)1.3 Basics of Digital Marketing						
		DC(CA)1.2 Financial Markets System	DC(BF)1.2 Financial Markets System	DC(DM)1.2 Fundamentals of Marketing		DC(CA)1.4 Strategic Financial Management	DC(BF)1.4 Digital Banking and Information Technology	DC(DM)1.4 Web Designing & Content Management Systems						
	Sem II	DC(CA)2.1 Financial Service	DC(BF)2.1 Financial Service	DC(DM)2.1 Social Media Marketing	4	DC(CA)2.3 International Financial Reporting Standards	DC(BF)2.3 Banking Management	DC(DM)2.3 Content Marketing	2	DC2.5-On Job Training/FP	4	DC2.6 Developmental Economics/Business Analytics/ MS Excel	4	20
		DC(CA)2.2 Financial Risk Management	DC(BF)2.2 Financial Risk Management	DC(DM)2.2 SEM & SEO	4	DC(CA)2.4 Security Analysis and Portfolio Management	DC(BF)2.4 International Banking	DC(DM)2.4 Creative Media Marketing	2					
		Cumulative Credits for PG Diploma													Total Credits		40
* Students has to selected one Specialization under the Major-Mandatory Subjects														
Exit option: PG Diploma														

OR

Level	Sem	Major												Total Credits
		Mandatory*			Credits	Mandatory*			Credits	Mandatory	Credits	Electives (Any One)	Credits	
6	Sem I	Corporate Accounting and Financial Management(CA)	Banking and Finance(BF)	Digital Marketing and E-Commerce(DM)	4	Corporate Accounting and Financial Management(CA)	Banking and Finance(BF)	Digital Marketing and E-Commerce(DM)	2	DC1.5-Research Methodology	4	DC 1.6 Indian Economy Structure and Policies/Statistics for Business Research/ Selling and Negotiation Skills	4	20
		DC(CA)1.1 Financial and Accounting Practices	DC(BF)1.1 Monetary and Fiscal Policy Analysis	DC(DM)1.1 Digital Business & E-Commerce		DC(CA)1.3 Cost Control and Management Accounting	DC(BF)1.3 Banking Operations and Financial System	DC(DM)1.3 Basics of Digital Marketing						
		DC(CA)1.2 Financial Markets System	DC(BF)1.2 Financial Markets System	DC(DM)1.2 Fundamentals of Marketing		DC(CA)1.4 Strategic Financial Management	DC(BF)1.4 Digital Banking and Information Technology	DC(DM)1.4 Web Designing & Content Management Systems						
	Sem II	DC(CA)2.1 Financial Service	DC(BF)2.1 Financial Service	DC(DM)2.1 Social Media Marketing	4	DC(CA)2.3 International Financial Reporting Standards	DC(BF)2.3 Banking Management	DC(DM)2.3 Content Marketing	2	DC2.5-On Job Training	2	DC2.6 Developmental Economics/Business Analytics/ MS Excel	4	20
		DC(CA)2.2 Financial Risk Management	DC(BF)2.2 Financial Risk Management	DC(DM)2.2 SEM & SEO	4	DC(CA)2.4 Security Analysis and Portfolio Management	DC(BF)2.4 International Banking	DC(DM)2.4 Creative Media Marketing	2					
		Cumulative Credits for PG Diploma													Total Credits		40
* Students has to selected one Specialization under the Major- Mandatory Subjects														
Exit option: PG Diploma														

SEMESTER WISE DETAILS

M.COM PROGRAM

M.Com Year 1 Semester I –Level 6

Mandatory (Major) (4 Credits)

Specialization: Corporate Accounting and Financial Management(CA)

Subject Code: DC (CA) 1.1

Subject Name: Financial and Accounting Practices

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of the course is to equip students with the Knowledge and understanding to help them gain competencies in corporate level accounts and finance function.

Course Outcomes:

1. To learn the basic concepts of Accounting and Accounting Standard and principles.
2. To learn Financial Statements of Joint Stock Company and Holding Companies.
3. To learn Liquidation of Companies.
4. To learn accounting practices of Banking and Insurance, Software Companies, BPO's, Hotels and Restaurants.

Units	Course Contents
1	Conceptual Framework of Accounting and Conventions Concept of Accounting Theory, Role of Accounting Theory, Approaches to Accounting Theory, Accounting Environment, Classification of Accounting, Accounting Principles, Accounting Conventions ,Accounting Standards and IFRS
2	Company Accounts and Financial Statements Financial Statement of Joint Stock Companies, Balance Sheet, Profit and Loss Account, Board of Directors Report and Business Performance Analysis
3	Company Accounts, Liquidation Legal Provisions, Statement of Affairs and Defining Surplus Account, Liquidators Final Statement of Accounts
4	Industry Specific Accounting Practices Banking & Insurance Companies, non-profit institutions, Software and business process, outsources (BPO), Hotels and Restaurants, Valuation and accounting of intellectual property rights, HR Accounting, Agricultural Accounting

Reading List:

1. R. L. Gupta, M. Radhaswamy, Advanced Accounting Theory, Method and Applications, Sultan Chand & Sons
2. M. C. Shukla, T. S. Grewal, Advanced Accounting, S. Chand Co. Ltd.
3. Nanif Mukherjee, Advanced Accounting, Tata MCGrew Hills Educations
4. Dr. L. S. Porwall, Accounting theory, Tata MCGrew Hills
5. Jain and Narang, Advanced Accounting, Kalyani Publishers, Ludhiana

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (4 Credits)

Subject Code: DC (CA) 1.2

Subject Name: Financial Markets System

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: To equip students with the financial system of bank and bring out the importance of financial system. It will also provide in depth knowledge about financial institutions, Instruments and services.

Course Outcomes:

1. To understand the Indian Financial System of Banks.
2. To know the Financial Markets.
3. To know the Role of Financial Institutions in India.
4. To learn the different Development of Financial Institutions.
5. To learn the various Financial Instrument and Financial Services.

Units	Course Contents
1	Introduction Financial System, Structure, Components of Markets, Institutions, Instruments, Services, Functions, Significance, Development of Financial Sector, Parameters of Development of Financial Sector
2	Financial Markets Capital Market, Money Market, Derivate Markets, Commodity Markets, Characteristics Features, Participants, Instruments and Challenges Primary Market, Role of various entities in primary markets, Concept and study of DRHP (Draft Red Hearing Prospectus), SEBI (ICDR) Regulations Secondary Market- Listing Process, SEBI (LODR) Regulations, Participants in secondary market, Role and Importance of market participants,
3	Financial Institutions in India Banking, Commercial Bank Structure, Problems of Competitors, Interest Rate, Spread of NPAs, Bank Capital, Adequacy norms, Financial Inclusion, Measures and Innovations for Financial Industries, Role of Banks in Financial Markets. SEBI Mandate
4	Development of Financial Institutions Evaluation, Functions, IFCI ,ICICI, IDBI, FC's, LIC ,GIC ,SIDBI, Development v/s Commercial Banking, Universal Banking
5	Financial Instruments Debt, Equity, Hybrid, Innovate Instruments, Mutual Funds, ADRS, GDRs', FCCB, P Notes, IDRS

Reading List:

1. L. M. Bhole & Jitendra Mahakud, Financial Institutions and Markets, Structure, Growth & Innovation, McGraw Hills Publications
2. Vasant Desai, The Indian Financial Systems and Financial Market Operations, Himalaya Publishing House
3. Mykhan, Indian Financial System, McGraw Hills Education (India) Pvt. Ltd.
4. H R Machiraju, Indian Financial System, Vikas Publishers House Pvt. Ltd.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(CA) 1.3

Subject Name: Cost Control and Management Accounting

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: The objectives of this course is to equip students with the knowledge of concepts, methods and techniques of management accounting and enable them to use various techniques for cost ascertainment, budget preparation and variance analysis while focusing on its needs for managerial decisions.

Course Outcomes: The successful completion of this course shall enable the students to:

1. Identify difference between various forms of Accounting, Financial, Managerial and Cost
2. Learn the role of Management Accountant
3. Identify cost according to their activity and applying costing techniques for computing cost or products and services
4. Preparation of Income statement using variable costing and absorption costing
5. Make various managerial decisions
6. Prepare budgetary statement, identify cost centers, responsibility centers

Units	Course Contents
1	Introduction to Cost and Management Accounting: Nature, functions and importance of financial and management accounting, Cost V/s Management accounting, Role of management accountant, cost concepts and classification. Responsibility centres: Cost centre, Investment centre, Revenue centre, Profit centre.
2	Activity Based Costing (ABC), Marginal Costing: Concepts and Uses, Flow of Costs in ABC, Concept of Marginal Costing, Cost-Volume-Profit(CVP) analysis, Profit Volume(P/V) Analysis, Contribution Margin, Break Even Analysis.
3	Standard Costing and Analysis of Variance: Standard Costing as Control technique, Objects of Standard Costing. Meaning, Importance and Kinds of Variance, Variance Analysis: Material, Labor and Overheads
4	Budgeting: Definitions, Essentials and Types of Budgets. Preparation of different budgets, Fixed and Flexible budgets, Zero based budgeting, Problems on budget and budgetary control.

Reading List:

1. Lal Jawahar(201),Advanced Management Accounting,Text, Problems and Cases, S.Chand& Co, New Delhi.
2. Pandy I. M., Management Accounting,Vikas Publication, New Delhi
3. Pillai, R.S.N.Bhagawati, Management Accounting,S. Chand & Company Pvt Ltd, New Delhi
4. Dr. Manmohan Prasad, Principles& Concepts of Cost Management Systems

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(CA)1.4

Subject Name: Strategic Financial Management

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: The purpose of the course is to equip students with the understanding of business finance and Analysis of financial management, which will help organizations to take appropriate business decisions.

Course Outcomes: The successful completion of this course shall enable the students to

1. Understand the basics of financial management
2. Understand the computation of financial statement and analysis
3. Understand the importance of financial statement for decision making
4. Understand the working capital management concepts
5. Understand the various techniques of financial statement analysis
6. Understand the structure of Capital and Capital Budgeting

Units	Course Contents
1	Introduction: Meaning, Definition and objectives of financial management(Profit maximization and wealth maximization),Modern approaches to financial management(Investment, financing and dividend policy decision), finance and its relation with other functions, functions of finance manager
2	Techniques of financial statements: Introduction, objectives of financial statement analysis, various Techniques of analysis, Common size statement, Comparative statements, Trend Analysis, Ratio Analysis, Fund flow statement and cash flow statement.
3	Working Capital Management: Meaning of Working Capital, its components and types, Working capital Cycle, Factors affecting working capital, Estimation of Working Capital requirement, (Total Cost Method and Cash Cost Method), Financing of requirement of Working Capital, RBI guideline on working capital with reference to Tandon Committee and Nayak Committee.
4	Capital Structure and Capital Budgeting Various sources of finance and factors affecting capital structure, Meaning and importance of Capital Budgeting, Concept of Time value of money with reference to various Techniques like IRR, ARR, Payback Period, Discounting Payback period, profitability index, NPV.

Reading List:

1. Khan and Jain, Financial Management, Tata Mc Graw Hills Publishing, New Delhi
2. Prasanna Chandra, Financial Management, Tata Mc Graw Hills Publishing, New Delhi
3. SC Pandy, Financial Management, Vikas Publication
4. Maheshwari, Financial Management, Sultan Chand & Sons, New Delhi
5. Bose Chandra. D, Financial Management, PHI learning Pvt. Ltd, New Delh

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Mandatory (Major) (4 Credits)

Specialization: Banking and Finance(BF)

Subject Code: DC (BF) 1.1

Subject Name: Monetary and Fiscal Policy Analysis

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: Equip students to develop adequate knowledge about Monetary and Fiscal Policies of Bank and also to promote awareness about Monetary and Fiscal policies which bring changes in economy and Industry.

Course Outcomes: The successful completion of this course shall enable the students to

1. To learn about the Monetary and Fiscal Policy of India.
2. Understanding about Budget, Needs and Importance.
3. Understand about the details of Fiscal Policy and Federation.
4. To know the Financial Analysis of India.

Units	Course Contents
1	Introduction Overview of Indian Public Finance System, Revenue - Expenditure Budgets, Trends, Integration, Aims and Objects of Indian Monetary and Fiscal Policies ,Credit monitoring, RBI's Monetary policy - instruments, Urjit Patel committee, Flexible inflation targeting framework mechanism
2	Fiscal Policy Fiscal Policy, Objectives, Interdependence of Fiscal and Monetary Policies, Budget : Meaning and Components, Budgetary Defaults and its Implications, Fiscal deficit -types, Built in Stabilizers and Discretionary Fiscal Policy, Effectiveness, Anti-Inflationary Fiscal Policy, Balanced Budget Multiplier
3	Fiscal Federation Vertical and Horizontal Imbalances, Inter-governmental Grants, Fiscal Federation in India : Constructional Provisions, Assignments of Functions and Sources of Revenue, Finance Commission, Criteria for transfer of Resources and Indebtedness, Fiscal Responsibility and budgetary management Act (FRBM), NK Singh Committee.
4	Economic analysis Factors in domestic and international economy, economic forecasting and stock, inventory decision, types of economic forecasts. Industry analysis Industry classification schemes, classification by product and according to business cycle, key characteristics in industry analysis. Company analysis Sources of information for company analysis (Internal, External) Factors in company analysis, operating analysis

Reading List:

1. Bhatia H. L. Public Finance, 19th Ed, Vikas Publishing House, New Delhi
2. Jha, Ragharendra, Modern Theory of Public Finance, Miley Eastern Ltd., New Delhi
3. Lekhi R. K., Public Finance, Kalyani Publishers, New Delhi
4. Mithani D M, Principles of Public Finance and Fiscal Policy, Himalaya Publishing House, New Delhi
5. Shrivastava P. K., Issues in India Public Finance, New Century Publication, New Delhi
6. Sundaram K. P. M. and K. K. Andley, Public Finance- Theory and Public, S. Chand and Co. Ltd, New Delhi
7. Tyagi B. P., Public Finance, Jai Prakash and Co. Meerut

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (4 Credits)

Subject Code: DC (BF) 1.2

Subject Name: Financial Markets Systems

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: To equip students with the financial system of bank and bring out the importance of financial system. It will also provide in depth knowledge about financial institutions, Instruments and services.

Course Outcomes: The successful completion of this course shall enable the students to

- 1.To understand the Indian Financial System of Banks.
- 2.To know the Financial Markets.
- 3.To know the Role of Financial Institutions in India.
- 4.To learn the different Development of Financial Institutions.
- 5.To learn the various Financial Instrument and Financial Services.

Units	Course Contents
1	Introduction Financial System, Structure, Components of Markets, Institutions, Instruments, Services, Functions, Significance, Development of Financial Sector, Parameters of Development of Financial Sector
2	Financial Markets Capital Market, Money Market, Derivate Markets, Commodity Markets, Characteristics Features, Participants, Instruments and Challenges Primary Market, Role of various entities in primary markets, Concept and study of DRHP (Draft Red Hearing Prospectus), SEBI (ICDR) Regulations Secondary Market- Listing Process, SEBI (LODR) Regulations, Participants in secondary market, Role and Importance of market participants,
3	Financial Institutions in India Banking, Commercial Bank Structure, Problems of Competitors, Interest Rate, Spread of NPAs, Bank Capital, Adequacy norms, Financial Inclusion, Measures and Innovations for Financial Industries, Role of Banks in Financial Markets. SEBI Mandate
4	Development of Financial Institutions Evaluation, Functions, IFCI ,ICICI, IDBI, FC's, LIC ,GIC ,SIDBI, Development v/s Commercial Banking, Universal Banking
5	Financial Instruments Debt, Equity, Hybrid, Innovate Instruments, Mutual Funds, ADRS, GDRs', FCCB, P Notes, IDRS

Reading List:

- 1.L. M. Bhole & Jitendra Mahakud, Financial Institutions and Markets, Structure, Growth & Innovation, McGraw Hills Publications
- 2.Vasant Desai, The Indian Financial Systems and Financial Market Operations, Himalaya Publishing House
- 3.Mykhan, Indian Financial System, McGraw Hills Education (India) Pvt. Ltd.
- 4.H R Machiraju, Indian Financial System, Vikas Publishers House Pvt. Ltd.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(BF)1.3

Subject Name: Banking Operations and Financial Systems

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives:

1. To create awareness about the system and structure of Banking system in India.
2. To inform the students about different facets of lending, credit and financial systems which are practically applied in the banking system

Course Outcomes: The successful completion of this course shall enable the students to

1. To know the organizational structure of different banks
2. To know the principal agent relationship
3. To understand the lending principles of banks
4. To understand different modes of creating security

Units	Course Contents
1	Indian Financial System Overview, Structure and functions of financial systems, Financial Sector Reforms in India, Role of RBI in financial sector, Monetary policy and credit control Commercial banks in India, regulatory environment for commercial banks in India, Core banking
2	Operational Aspects of Commercial Banks in India Relationship B/w Banker and Customer, Types of Customers, Cheque endorsement Presentment, dishonour rights and Liabilities of paying and collecting banks, Time Value of money- Calculation of interest of loans, deposited EMIs, Present value, future value and loan Amortization
3	Lending Operations Various lending options, Working capital assessment, credit monitoring, priority sector advances, agricultural finance, advances to Micro small and medium enterprises, SHGs, Home loans, Personal loans, Consumers loans, procedures for lending operations.
4	Employment of Funds by Commercial Banks Financial statement analysis, types of securities, modes of creating charge, Bank guarantee, Asset-Liability Management, BASEL Norms

Reading List

1. Fundamental of the Indian Financial System- New Challenges, New initiatives
Vasant Desai, Himalaya Publishing House
2. Banking Theory, Law and Practice
E. Gordan, K. Natarajan, Himalaya Publishing House
3. Mykhan, Indian Financial System, McGraw Hills Education (India) Pvt. Ltd.
4. H R Machiraju, Indian Financial System, Vikas Publishers House Pvt. Ltd.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(BF)1.4

Subject Name: Digital Banking and Information Technology

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives:

- 1.To explain the learners about the essentials of banking technology
- 2.To make them aware of the role of technology in banks and their upgradation
- To give them right understanding about application of technology in banks

Course Outcomes: The successful completion of this course shall enable the students to

1. Understand about banking technology and computerization in banks
2. Understand the payment systems and gateways
3. Understand the role of technology upgradation and its impact on banks
4. Understand about the trends in technological development in banks
5. And know about bank security management.

Units	Course Contents
1	Essentials of Bank computerization: Computer systems LANs, Wans, Ups, Core banking Payment Systems and Electronic Banking ATMS, HWAK, OIN, Electromagnetic cards, Electronic banking, Signature, Storage and retrieval system, CTS, Notes and Coins counting machine, NPS, Rupay
2	Role of Technology Upgrading and its impact on Banks: Trends in Technological Development, Role & Uses of Technological upgradation, Global trends impact of IT on Banks
3	Security Consideration: Risk Concern Areas, Types of Threats, Control Mechanism, Computer Audit, ISI Security, IS Audit evaluation requirement
4	Overview of IT Act: Gopal Krishna Committee recommendations, prevent vigilance in electronic banking, Phishing, customer education, safety checks and precautions

Reading List

1. Modern Banking Technology, Firdos Temurasp Shroff, Shroff-Northern Book Centre-New Delhi
2. Technology in Banks, Dr P.K.Khanna, Himalaya Publishing House
3. Modern Banking in India, O.P. Agarwal, Himalaya Publishing House
4. Management of Banks, P.K.Khanna, Himalaya Publishing House
5. Bank credit Management, S. Murali, K.R.SubbaKrishna, Himalaya Publishing House

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

Mandatory (Major) (4 Credits)

Specialization: Digital Marketing & E-Commerce (DM)

Subject Code: DC (DM) 1.1

Subject Name: Digital Business & E- Commerce

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this course is to equip students with the information and knowledge of Digital Business, its usage , application and importance.

Course Outcome: At the end of the curriculum Student will gain Knowledge about

1. Electronic Commerce, Mobile Commerce, IoT Platforms and Social commerce
2. Will know about E-Business Technology
3. Will understand the Digital Payments systems and methods
4. Will have knowledge about various digital applications.

Units	Course Contents
1	Electronic Commerce, Mobile Commerce, Social Commerce, IoT Definition, Benefits, Limitations, Ecommerce Platforms, Impact of E-Commerce on Business, government, customer and society. E-Business, E-Markets, Electronic Storefronts, Types of e-transactions – B2B, B2C, C2C, C2B, Business Models. Affiliated and Hybrid Models. Digital Economy, Enterprise and online Communities. Mobile & Social Commerce - Meaning, Attributes, Applications and Benefits to customers, retailers, employees. Social Collaboration and its essentials. Concepts of Internet of Things(IoT) and its applications.
2	The E-Business Technology and E Security Understanding Networks - routing, switching and protocols, Web Presence – domain registration, website development and hosting, Web server hardware and software; Data centre services, Security – service providers, digital certificates, encryption, SSL, Digital signatures.
3	Digital Payments Smart Cards, Stored-Value Cards, EC Micropayments, Payment Gateways, Mobile Payments, Digital and Virtual Currencies, Security, Ethical, Legal, Privacy, and Technology Issues.
4	Digital Business Applications Electronic Retailing, E-Tailing, Social Shopping, Fintech: E-Banking, Mobile Banking, Pure Virtual Banks, Insurance, and Stock Trading, Other Mobile Finance Applications. Digital Government: Government-to-Citizens, Government-to- Business, Government-to-Government, Government-to-Employees Models. E Learning, E-Training, and E-Books, Distance Learning and Online Universities, Online Corporate Training, E-Learning Management Systems. Online Travel and Tourism, E-Employment: Online Job Market, Social Networks Based Job Markets, Social Recruiting, Virtual Job Fairs and Recruiting Events, E-Health, Electronic Medical Record Systems (EMR), Doctors' System, Patients Services, Medical Devices and Patients Surveillance. Entertainment, Media & Gaming: Service Industry Consumer Applications. Digital Products, Internet TV and Internet Radio, Social Television (TV) Mobile Entertainment, Mobile Marketing, Mobile Streaming Music and Video Providers, Entertainment in Cars; Gaming - Mobile Games, Social Games and Gamification, Business of Social Games, Educational Social Games; Mobile

Reading List :-

- Introduction to E Commerce & Social Commerce, Turban E , Whiteside J , King D, Outland J Springer
- E-Business and E-Commerce Management- Strategy, Implementation and Practice, Dave Chaffey, Pearson Education.
- Electronic Commerce – A Managerial Perspective, Efraim Turban, David King, Dennis Viehland, Jae Lee, Pearson Education.
- E-Commerce: Strategy, Technologies and Applications Paperback – 2001 by David Whiteley
- E-Commerce: An Indian Perspective Paperback – Import, 30 Nov 2015-by P. T. Joseph
- One Click: Jeff Bezos and the Rise of Amazon.com Kindle Edition- by Richard L. Brandt

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (4 Credits)

Subject Code: DC (DM) 1.2

Subject Name: Fundamental of Marketing

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: To equip students with the information and knowledge about marketing environment, Digital Marketing and E-Commerce and Consumer Behaviour.

Course Outcome: At the end of the curriculum Student will gain Knowledge about

1. The scope of Marketing
2. About Marketing Environment
3. Segmentation, Target Marketing & Positioning
4. Consumer Behavior and Marketing Mix

Units	Course Contents
1	Introduction: Definition & Functions of Marketing- Scope of Marketing, Core concepts of marketing – Need, Want, Demand, Customer Value, Exchange, Customer Satisfaction, Customer Delight, Customer loyalty, Concepts of Markets, Marketing V/S Market Competition, Key customer markets, market places, market spaces, Meta-markets, Digital Markets, Brick & Click Model.
2	Marketing Environment Concept of Environment, Macro Environment & Micro Environment – Components and characteristics, Needs & Trends, Major forces influencing the Macro Environment & Micro Environment, need for analyzing the Marketing Environment. Analyzing the Political, Economic, Socio-cultural, Technical and Legal Environment. Demographics.
3	Segmentation, Target Marketing & Positioning Segmentation - Concept, Need & Benefits. Geographic, Demographic, Psychographic, Behavioral bases of segmentation for consumer goods and services. Target Market - Concept of Target Markets and criteria for selection. Segment Marketing, Niche & Local Marketing, Mass marketing, Long Tail Marketing. Positioning - Concept of differentiation & positioning, Value Proposition & Unique Selling Proposition.
4	Consumer Behavior & Marketing Mix Meaning & importance of consumer behavior, Comparison between Organizational Buying behavior and consumer buying behavior, Buying roles, Five steps consumer buyer decision process, Problem Recognition, Information Search, Evaluation of Alternatives, Purchase Decision, Post Purchase behavior. Moment of Truth, Zero Moment of Truth, ZMOT, Moderating effects on consumer behavior. Concept of Marketing Mix, 7P's - Product, Price, Place, Promotion, People, Process, Physical evidence.

Reading List:

- Marketing Management, Philip Kotler, Kevin Lane Keller, Abraham Koshy, Mithileshwar Jha, Pearson
- Marketing Management, Rajan Saxena, TMGH
- 3. Marketing, Lamb Hair Sharma, Mc Daniel, Cengage Learning
- Principles of Marketing, Philip Kotler, Gary Armstrong, Prafulla Agnihotri, Ehasan Haque, Pearson 2.
- Marketing Management- Text and Cases, Tapan K Panda, Excel Books
- Marketing Management, Ramaswamy & Namakumari, Macmillan.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(DM)1.3

Subject Name: Basics of Digital Marketing

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: To equip students with the information and knowledge of Digital Marketing, Website Planning, SEM, SEO, E-mail marketing, Mobile Marketing, Video Marketing and Affiliate Marketing.

Course Outcomes: The successful completion of this course will enable the students:

1. To Understand the basics of Digital marketing
2. Know how to design and plan a website
3. Get exposed to email, mobile, video and affiliate marketing.

Units	Course Contents
1	Introduction: Digital Marketing- Meaning and Process. Visibility Meaning, Types. Visitors' Engagement- Meaning, importance & Examples. Bringing Targeted Traffic- Inbound and outbound marketing. Converting Traffic into Leads, Types of Conversion & Conversion Process tools. Role of Digital Marketing in increase in sales, competitive analysis
2	Digital Marketing, Website Planning, SEM, SEO: Difference- Traditional marketing and Digital marketing. Benefits and challenges. Tools for effective Digital Marketing. Brand awareness, credibility and delivery among consumers through internet. Understanding domain names & extensions. Different types of websites based on functionality, purpose planning & conceptualizing. SEM in digital marketing - Need & Types. Introduction to SEO- Benefits and Challenges. Difference between SEO and SEM.
3	E-Mail Marketing, Mobile Marketing And Affiliate Marketing – Email marketing- Meaning, Basics, Types and benefits. Mobile Marketing- Definition & Types. Introduction to Affiliate Marketing- Need & Skills required.
4	Video Marketing And Blogging: Introduction to Video Marketing, Types, Strategy, Need, Benefits and Challenges. Blogs- Meaning, Importance, Issues and Challenges. Case Studies on digital Marketing

Reading List :-

Fundamentals of Digital Marketing – Puneet Bhatia

Digital Marketing: From Fundamentals to Future Swamithan T N, Karthik Kumar

Digital Marketing: Strategy, Implementation and Practice, Chaffey D., Ellis-Chadwick, 5th Edition, F., Pearson, 2012.**List of Learning Activities and Allocation of Periods**

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Mandatory (Major) (2 Credits)

Subject Code: DC(DM)1.4

Subject Name: Web Designing and Content Management Systems

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: Is to equip students with the knowledge of Basics in Web Designing and knowledge about Content Management Systems.

Course Outcomes: The successful completion of this course will enable the students:

1. With the knowledge of website planning and development
2. Understand Content Management using Plug-ins.

Units	Course Contents
1	Website Planning & Development Types of Websites : Website-Meaning & Types of websites. Phases of website development: Prerequisites, Defining the website objective, Understanding Target Audience, and Selection of Keywords. Number of Website Pages and Website Blueprint
2	Website Planning & Development, Keywords Selection Process Keywords: Definition, Significance, Types of keywords- Primary, Sub-Primary Keywords, Secondary & Sub- Secondary Keywords. Sources of Keywords- Business, Customers, Competitors. Keyword Suggestion tools. Understanding Domain Name and Web Hosting: Domain Name-Definition, Types & Process of Buying. Choosing the right Domain name, Understanding and Registration. Definition of Web Hosting, Process and Registering domain name with a hosting provider. Changing of Domain Name Servers.
3	Content Management System & Wordpress Meaning, Use. Building Websites Using WordPress / blog : Creating a WordPress Site (Installing WordPress), Logging into the WordPress Admin & General Site Settings, Enabling Writing Posts & Formatting Texts, Publishing a Post(Making it Live) Adding read more link to a Post, Creating Links(Hyperlinks), Adding Image & Managing Media Library, Adding an Image Gallery, Adding Video. Making & Publishing Pages, Menus, Installing Themes Customizing theme appearance, Changing the template Layout for a Page or a Post
4	Using WordPress Plug-ins Understanding WordPress- Themes, Plug-ins, adding sliders, pages, Using Under construction mode website, Making website effective by Inserts- Logo, Icon Box, Image & text and Video elements. Creation of Contact forms. Linkages, Essential Add-ons, Making changes for responsive view Security Policy.

Reading List :-

1. Hour Word Press 2020, by Dr.Andy Williams (20th January 2020)
2. Absolute Beginners Guide To Building Word Press Sites: A Visual Step By Step Guide To Learn Word Press Web design, by Emmanuel Arom (19th April 2013).

3. Word Press in easy steps: Web development for beginners.by Darryl Bartlett.(17th March2015).
4. Word Press For Beginners: A Visual Guide to Building Your Word Press Site, by Nathan George. (27thMarch 2017)
5. WordPress for Dummies (9th Edition) by Lisa Sbin-Wilson(6thJAnuary2021)
6. Internet and Web Design Based on DOEACC III Revised syllabus ‘O’ Level Mac Millan India Ltd.
7. Teach Yourself HTML 4 in 24 Hours By Dick Oliver (Tech media) 4th edition
8. The Complete Reference JavaScript By Thomas Powell & Fritz Schneider 2nd Edition.
9. Introduction to Internet and HTML Scripting By Bhaumik Shroff, Books India Publ.

Reference Books :

- a. HTML and CSS By Dick Oliver and Michael Morrison (Pearson Education) 7th edition
- b. HTML, DHTML, JavaScript, Perl CGI By Ivan Bayross(BPB) 3rd Edition
- c. CSS By Kynn Bartlett(Pearson Education)2nd Edition
- d. Introduction to Internet & HTML Scripting By Bhaumik Shroff Books India Publication 3rd Edition.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Mandatory (4 Credits)

Subject Code: DC 1.5

Subject Name: Research Methodology and Analysis

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of the course is to acquaint students with the process and techniques of conducting research. The course is expected to train the students to plan and execute the research studies in business.

Course Outcomes: The successful completion of this course shall enable the students to

1. To describe the meaning and role of Business Research.
2. To formulate the research problem and understanding the major research designs.
3. To determine data sources and learn the art of designing a questionnaire.
4. To understand various sampling techniques and data collection methods and fieldwork.
5. To train students in data analysis using various techniques
6. To learn presentation of the results.

Units	Course Contents
1	Conceptual Understanding about Research: Meaning of Research ,Objectives, Significance, Types, Research Process, Criteria of Good Research, Research Process, Problems encountered while doing Research, Business Research, Importance of Business Research, Scope of Business Research
2	Research Problem and Research Design: Defining Research Problem, Formulating research problem; Developing research proposal ,research objectives, research hypotheses, information needs; Determining research design, Types of Research Design in Social Science Research
3	Methods of Data Collection: Secondary Data Collection, Primary Data Collection, Observation Method, Interview Method, Data Schedules, Questionnaire, Selection of Appropriate Methods of Data Collection, Prerequisites of Data Collection
4	Sampling and Scale: Sample and Sampling Techniques, Probability and Non-Probability Sampling, Defining universe; Determining sampling frame, sampling unit, sampling method and sample size
5	Report Writing: Writing a Research Report, Qualities of good report, Significance of Report Writing, Layout of Report, Contents of Report, Caution in writing a good research report

Reading List:

1. Cooper, D. R. & Schindler, P. S. (2003). Business Research Methods. Boston, Mass.: McGraw-Hill/Irwin
Unit(s): I, II, III, IV and V
2. Greene, W. H. (2017). Econometric Analysis. Pearson Pvt. limited
Unit(s): III and V
3. Wooldridge, J. M. (2001). Econometric Analysis of Cross Section and Panel Data. MIT Press, USA.
Unit(s): III, and V

4. Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin (2013). Business Research Methods. Cengage Learning limited
Unit(s): I, II, III, IV and V
5. B.L.Kothari, Research Methodology-Tools and Techniques, ABD Publishers, Jaipur

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Electives (Any One) (4 Credits)

Subject Code: DC 1.6

Subject Name: Indian Economy Structure and Policies

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this paper is to equip students with information relating to Indian Economy and its Problems.

Course Outcomes: The successful completion of this course will enable the students:

1. To understand Indian Economy.
2. To understand the Problems of Indian Economy.
3. Learn various measures taken by Government of India.
4. Understand the Factors affecting the progress of Indian economy.

Units	Course Contents
1	Introduction: Overview of Indian Economy, Types of Economy, Sectors of the Economy, Issues and Problems of Indian Economy, Institutions and policy framework, Planning in India
2	Population and Human Development: Demographics, Trends, size, growth, sex composition, age composition, Demographic Dividend, Inequality and Unemployment, Human Development, Concept, Need, HDI Index, HDI ranking versus income ranking
3	Problems of Agriculture in India: Overview of the Agricultural Sector, Green revolution, Phases. Food security and PDS. Sustainable agriculture. Von Thunen Theory of Agriculture, Government of India schemes on agriculture, Agri-Business.
4	Problems of Industry and Infrastructure: Overview of Industrial Sector, Scenario since Industrial Policy of 1991, Public Sector Enterprises and problems, MSME, Ease of doing business Index, PPP. Power sector, Automobile, Communication
5	Problems of Service Sector: Social Infrastructure, Overview of Service Sector, Banking & Insurance, Education and Health

Reading List:

1. Datta and Sundharam, Indian Economy; S. Chand, New Delhi
2. S. K. Mishra and V. K. Puri, Indian Economy. 2nd Edition, 2008. S. Chand, New Delhi
3. Curry Jeffrey Edmund, International Economics; 3rd Edition, Himalaya Publishing House, New Delhi
4. Francis Cherunilum, Business Environment; Himalaya Publishing House, New Delhi
5. Aswathappa, Business Environment; Himalaya Publishing House, New Delhi
6. Ghosh, Economic Environment of Business, Taxman Publication

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Electives (Any One) (4 Credits)

Subject Code: DC 1.6

Subject Name: Statistical Methods for Business Research

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this paper is to equip students with some of the important statistical techniques for business research and provide guideline for analytical tools used in research.

Course Outcomes: The successful completion of this course shall enable the students to

1. Develop an understanding about probability and its rule.
2. Understand the different sampling techniques used in research.
3. Learn various applications used in Parametric and Non Parametric Tests.
4. To understand correlation and regression.
5. To understand Time series and Index numbers.

Units	Course Contents
1	Sampling and Sampling Considerations: Sampling Concepts, Sampling and Non-Sampling(Probability Sampling and non-probability sampling), Techniques of Sampling, Sample Size, Sample size determination, Sampling errors
2	Hypothesis Testing: Hypothesis, Need for hypothesis, Conditions of hypothesis, t -Test, F-test, Z Test, One and two tailed ANOVA.
3	Correlation and Regression: Association of Attributes, Meaning, Calculation of Q, Correlation, Karl-Pearson's co-efficient of correlation, Rank correlation, Regression, Use of regression, Liner regression
4	Analysis of Time Series and Index Numbers: Meaning, Utility of time series analysis, Methods of measuring trends with merits and limitations, methods of measuring, seasonal variation, least square, moving averages and Index numbers

Reading List:

1. Levin R.I and Rubin D.S. (1997), Statistics for Management, Prentice Hall of India,
2. S. C. Gupta & V. K. Kapoor, Statistical Methods, Sultan Chand and Sons
3. S. C. Gupta, Fundamentals of Statistics, Himalaya Publishing House
4. T. N. Shrivastav, Statistics for Management, Tata McGraw Hills Company
5. Bharat Jhunjunwala, Business Statistics, S. Chand

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Electives (Any One) (4 Credits)

Subject Code: DC 1.6

Subject Name: Selling and Negotiation Skills

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this paper is to equip students with the knowledge and information on Selling and Negotiation Skills.

Course Outcomes: The successful completion of this course shall enable the students to

1. Understand the basics of selling and negotiation skills
2. Know Pre-selling work and Selling in Action
3. Understanding objects in handling
4. Sales Conversion, Negotiation and Closures

Units	Course Contents
1	<p align="center">Basics of Selling:</p> <p>Importance of Selling. Role in the context of organization – survival and growth. Types of Selling -Different in selling situations, New business versus service selling, Newton’s classification of sales types, McMurry & Arnold’s classification of selling types, Consumer indirect selling, Industrial selling, Missionary, Sales Team/group selling Merchandising, Tele sales, Franchise selling, International selling.</p>
II	<p align="center">Pre-Selling Work:</p> <p>Attributes of a Good Salesperson, product, Competition, organization, market, customer, territory; Fear Factor in Sales. Maximizing Productivity in a Sales Role, Meetings and Your Time, The Telephone - Social Media & Online Data Bases as a Sales Tools, Developing Your Script, Mailers, Pre-Call Planning, Generating Appointments.</p> <p align="center">Selling in Action:</p> <p>Identifying Key Individuals – Prospecting, Influencers and Decision Makers, talking to the Right Individuals, making that Good First Impression, Honesty and Integrity.</p>
III	<p align="center">Objection handling:</p> <p>Analyzing the Reasons for Objections, Seeing What We Can Do, Listen - Probe - Advise (L-P-A), Exercise: Objection Handling, Uncovering Objections, Seven Types of Objections, Turning Objections into Selling Opportunities. Selling Techniques: Cross Selling, Up Selling, Value Added (Suggestive) Selling, Advancing Opportunity, Exceeding Customer Expectations, Giving Recognition.</p>
IV	<p align="center">Sales Conversation, Negotiation & Closure:</p> <p>Starting a Quality Prospecting Conversation, Listeners Control Conversations, Trial Closing, Creating an Opportunity: Situation vs Problem Questions, Difficulty Questions, Negative and Positive Answer Questions, Directive Questions, Rhetorical Questions. Problems with Positional Bargaining, Opening Up the Negotiation, Approaches to Better Negotiation, You Have Alternatives, Reverse Psychology in Negotiation. Sales Proposals: How to Construct a Sales Proposal, Important Factors to Consider, Putting It All Together</p>

Reading List :-

1. Selling & Sales Management, Geoffrey Lancaster & David Jobber, Macmillan India Ltd.
2. Negotiation: Communication for diverse settings, Michael L Spangle and Myra Isenhardt, Sage South Asia Edition.
3. The Sales Bible: The Ultimate Sales Resource, Jeffrey Gitomer, Wiley India
4. How to win friends and influence People, Dale Carnegie
The Art of Closing the Sale, Brian Tracy, Pearson Education.
5. Sales Management, Bill Donaldson, Palgrave Publications
6. You can negotiate anything, Herb Cohen
7. Managing Sales Leads, Crocker and Obermayer, American Marketing Association

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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M.Com Year 1 Semester II –Level 6

Mandatory (Major) (4 Credits)

Specialization: Corporate Accounting and Financial Management(CA)

Subject Code: DC (CA) 2.1

Subject Name: Financial Services

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this paper is to equip students with the knowledge of Financial Services

Course Outcomes: The successful completion of this course shall enable the students to understand

1. Different financial services offered
2. Types of fund based financial services
3. Types of fees based financial services.

Units	Course Contents
1	Financial Services: Introduction to Financial Services. Nature of Financial Services. Scope of Financial Services. Types of Financial Services. Fund Based Financial Services. Fee Based Financial Services financial engineering, need for innovation, new financial products and services, an overview of Indian financial services sectors scenario
2	Leasing and Hire Purchase: Leasing: Meaning and Types of Leasing. Legislative Frameworks related to leasing. Depreciation implacability with reference to Leasing. Problems on Leasing with Tax imposition. Introduction to Hire Purchasing. Concept and features of Hire Purchase. Tax and depreciation implication. Problems on Hire Purchase.
3	Credit Rating and Securitization of Debt: Meaning and Process of Credit rating of financial instruments. Rating methodology. Introduction to various Rating Agencies. Rating Symbols of different companies. Securitization of Debts- Meaning and Features. Special Purpose Vehicle, Pass through certificate and mechanism. Benefits of Securitization. Issues of Securitization.
4	Depository Services and Mutual Funds: Depository services: Role and Advantages of the Depository system, NSDL and CDSL, Depository participants and their roles. Stock broking services including SEBI guidelines. Mutual Fund: Structure of Mutual Funds, Types of Mutual Funds, Exchange Traded Funds, Hedge Funds and Advantages of Mutual Funds, Accounting Aspects and Performance Evaluation of Mutual Funds and Regulations.
5	Factoring and Forfeiting, Credit Cards and Venture Capital Finance: Factoring: Types, Mechanism, Advantages and Disadvantages of Factoring. Forfeiting: Types, Mechanism, Advantages and Disadvantages of Forfeiting. Operational Procedure related with the working of Credit Card mechanism. Advantages and Disadvantages of Credit Cards. Procedure to obtain Venture Capital Finance Importance and advantages of Venture Capital Finance

Reading List:

Text Books:

1. Bharti Pathak “Indian Financial System”, Pearson Education.
2. M.Y.Khan “Financial Services”, Tata McGraw Hill.
3. SEBI Manual, Taxman.
4. RBI Manual, Taxman.
5. Meir Kohn, Financial Institutions and Markets, Tata McGraw Hill.

Reference Books:

1. Machiraju H.R “Indian Financial System”, Vikas Publishing House Pvt. Ltd.
2. L.M.Bhole, “Financial Institutions and Markets”, TMH.
3. Various manuals and guidelines issued by Financial Institutions.

Websites:

1. www.rbi.org.in

2. <https://nptel.ac.in/courses/110/105/110105073/> **List of Learning Activities and Allocation of Periods**

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC (CA) 2.2

Subject Name: Financial Risk Management

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this subject to familiarize students with the Concepts and Approaches of Managing Corporate Finance. To make students understand the various risks in Business and their Impact on Business Operations.

Course Outcome:

1. To learn about various issues with effect businesses.
2. To understand how to assess risk and Central Risks.
3. To knowledge about Derivations and Options.

Units	Course Contents
1	Introduction to Risk Management Objectives of Risk Management, Risk Management Process, Identifying and Evaluating Potential Losses, Selecting Appropriate Techniques for Treating Loss Exposure, Risk Financing, Implementing and Administering Risk Management Program, Personal Risk Management, Loss Forecasting.
2	Risk Assessment Analysis, Evaluation, Risk Control and Treatment, Risk Reduction, Transfer and Sharing of Risk, Elimination and Retention of Risk.
3	Commercial Risk Management Applications Different Policies and Contracts, Business Liability and Risk Management Insurance, Workers' Compensation and Risk Financing, Personal Risk Management, Applications, Property, Liability, Risk Management for Auto Owners, Risk Management for Homeowners
4	Derivatives Defined, Products, Development of Exchange Traded Derivatives, Global Derivatives Markets, Exchange Trade vs. OTC Derivatives, Derivatives Market In India, Options, Development Of Options Markets , Call Options , Put Options , Organized Options Trading , Listing Requirement , Contract Size , Exercise Prices, Forward Contracts, Futures Contracts , Structure of Forward & Futures Markets Development of Futures, Markets , Organized Futures Trading , Futures Exchanges Futures Traders

Reading List:

1. Robert E. Hoyst, Risk management and Insurance, Thomson Asia Pvt. Ltd. Singapore 2002.
2. Insurance Act, latest
3. Arthur C Williams, Risk Management and Books Insurance, 8th Ed. McGraw Hill, 1998
Recommended
4. Don M. Chance, An Introduction to Derivatives & Risk Management, 5th edition, Harcourt Publishers, USA
5. John C. Hull, Options, Futures & Other Derivatives, 3rd edition, Prentice Hall of India, New Delhi
6. Derivatives Core Module Work Book, NCFM, Study Material, NSE, Mumbai

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC(CA)2.3

Subject Name: International Financial Reporting Standards (IFRS)

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: The objective of the course is to develop the knowledge and information of students on various provisions of IFRS. It will help students know how IFRS is applied and practical.

Course Outcomes:

1. To Learn about IFRS
2. To understand Corporate Financial Reporting Standards.
3. To understand share based payments.
4. To know about the International Financial Reporting Standards.

Units	Course Contents
1	Introduction Meaning, Objectives, Scope, Authority, Significance, Limitations, Relevance, Merits and Challenges of IFRS, List of IFRS, Due Process, Timing of Applications of International Financial Reporting Standards, Interpretation of Committee Financial Statement as per US GAAP, Difference between Existing Accounting Standards and IFRS. Adoption of IFRS versus Convergence of IFRS.
2	Account of Groups Concept of Group, Need for Consolidated Financial Statement, Pre-penalties of Consolidated Financial Statement, Financial Policies Statement, Treatment of Pre-acquisition Profit, Goodwill Arising on Consolidated Accounts, Goodwill of Non Controlling Interest at Fair Value, Illustration, Exercises
3	Disclosure Standards Related Party Disclosure, Earning Per Share, Interim Financial Reports, Operating Segments.
4	Share Based Payment Meaning, Equity Selected Transactions, Transaction with Employees and non employees, Financial Reporting by Mutual Banker, Stock and Commodity Market intermediaries, Valuation, Concept of Valuation, Development in Financial Reporting, Value Added Statements

Reading List:

1. International financial reporting standards (IFRSs), Published by Taxmann Publications Pvt. Ltd.
2. A guide through International Financial Recommended Reporting Standards, July 2008
Published by IASB
3. Gosh, T.P., Indian Accounting Standards and IFRS
4. Price water house Coopers LLP and Published by CCH
5. Jagdish R. Raiyani& Gaurav Lodha, International Financial Reporting Standards (IFRS) and Indian Accounting Practices, New Century Publications.
6. Dr. B. Mariyappa&Vikram G B, International Financial Reporting Standards, Himalaya Publishing House
7. Subashree, Yashaswini&PremaLatha, International Financial Reporting Standards, Himalaya Publishing House

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Subject Code: DC(CA)2.4

Subject Name: Security Analysis and Portfolio Management

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives:

To equip the students with essential tools, techniques, models and investment theory necessary for analyzing different types of securities, making sound investment decisions and optimal portfolio choice.

Course Outcomes:

1. Understand the Investment Environment.
2. Learn the various alternatives for investment.
3. Understand Risk and Returns and Security Analysis.
4. To understand Portfolio Analysis and Management.

Units	Course Contents
1	Introduction: Nature and Scope of Investment Decisions Definitions, Nature, Process, Objectives and Policy, Security Analysis, Portfolio Construction, The Investment Environment, Financial Intermediaries, Investment versus speculation, Investment versus Gambling, Factors Influencing selection of Investment, Risks in Investment, Investment Alternatives, Types of Investors, Errors in Investment Management.
2	Alternative Investment Outlets Avenues of Investments- Equity shares, Bonds of Preference Shares, Investment Instrument of the Money Market, Social Security Fund, Hybrid investments, Non-securing firm of investment, Government Security, Bulletin ,Gold ,silver- platinum Bond and Preference valuation and Analysis ,Three Step ,Valuation process ,equity shares valuation and Analysis ,Equity valuation models ,Dividend valuation model, Model Based on Price Ratio Analysis, Constant Growth Model
3	Risk and Return, Security Analysis Introduction, Risk defined, measurement of risk, Risk and expected Return, Risk ,Return Relationship, Portfolio and Security Return, Portfolio Diversities, Return and Risk of Portfolio, Benefits of Diversities, Economic Analysis, industry Analysis, Company Analysis and Technical Analysis
4	Portfolio Analysis and Management Portfolio Analysis, Risk and Return, Portfolio ,Selection, Capital Market Theory, Portfolio Revision, Performance Evaluation of Portfolio, Forecasting of Portfolio Performance, Portfolio Management

Reading List:

1. Sudhindra Bhat, Security Analysis and Portfolio Management, Excel Book
2. V. A. Avadhani, Securities Analysis and Portfolio Management, Himalaya Publishing House
3. Security Analysis and Portfolio Management, CENGAGT Learning
4. Alex K. Mathures, K. Sasidharan, Security Analysis and Portfolio Management, Tata McGraw Hills Education Private Limited
5. Suyash N Bhatt, Security Analysis and Portfolio Management, biztantra

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Specialization: Banking and Finance(BF)

Subject Code: DC (BF) 2.1

Subject Name: Financial Services

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this paper is to equip students with the knowledge of Financial Services

Course Outcomes: The successful completion of this course shall enable the students to understand

1. Different financial services offered
2. Types of fund based financial services
3. Types of fees based financial services.

Units	Course Contents
1	Financial Services: Introduction to Financial Services. Nature of Financial Services. Scope of Financial Services. Types of Financial Services. Fund Based Financial Services. Fee Based Financial Services financial engineering, need for innovation, new financial products and services, an overview of Indian financial services sectors scenario
2	Leasing and Hire Purchase: Leasing: Meaning and Types of Leasing. Legislative Frameworks related to leasing. Depreciation implacability with reference to Leasing. Problems on Leasing with Tax imposition. Introduction to Hire Purchasing. Concept and features of Hire Purchase. Tax and depreciation implication. Problems on Hire Purchase.
3	Credit Rating and Securitization of Debt: Meaning and Process of Credit rating of financial instruments. Rating methodology. Introduction to various Rating Agencies. Rating Symbols of different companies. Securitization of Debts- Meaning and Features. Special Purpose Vehicle, Pass through certificate and mechanism. Benefits of Securitization. Issues of Securitization.
4	Depository Services and Mutual Funds: Depository services: Role and Advantages of the Depository system, NSDL and CDSL, Depository participants and their roles. Stock broking services including SEBI guidelines. Mutual Fund: Structure of Mutual Funds, Types of Mutual Funds, Exchange Traded Funds, Hedge Funds and Advantages of Mutual Funds, Accounting Aspects and Performance Evaluation of Mutual Funds and Regulations.
5	Factoring and Forfeiting, Credit Cards and Venture Capital Finance: Factoring: Types, Mechanism, Advantages and Disadvantages of Factoring. Forfeiting: Types, Mechanism, Advantages and Disadvantages of Forfeiting. Operational Procedure related with the working of Credit Card mechanism. Advantages and Disadvantages of Credit Cards. Procedure to obtain Venture Capital Finance Importance and advantages of Venture Capital Finance

Reading List:

Text Books:

1. Bharti Pathak “Indian Financial System”, Pearson Education.

2. M.Y.Khan “Financial Services”, Tata McGraw Hill.
3. SEBI Manual, Taxman.
4. RBI Manual, Taxman.
5. Meir Kohn, Financial Institutions and Markets, Tata McGraw Hill.

Reference Books:

1. Machiraju H.R “Indian Financial System”,Vikas Publishing House Pvt. Ltd.
2. L.M.Bhole,”Financial Institutions and Markets”,TMH.
3. Various manuals and guidelines issued by Financial Institutions.

Websites:

1. www.rbi.org.in
2. <https://nptel.ac.in/courses/110/105/110105073/>

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC (BF) 2.2

Subject Name: Financial Risk Management

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this subject to familiarize students with the Concepts and Approaches of Managing Corporate Finance. To make students understand the various risks in Business and their Impact on Business Operations.

Course Outcome: The successful completion of this course shall enable the students to understand

1. To learn about various issues with effect businesses.
2. To understand how to assess risk and Central Risks.
3. To knowledge about Derivations and Options.

Units	Course Contents
1	Introduction to Risk Management Conceptual framework of Risk, Meaning and Objectives, Identifying and Evaluating Potential Losses, Risk versus Uncertainty, Classification of Risk – Financial and Non- financial Risks & Static and Dynamic Risk, Scope of risk management, Process, Identification and Risk Control
2	Risk Assessment Analysis, Evaluation, Risk Control and Treatment, Risk Reduction, Transfer and Sharing of Risk, Elimination and Retention of Risk.
3	Commercial Risk Management Applications Different Policies and Contracts, Business Liability and Risk Management Insurance, Personal Risk Management,
4	Derivatives Introduction to Derivate Market, , Exchange Trade vs. OTC Derivatives, Derivatives Market In India, Options, Development Of Options Markets , Call Options , Put Options , Organized Options Trading , Listing Requirement , Contract Size , Exercise Prices, Forward Contracts, Futures Contracts , Structure of Forward & Futures Markets Development of Futures, Markets , Organized Futures Trading , Futures Exchanges Futures Traders and Global Derivatives Markets
5	Banking Risks Credit, Liquidity, Market, Operational, Interest Rate, Solvency. ALM by Banks: Classification of Assets, GAP Analysis Asset Reconstruction Company, Capital adequacy norms, RBI guidelines on risk management, credit risk models, credit risk transfer- securitization, loan sales, covered bonds and credit derivatives and operational risks in banks.

Reading List:

1. Robert E. Hoyst, Risk management and Insurance, Thomson Asia Pvt. Ltd. Singapore 2002.
2. Insurance Act, latest
3. Arthur C Williams, Risk Management and Books Insurance, 8th Ed. McGraw Hill, 1998
Recommended
4. Don M. Chance, An Introduction to Derivatives & Risk Management, 5th edition, Harcourt Publishers, USA

5. John C. Hull, Options, Futures & Other Derivatives, 3rd edition, Prentice Hall of India, New Delhi
6. Derivatives Core Module Work Book, NCFM, Study Material, NSE, Mumbai

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC(BF)2.3

Subject Name: Banking Management

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: To equip students about on understanding of how Bank Management their Risk. This will cover a wide range of Banking Activities.

Course Outcomes: The successful completion of this course shall enable the students to understand

1. Know the organizational Structure of Banks.
2. Under the Banking Regulations
3. Under the concept of Interest Rate Risk Management in Banks.
4. Issues in Bank Management.

Units	Course Contents
1	The Banking System in India Development of Banks, Organizational Structure of Banks, Organization of Banks, Banking Regulations, Evaluation of Commercial Banks in India, Banking Innovation
2	Managing Risk in Bank Insolvency and Bankruptcy Code 2016, Managing Risks in Banks, Interest Rate Risk Management in Banks, Credit Risk Management in Banks, Liquidity Management in Banks, Operational Risk Management in Banks, Machete Risk Management in Bank.
3	Banking Operations Major Operations of Banks, Bank recapitalization, Credit Management, Marketing of Banking Services, Customer Services in Banks, Public Relation in Banks, Lending Principle of Banks, Different Modes of Creating Securities, Investment Banking and other services, Capital Adequacy of Banks
4	Financial Aspects of Banks Section 29 of Banking Regulation Act 1949, Balance sheet of Banks, Sources and Uses of Funds in Bank, Fee Based and off Balance sheet Activities securitization: Bank earnings & Bank Performance, Problem in Bank, Bank failure, BASEL Norms - Basel 1, 2, 3. RBI and its policy evolution

Reading List:

1. Kanhaiya Singh, Vinay Dutta, Bank Management, McGraw Hill
2. Khan M, Indian Financial System, Tata McGraw Hills
3. Bharati V. Pathak, Indian Financial System, Pearson Publication
4. Vasant Desai, Bank Management, Himalaya Publishing House
5. H. Y. Kulkarni, Indian Financial System in the World Monetary Order
6. Benton E. Gap, James W. Koalri, Commercial Banking the Management of Banks, Wiley India Education

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Subject Code: DC(BF)2.4

Subject Name: International Banking

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: To equip students with an overall knowledge about Banking system all over the world.

Course Outcomes: The successful completion of this course shall enable the students to understand

1. To know about International Banking and its Operations
2. To learn the Banking Systems of other nations
3. To Know about various International financial institutions
4. To learn important case studies in international banking

Units	Course Contents
1	Introduction International Banking, Characteristics and Importance of Money Market, Developed and Less Developed Money Market, Market comparison of Indian Money market to other markets in the world. Indian Monetary System
2	Banking System in the other Nations Major currencies of the world and their values USA: Federal Reserve Systems, Europe: Bank of England, Asia: Banking Systems in China and Japan - Origin, Working and Operations
3	International Financial Institutions World Bank, Asian Development Bank-Functions, Structure and Working; IMF, IBRD, IDA, IFC, BRICS- Functions, Structure and Working
4	Case Study Cases related to International Banking (Lehman Brothers Crisis; Asian Financial Crisis; Euro – a single currency concept)

Reading List:

1. Sayers R.S.-Modern Banking
2. Basu S.K.-Contemporary Banking Trends
3. SaxsenaK.B.-International Banking: Banking Theory and Principal Banking Systems
4. Machenize K-Banking Systems of Great Britain, French, Germany and U.S.A.
5. Goswami V.K.-International Banking

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Specialization: Digital Marketing and E-Commerce(DM)

Subject Code: DC(DM)2.1

Subject Name: Social Media Marketing

Credits: 4

Marks: 100

Instructions Hours: 48

Course objective:

To enlighten student with the information and knowledge of Social media marketing, its usage , application and importance

Course Outcome:

At the end of the curriculum Student will gain Knowledge about

- Need and Importance of social media marketing
- Knowledge about Social Networking Sites
- Knowledge about Content designing about social media platforms
- Knowledge about Matrices of Social media marketing

Units	Course Contents
1	Introduction: Social Media Marketing Definition, Meaning , Role, Need and Importance of Social Media Marketing Use of different Social media platforms- Use of Face book , LinkedIn , Twitter , YouTube , Instagram and other Social Networking sites as Social media marketing Platforms, Identifying Target Audience Social media channels , Social Media Marketing Strategies.
2	Social Media Marketing Campaigns, Advertising and marketing Concepts and Elements of social media marketing campaigns, Campaign execution, Campaign analytics Twitter, LinkedIn, YouTube, Instagram, Pinterest advertising and marketing: Introduction and overview of platforms, Characteristics, how to use these platforms, target audience, profile / account building, how to pin. Crafting summary for marketing, creating and uploading videos, use of hashtags, Case studies.
3	Content designing for social media platforms Terminologies-basics of content creation, process, Identification of target audience and social media platform, defining content mix using sales posts, interactive posts and informative posts, Impact of colors, images on the customer, tools used for content creation like canva, GIFs, Instagram stories, pin templates, tall pins, image cut outs, YouTube video Thumbnail
4	Metrics of social media marketing What is to be measured- Parameters to measure impact- volume, reach and Engagement (engagement rates, engagement metrics). Influence, share of voice (volume and sentiment), referrals and conversions, response rate and time. Case studies.

Reading List :-

1. Internet age - Marketing with social media, Dr Apoorva Palkar, Amit Jadhav, Himalaya publication
2. Social Media Marketing – Tracy Tuten, Sage Publications
3. Social Media Marketing 1st Edition, Michael R. Solomon, Tracy Tuten - Pearson Education.

4. Social Media Marketing - A Strategic Approach 1st Edition, Nicholas Bormann, Donald Barker, Krista
 - a. Neher, Melissa Barker - Cengage.
5. Social Media Marketing All-in-One for Dummies, Zimmerman Jan - John Wiley and Sons Inc.
6. Advance Social Media Marketing--Tom Funk.
7. Social media marketing for dummies-- Shiv Singh
8. Marketing and Social Media – A guide for libraries, museums and archives – Christie Koontz and Lorrie Mon, Rowman and Littlefield.
9. Social Media & Mobile Marketing: (Includes Online Worksheets), Puneet Singh Bhatia – Wiley.
10. Social Media Marketing, Kristina Lane - Lap Lambert Publishing.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC(DM)2.2

Subject Name: SEM & SEO

Credits: 4

Marks: 100

Instructions Hours: 48

Course objective: To enlighten student with the information and knowledge of Search Engine Marketing & Search Engine Optimization

Course Outcome: At the end of the curriculum Student will gain knowledge about

1. The fundamentals of Search Engine Optimization
2. Information about SEO and its role in digital marketing
3. To know the tools of SEO
4. To understand Inbound Marketing and Web Analytics Applications.

Units	Course Contents
1	Introduction to SEM/Fundamentals of SEM Search Engine Marketing (SEM), Understanding Google Search, Comparison between SEO and SEM, Terminologies associated to SEM, Search Engine Results Page (SERP), Organic Reach, Google Display Network (GDN). Understanding Web and Mobile Marketing perspective, Key Terms
1I	Search Engine Optimization: Introduction to SEO concept and role in digital marketing Understanding Search Engine Optimization: Search Engine Optimization (SEO), Features of SEO, Significance of SEO. Model used in Digital Marketing, The Five Stage AACRO POEM model, Inverted Pyramid in SEOS, Content Drilldown, E3model, Understanding Web and Mobile Marketing perspective, Key Terms.
1II	Search Engine Optimization Tools/Analysis Key SEO tools, Application and Functions Google Domain, Google my business, Google Search Console, Google Trends, Google Tag manager, SEM Rush, Domain Authority Score, Google Ads, Google Analytics, Google Marketing Platform, Word stream advisor.
1V	Inbound Marketing and WebAnalytics Application Essentials of an Effective Inbound Strategy, Optimizing Your Website for Search Engines, Convert Visitors in Leads, Creating Content with a Purpose, Lead & its generation online, Relevant Lead and Converting Visitors into Lead, Converting Leads into Sales, Key Terms. Application of Web Analytics: Different types of Web Analytics, Social Media Web Analytics, Mobile Web Analytics, Conversion Web Analytics, Key Performance Indicators, Website Traffic Measurement Metrics, Key Terms.

Reading List :-

1. Internet Marketing, Dave Chaffey, Fiona Ellis-Chadwick, Kevin Johnston, Richard Mayer, Pearson Education.
2. Digital Marketing, Oliver J Rich.
3. Online Marketing, Gerry T. Warner and Joe Wilson Schaefer.
4. SEO For Dummies, by Peter Kent, 7th Edition, For Dummies
5. Digital Marketing Prof. Seema Gupta, 2nd Edition, McGraw Hill Publications.
6. Search Engine Marketing by Andreas Ramos & Stephanie Cota, 1st Edition, McGraw-Hill Education.
7. Google Adwords for Beginners: A Do-It-Yourself Guide to PPC Advertising, Cory Rabazinsky.

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC(DM)2.3

Subject Name: Content Marketing

Credits: 2

Marks: 50

Instructions Hours: 24

Course objective:

To enlighten student with the information and knowledge of Content Marketing

Course Outcome:

At the end of the curriculum Student will gain Knowledge about

- What is Content Marketing
- Information about the tools of content marketing
- Content marketing strategy

Units	Course Contents
1	Introduction to Content Marketing Definition, objectives, importance, role of content marketing in businesses. Challenges and opportunities.
II	Tools of Content Marketing: Blogs, branch guide/folder, Social media, Case study, Webinars, Video publications, articles, Newsletters, Mobile Apps, Infographic, e-book, Whitepapers, podcasts, audio publications, websites and E-mails. Merits and challenges in using these tools. Content marketing and online marketing, influencer marketing.
III	Content Marketing Strategy: Definition, objectives, strategic plan, Analysis of Business and understanding customers. Content marketing mix, timelines, budget and optimizing and content. Role of SEO in content marketing.
IV	Content Management: Definition, Phases, CMS, Distribution of Content. Strategies in content distribution - guest blogging, repurposing and republishing. Importance of content Management. Metrics to monitor content. Case Studies, Content Strategies used in sectors like Automobile, Services, FMCG, Pharmaceuticals, Airline, Future Trends in Content Marketing.

Reading List :-

1. Content Marketing Fundamentals-Sean R. Mitchell, Create space Independent Pub(2014)
2. Managing Content Marketing: The Real-World Guide for Creating Passionate Subscribers to Your Brand-Robert Rose and Joe Pulizzi, CMI Books, Division of Z Squared Media, LLC (2011)
3. The Big book of content Marketing–Andreas Ramos, andreas com(2013)
4. Content Rules: How to Create Killer Blogs, Podcasts, Videos, eBooks, Webinars, (and More) That Engage Customers and Ignite Your Business by Ann Handley C.C. Chapman
5. Content Machine: Use Content Marketing to Build a 7-Figure Business with Zero Advertising by Dan Norris and Neil Patel
6. The Content Code: Six Essential Strategies to Ignite Your Content, Your Marketing, and Your Business by Mark Schaefer
7. Digital Marketing MBA: Guiding Principles for Researching, Planning, and Managing a Marketing Strategy to Transform Your Business-David J Bradley,The Bradly BusinessGroup.2019
8. Social Media Marketing & Branding-The Micro MBA-Ankit Srivastava, BPBPublications,1stEdition,2018
9. This is Marketing-Seth Godin, Portfolio Penguin(2018)

Subject Code: DC(DM)2.4

Subject Name: Creative Media Marketing

Credits: 2

Marks: 50

Instructions Hours: 24

Course Objectives: To equip students about on understanding of email Marketing, Mobile Marketing and Video Marketing.

Course Outcomes: The successful completion of this course shall enable the students to understand

1. What is the need and important of Email Marketing in the digital age
2. How to use the mobile marketing and its importance
3. How to use Video marketing and publish it

Units	Course Contents
1	Introduction to Email Marketing : Email Software and Tools, Importing Email Lists, Planning Email Campaign, Email templates and Designs, Sending HTML email Campaigns, Web forms lead importing, Integrating Landing page forms, Campaign Reports and insights, Segmentation Strategy, Segmentation lists. Auto Responder series, Auto Responder Actions, Triggering Auto- Responder Triggers in Email using the 4 Ps of marketing.
II	Introduction to Mobile Marketing Mobile usage, Mobile penetration Worldwide, Smartphone penetration worldwide. Mobile Advertising Models, Advantages of Mobile Advertising, Mobile Marketing Toolkit, Paid and Owned. Mobile Marketing Features Location- Based Services or Proximity, Social Marketing on Mobile, QR Codes Augmented Reality, Gamification, Common mistakes in mobile strategy. Diversity issues in India through Mobile, Campaign development Process, Tracking of Mobile Campaigns- Mobile Analytics.
III	Introduction for Video Marketing How to make videos, Camera angles, settings, shooting techniques, editing, Audio, background score, Animation, Software for editing. On hands training on video, Publishing HD videos, Practical Examples and creating Animated Contents.

Reading List:

1. Social Media and Mobile Marketing, Puneet Singh Bhatia, Wiley, New Delhi
2. A Beginners Guide to Mobile Marketing, Molly Garris and Karen Mishra, Business Expert press, New York
3. Digital Marketing by Seema Gupta
4. Email Persuasion: Captivate and Engage Your Audience, Build Authority and Generate More Sales With Email Marketing, By Ian Brodie, 2013
5. The Elements of User Experience: User-Centered Design for the Web – Jesse James Garrett
6. Mobile Marketing: How Mobile Technology is Revolutionizing Marketing, Communications and Advertising by Daniel Rowles
7. Tap: Unlocking the Mobile Economy by Anindya Ghose
8. Email Marketing in a Digital World: The Basics and Beyond by Jason Smith 2. Hillstrom’s Email Marketing Excellence by Kevin Hillstrom

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	1
2	Assignments	1
3	Class room tests	1
4	Group discussion	1
6	Case Study	1
Total		6 hours

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Electives (Any One) (4 Credits)

Subject Code: DC2.6

Subject Name: Developmental Economics

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objectives: The objective of this course is to equip students with the knowledge of Economic Development. The course will throw light on the concept of development and will discuss about models and growth of the economy. It will throw light on the role of State in economic development and also highlight the business environmental aspects in economic development.

Course Outcomes: The successful completion of this course shall enable the students to

1. Understand the meaning of Economic Development.
2. Learn different growth models
3. Understand the role of state in Economic Development
4. Learn about various aspects of Environmental protection and Sustainable Development
5. Learn about the Role of WTO in economic development

Units	Course Contents
1	Conception of Development: Meaning and Nature of Economic Growth and Development, Difference between Growth and Development, Indicators of Growth and development, Classification and comparison of countries. Poverty- types and measurement, Vicious circle of poverty.
2	Indices of Human Development Human development Index-Origin, evolution. Multi-dimensional poverty index (MPI), Gender related development index (GDI), Gender Empowerment measure (GEM), Gender Inequality index (GII).
3	Environmental Protection and Sustainable Development: Defining sustainability for renewable resources, environmental change, environmental degradation, Externalities, Economic activity and climate change, Sustainable development Goals (SDG's). United Nations Framework Convention on Climate Change (UNFCCC).
4	Theories of Growth and Development Balance and unbalanced growth, Endogenous and Exogenous concepts, Big Push theory, Harrod- Domar Model, Solow Model, Rostow's 5 stages of growth.

Reading List:

1. Meier G.M.(1995), Leading Issues in Economic Development, Oxford University Press, Delhi
2. Ray Debraj (1998), Developmental Economics, Princeton University Press
3. Rodrik D (2011), The globalization paradox: Why global markets, State and the democracy can't coexist, Oxford University Press
4. Todaro M Smith. S (201), Economic Development, Pearson
5. M. M. Sury & Vibha Mathur, Planned Economic Development, New Century Publication, New Delhi

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC 2.6**Subject Name: Business Analytics****Credits: 4****Marks: 100****Instructions Hours: 48****Course Objective:**

The course provides an introduction to data analytics to be used in business. The students will learn how data analysts describe, predict and make informed business decisions in various business domains like marketing, human resources, finance and operations. The aim of the course is to develop basic data literacy and an analytic mindset in students that will help them to make strategic decisions based on data.

Course Outcomes: The successful completion of this course shall enable the students to

1. To understand the concept of Business Analytics.
2. Will be able to summarize data
3. Understand what is Data Mining
4. Learn decision making and optimization.
5. Learn about big data

Units	Course Contents
1	Introduction to Business Analytics Importance and role of data driven decisions. Business Analytics – Definition, Market, Trends; Paradigm Shift from Data to Insight and from Business Intelligence to Business Analytics; Examples and Types of Business Analytics Analysis- Forecasting & Predictive Modeling; Descriptive, Prescriptive and Predictive Analytics. Data Summarization, Data visualization – Various visualization techniques, standardized reporting and Pivot Tables – Using Excel
2	Data Mining Introduction to Data Mining; Crucial processes in data mining; Data Warehousing; Data Mining Techniques and Exploratory Data Analysis; Data Mining Tool – XL Miner.
3	Decision Making & Optimization Decision making under uncertainty – Decision Trees and Risk Profiles; Sensitivity Analysis; Optimizing complex decisions – Optimization of a large number of decisions while accounting for different kinds of physical and business decisions. Introduction to Optimization Techniques –Linear Programming; Optimization – Use of Excel to solve business problems like marketing mix, capital budgeting and portfolio optimization.
4	Big Data and Introduction to R Introduction to Big Data, Big Data driven decisions in business organizations – Benefits and Security/Privacy concerns. Introduction to Machine Learning; Statistical Learning vs. Machine Learning; Major classes of Learning Algorithms –Supervised Vs Unsupervised Learning. Introduction to R Programing
5	Simulation using R and Excel Hands on Regression using R;Introduction to Simulation; Applications of Simulation and Building a Simulation Model. (Using Excel and R)

Reading List:

- 1.Aczel, D.A., Sounderpandian, J., Saravanan, P. and Joshi, R. (2012). *Complete Business Statistics (7thed.)*. New Delhi, India: McGraw Hill Education (India) Private Limited
- 2.Cooper, R.D., Schindler, S. P. and Sharma, J.K. (2015). *Business Research Methods*. New Delhi, India: McGraw Hill Education (India) Private Limited
- 3.Gujrati, Damodar N and Sangeetha (2011). *Basic Econometrics (4th Ed.)*. New Delhi, India: McGraw Hill Education (India) Private Limited
4. Beri, C. (2016). *Business Statistics*. New Delhi, India: McGraw Hill Education (India) Private Limited
5. Kothari, C.R. (2009). *Research Methodology: Methods and Techniques (2nd revised ed.)*. New Delhi, India: New Age International Publisher
- 6.Sharma, J.K. (2013). *Operation Research: Theory and Applications (5thed.)*. New Delhi, India: Macmillan Publishers India limited
- 7.Albright and Winston. *Business Analytics: Data Analysis and Decision Making*, 5th Edition.
- 8.Stephen Powell and Ken Baker., —The Art of Modeling with Spreadsheet
- 9.Data, data everywhere, —Special report on managing information,Economist, February 27th, 2010.
- 10.Liberatore and Luo, —The Analytics Movement, Interfaces, Articles inAdvancel, pp. 1–12, 2010.
- 11.Using R for Data Analysis and Graphics. Introduction, Code andCommentary,

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Subject Code: DC2.6

Subject Name: MS Excel

Credits: 4

Marks: 100

Instructions Hours: 48

Course Objective:

The objective of the course is to equip students with the knowledge of Excel and its functions. Students will be able to learn the application of Excel and other functions. They will be able to create charts, pivot tables and also analyze data

Course Outcomes: The successful completion of this course shall enable the students to

1. Prepare Charts and Tables
2. Use Excel for their Research Work
3. Use Excel in Data Analysis.

Units	Course Contents
I	Introduction to Spreadsheets Understanding Microsoft Excel, Creating New Workbooks, Auto Sum and Auto Fill Function, Cell Referencing and Request, Formatting Cells, Formatting Numbers, Placing Cell Alignment, Cell, Rows and Columns, Understanding Worksheets, Editing, Copying and Moving Cells, Page Layouts in Excel, Proofing Workbooks, Basic Options, Ribbons and Toolbar.
II	Using Excel Defining Names in Excel, Sorting Data, Using Excel Tables, Filtering Data in Excel, Understand Charts, Chart Design Options and Tools, Chart Format Tools, Combo Charts, Functions within Excel, Understanding Date Function, Information Functions, Logical Functions, Find and Replace, Headers and Footers, Adding Comments, Conditional Formatting.
III	Using Text Using Text to Columns, The Paste Special Function, Data Validation, Subtotals and Grouping, Consolidating Data, Scenario Analysis, Data Tables in Scenario Analysis, What-if Analysis, Mats and Trig Functions, Text Functions in Excel, Using Lookup Functions, Vlookups, HLookups, Match, Using Statistical Functions, Database Functions, Financial Functions, Formula Auditing and Error Tracing, Hyperlinks in Excel, Linking Data, Understanding Pivot Tables, Using Pivot Charts, Workbook Properties, Protecting and Sharing Worksheets, Data Encrypting and Finalising Workbooks, Understanding Macros, Custom Number Formats in Excel, Using Custom Lists, Working with Templates, Tracking Changes in Excel, Merging and Compare Excel Workbooks.
IV	Using Pivot Tables Using Pivot tables – Slicers -Report Filters for basic analytics, Contact Management and Marketing with Excel, Managing Customers, Vendors And Employees, Gaining Product And Service Insights, Sales reports using Excel, Supervising Sales With Excel, Preparing Invoices, Assessing Account Aging, Analyzing Demographics, Creating Scheduling And Marketing Calendars, Creating Standard Excel Templates for routine business data management and analysis activities.

Reading List :-

1. Excel 2007 for Dummies by Greg Harvey
2. The entire course should be delivered in the computer lab in an application-oriented manner. Business Applications should be stressed rather than merely teaching Excel as a software.
3. Excel 2016 Bible, John Walkenbach, John Wiley & Sons 2. Excel: Formulas & Functions, Robert Dinwiddie
4. New Perspectives on Microsoft Office Excel 2007 5. Microsoft Excel 2016 Step by Step, Curtis Frye

List of Learning Activities and Allocation of Periods

Sr. No.	Activities	Learning Hours
1	Quizzes	2
2	Assignments	2
3	Class room tests	2
4	Group discussion	3
6	Case Study	3
Total		12 hours

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Savitribai Phule Pune University, Pune

(Formerly University of Pune)

Second Year B.Sc in Mathematics

(Faculty of Science & Technology)

Revised Syllabi for

S.Y.B.Sc. - Mathematics

(For Colleges Affiliated to Savitribai Phule Pune University, Pune)

Choice Based Credit System Syllabus

To be implemented from the Academic Year 2020-2021

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
Board of Studies in Mathematics Syllabus for S. Y. B. Sc

Subject: MATHEMATICS
(With effect from June 2020)

Introduction:

Savitribai Phule Pune University, Pune has decided to change the syllabi of various faculties from June 2020. Taking into consideration the rapid changes in science and technology and new approaches in different areas of mathematics and related subjects Board of studies in Mathematics with concern of teachers of Mathematics from different colleges affiliated to Savitribai Phule Pune University, Pune has prepared the syllabus of S.Y.B.Sc. Mathematics. To develop the syllabus the U.G.C. Model curriculum is followed.

Aims:

- Give the students a sufficient knowledge of fundamental principles, methods and a clear perception of innumerable power of mathematical ideas and tools and know how to use them by modeling ,solving and interpreting.
- Reflecting the broad nature of the subject and developing mathematical tools for continuing further study in various fields of science.
- Enhancing students overall development and to equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment .
- Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.

Objectives:

- A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations, terminology and recognize basic geometrical figures and graphical displays ,state important facts resulting from their studies.
- A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.
- A student be able to apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
- A student should be made aware of history of mathematics and hence of its past, present and future role as part of our culture.

Eligibility: F. Y. B. Sc., as per University rules.

Structure of the course:

Semester - III			Semester -IV	
Paper I	MT-231	Calculus of Several Variables	MT-241	Linear Algebra
Paper II	MT-232(A)	Numerical Methods and Its Applications	MT-242(A)	Vector Calculus
	MT-232(B)	Graph Theory	MT-242(B)	Dynamical Systems
Paper III	MT-233	Mathematics Practical based on MT - 231 and MT - 232	MT-243	Mathematics Practical based on MT - 241 and MT-242

- All three above courses are compulsory.
- In Semester-III, select any one from **MT-232(A) and MT-232(B)**.
- In Semester-IV, select any one from **MT-242(A) and MT-242(B)**.

Medium of Instruction: English.

Examination:

A) Pattern of examination: Semester.

B) Standard of passing: 20 marks out of 50 marks for each papers.

But for MT- 231, MT -232(A), MT -232(B), MT -241, MT -242(A), MT -242(B), MT -233 and MT-243 for passing a student should obtain minimum 14 marks out of 35 in the theory examination and overall total marks for theory and internal should be minimum 20.

C) Pattern of question papers: For MT- 231, MT -232(A), MT -232(B), MT -241, MT -242(A), MT -242(B).

Q1. Attempt any 05 out of 07 questions each of 01 marks. [05 Marks]

Q2. Attempt any 02 out of 04 questions each of 05 marks. [10 Marks].

Q.3. Attempt any 02 out of 04 questions each of 05 marks. [10 Marks].

Q4. Attempt any 02 out of 04 questions each of 10 marks. [10 Marks].

D) External Students: Not allowed.

E) Verification /Revaluation: Allowed for MT- 231, MT -232(A), MT -232(B), MT - 241, MT -242(A), MT -242(B).

The pattern of question paper for MT -233, MT-243 is given in the detailed syllabus.

Equivalence of Previous syllabus along with new syllabus:

	Semester-III		Semester-IV	
	New Course	Old Course	New Course	Old Course
Paper I	MT-231: Calculus of Several Variables	MT-211 : Multivariable Calculus-I	MT-241:Linear Algebra	MT-221: Linear Algebra
Paper II	MT-232(A): Numerical Methods and Its Applications	MT-212(A): Discrete Mathematics	MT-242(A): Vector Calculus	MT-222(A): Multivariable Calculus - II
	MT-232(B): Graph Theory	MT- 212(B): Laplace Transform and Fourier Series	MT-242(B): Dynamical Systems	MT-212(B): Numerical Analysis
Paper III	MT-233: Mathematics Practical based on MT-231 and MT-232	MT-213 : Mathematics Practical based on MT-211 and MT-212	MT-243: Mathematics Practical based on MT-241 and MT-242	MT-223: Mathematics Practical based on MT-221 and MT-222

Qualifications for Teacher: M.Sc. Mathematics (with NET /SET as per existing rules).

Semester – III

MT-231: Calculus of Several Variables

Unit-1 Limits and Continuity **[06 lectures]**

1.1 Functions of Several Variables :- Functions of two variables, Domain and Range, Graphs, Level Curves, Functions of Three or More Variables

1.2 Limits and Continuity.

Unit-2 Partial Derivatives and Differentiability **[10 lectures]**

2.1 Definition and examples.

2.2 Higher Derivatives, Clairaut’s Theorem (Statement Only) , Partial Differential Equations, Wave equation.

2.3 Differentiable function, Differentials

2.4 Chain Rule, Homogeneous Functions, Euler's theorem

Unit-3 Extreme Values

[08 lectures]

3.1 Extreme values of functions of two variables.

3.2 Necessary conditions for extreme values.

3.3 Second Derivative Test (without proof).

3.4 Lagrange Multipliers (with one constraints)

Unit-4 Multiple Integrals

[12 lectures]

4.1 Iterated Integrals, Fubini's Theorem (Statement only)

4.2 Double integral over general regions, Change of order of integration for two variables.

4.3 Double integral in Polar coordinates.

4.4 Triple integrals , Evaluation of triple integrals. Triple integrals in spherical coordinates

4.5 Jacobians , Change of variables in multiple integrals .(Results without proofs)

Text book: Multivariable Calculus 7th Edition By James Stewart, Brooks/Cole, Cengage Learning, 2012, 2008.

Unit 1:- Chapter 14: Sec- 14.1, 14.2

Unit 2:- Chapter 14: Sec- 14.3(except the Cobb-Douglas production function), 4.4
(except Tangent Planes and Linear Approximations), Sec-14.5

Unit 3:- Chapter 14: Sec 14.7, 14.8 (except two constraints)

Unit 4:- Chapter 15: Sec 15.2, 15.3, 15.4, 15.7 (without Riemann sum and
Application), 15.9, 15.10

Reference Books:

1. Basic Multivariable Calculus, J. E. Marsden, A. J. Tromba , A. Weinstein, Springer Verlag (Indian Edition).
2. Shanti Narayan, R.K. Mittal, A Text-book of Vector Calculus, S.Chand and Company.
3. D.V. Widder, Advanced Calculus (2nd Edition), Prentice Hall of India ,NewDelhi,(1944).
4. T.M. Apostol , Calculus Vol. II (2nd Edition), John Wiley, New York, (1967).

MT-232(A): Numerical Methods and It's Applications

Unit1: Solution of Algebraic and Transcendental Equations

[10 Lectures]

1.1 Errors and their computations

1.2 Bisection method.

1.3 The method of False position

1.4 Newton- Raphson method

Unit 2: Interpolation

[12 Lectures]

2.1 Finite Difference Operators and their relations (Forward, Backward difference and Shift operator).

2.2 Differences of a polynomial

2.3 Newton's Interpolation Formulae (Forward and Backward)

2.4 Lagrange's Interpolation Formula

Unit 3: Numerical Differentiation and Integration [06 Lectures]

3.1 Numerical Differentiation (Derivatives using Newton's forward difference formula)

3.2 Numerical Integration, General quadrature formula.

3.3 Trapezoidal rule.

3.4 Simpsons's 1/3rd rule.

3.5 Simpsons's 3/8th rule.

Unit 4: Numerical solution of first order ordinary differential equations [08 Lectures]

4.1 Taylor's Series method

4.2 Picard's method of successive approximations

4.3 Euler's method.

4.4 Modified Euler's methods.

4.5 Runge - Kutta Methods.

Text book:

1. S.S. Sastry, Introductory Methods of Numerical Analysis, 5th edition, Prentice Hall of India.

Unit 1: Chapter 1: section 1.3, Chapter 2: section 2.2, 2.3, 2.5

Unit 2: Chapter 3: section 3.3, 3.5, 3.6, 3.9(3.9.1 only)

Unit 3: Chapter 4: section 6.2 (excluding 6.2.1 to 6.2.3), 6.4

Unit 4: Chapter 5: section 8.2, 8.3, 8.4 (excluding 8.4.1).

Reference Books:

1. C.F. Gerald and O.P. Wheatley, Applied Numerical Analysis, Addison Wesley;

7thedition (2003).

2. K.E. Atkinson; An Introduction to Numerical Analysis, Wiley Publications.

3. T. Sauer, Numerical analysis, 3rd edition, Pearson.

4. M. K. Jain, SRK Iyengar and R.K. Jain, Numerical Methods For Scientific & Engg 5e,

New Age International (P) Ltd (2008).

MT-232(B) : Graph Theory

Unit 1. Introduction

[04 Lectures]

1.1 What is a Graph?

1.2 Application of Graphs

1.3 Finite and Infinite Graphs

1.4 Incidence and Degree

1.5 Isolated Vertex, Pendant Vertex and Null Graph

Unit 2. Paths and Circuits

[12 Lectures]

- 2.1 Isomorphism
- 2.2 Subgraphs
- 2.4 Walks, Paths, and Circuits
- 2.5 Connected Graphs, Disconnected Graphs, and Components
- 2.6 Euler Graphs
- 2.7 Operations on Graphs
- 2.8 More on Euler Graphs
- 2.9 Hamiltonian Paths and Circuits
- 2.10 The Traveling Salesman Problem

Unit 3. Trees and Fundamental Circuits

[14 Lectures]

- 3.1 Trees
- 3.2 Some Properties of Trees
- 3.3 Pendant Vertices in a Tree
- 3.4 Distance and Centers in a Tree
- 3.5 Rooted and Binary Trees
- 3.6 On Counting Trees
- 3.7 Spanning Trees
- 3.8 Fundamental Circuits
- 3.10 Spanning Trees in a Weighted Graph

Unit 4. Cut-Sets and Cut-Vertices

[06 Lectures]

- 4.1 Cut-Sets
- 4.2 Some Properties of a Cut-Set
- 4.3 All Cut-Sets in a Graph
- 4.4 Fundamental Circuits and Cut-Sets
- 4.5 Connectivity and Separability

Recommended Book :

1. Narsingh Deo, "Graph Theory with Applications to Engineering and Computer Science"
Printice-Hall, of India Pvt. Lt. New Delhi.

Unit 1 : Chapter 1: Sec.1.1 to 1.5

Unit 2: Chapter 2: Sec. 2.1 to 2.10 (Excluding 2.3)

Unit 3: Chapter 3: Sec. 3.1 to 3.10 (Excluding 3.9)

Unit 4: Chapter 4 : Sec. 4.1 to 4.5

Reference books:

1. John Clark and Derek Holton, A First Look at Graph Theory (Allied Publishers)
2. Robin J. Wilson, Introduction to Graph Theory, Fourth Edition (low price edition)
3. Introduction to Graph Theory, Douglas West 2nd edition.
4. A Textbook of Graph Theory, Balakrishnan, R., Ranganathan, K.

Outcomes of Course:

Upon completion of the course, the students will achieve the following.

- (i) **The mathematical maturity of students in their current and future courses shall develop.**

- (ii) **The student develops theoretical, applied and computational skills.**
- (iii) **The student gains confidence in proving theorems and solving problems.**

MT 233: Mathematics Practical

(Practicals based on the applications of articles in MT - 231 and MT - 232)

In Semester-III, we should conduct 4 written practical and 2 practical on maxima software for each paper MT-231 and MT-232.

List of Practical

Practical 1 : Problems on Unit 1(Written) from MT-231.

Practical 2 : Problems on Unit 2 (Written) from MT-231.

Practical 3 : Problems on Unit 3 (Written) from MT-231.

Practical 4 : IProblems on Unit 4 (Written) from MT-231.

Practical 5 : Problems on unit 1 and unit 2 from MT-231using maxima software.

Practical 6 : Problems on Unit 3 and Unit 4 from MT-231using maxima software.

Practical 7 : Problems on Unit 1 (Written) from MT-232.

Practical 8 :Problems on Unit 2 (Written) from MT-232.

Practical 9 : Problems on Unit 3 (Written) from MT-232.

Practical 10 : IProblems on Unit 4 (Written) from MT-232.

Practical 11 : Problems on unit 1 and unit 2 from MT-232 using maxima software.

Practical 12 : Problems on Unit 3 and Unit 4 from MT-2322 using maxima software.

Note:

1. The soft copy of practicals on maxima software will be prepared and provided by the Board of Studies in mathematics.
2. Practicals on maxima software can be performed on computer only.
3. Practical examination of 25 marks on written problems, 10 marks for problems on maxima software (5 marks for writing syntax and 5 marks to perform the same on computer).

Semester - IV
MT-241: Linear Algebra

Unit-1: Matrices and System of Linear Equations [06 lectures]

- 1.1 Row echelon form of a matrix, reduced row echelon form of a matrix.
- 1.2 Definition of rank of a matrix using row echelon or row reduced echelon form.
- 1.3 System of linear equations- Introduction, matrix form of linear system, definition of row equivalent matrices.
- 1.4 Consistency of homogeneous and non-homogeneous system of linear equations using rank, condition for consistency.
- 1.5 Solution of System of Equations: Gauss elimination and Gauss-Jordan elimination method, examples.

Unit-2: Vector Spaces-I [10 lectures]

- 2.1 Definition and Examples.
- 2.2 Subspaces.
- 2.3 Linear Dependence and Independence.
- 2.4 Basis of Vector Space

Unit-3: Vector Spaces-II [08 lectures]

- 3.1 Dimension of a Vector Space.
- 3.2 Row, Column and Null Space of a matrix.
- 3.3 Rank and nullity.

Unit-4: Linear Transformations [12 lectures]

- 4.1 Definition and Examples, Properties, Equality.
- 4.2 Kernel and range of a linear Transformation
- 4.3 Rank-Nullity theorem.
- 4.4 Composite and Inverse Transformation.
- 4.5 Matrices and Linear Transformation.
- 4.6 Basic Matrix Transformations in \mathbb{R}^2 and \mathbb{R}^3
- 4.7 Linear Isomorphism.

Text Book::

Howard Anton, Chris Rorres, Elementary Linear Algebra, Application Version, Ninth Edition, Wiley, 11th edition.

Unit-1: Chapter-1: Sec. 1.1, 1.2.

Unit-2: Chapter- Sec. 4: 4.1 to 4.4.

Unit-3: Chapter- Sec. 4: 4.5, 4.7, 4.8

Unit- 4: Chapter- Sec.8: 8.1 to 8.4, 1.8, 4.9.

Reference Books:

- (1) K. Hoffman and R. Kunze, Linear Algebra, 2nd edition(2014), Prentice Hall of India, New Delhi
- (2) Steven J. Leon, Linear Algebra with Applications, 4th edition(1994), Prentice Hall of India. New Delhi
- (3) Vivek Sahai, Vikas Bist, Linear Algebra, 4th Reprint 2017, Narosa Publishing House, New Delhi
- (4) Promode Kumar Saikia, Linear Algebra, 2009, Pearson, Delhi
- (5) S. Lang, Introduction to Linear Algebra, 2nd edition,1986, Springer-Verlag, New York, Inc.

MT 242(A): Vector Calculus

Unit 1: Vector-Valued Functions **[08 lectures]**

- 1.1 Curves in Space, Limits and Continuity, Derivatives and Motion, Differentiation Rules for Vector Function, Vector Functions of Constant Length.
- 1.2 Integrals of Vector Functions.
- 1.3 Arc Length along a Space Curve, Speed on a Smooth Curve, Unit Tangent Vector.
- 1.4 Curvature of a Plane Curve, Circle of Curvature for Plane Curves, Curvature and Normal Vectors for a Space Curve.

Unit 2: Integrals **[12 Lectures]**

- 2.1 Line Integral of Scalar Functions, Additivity, Line integral in the Plane.
- 2.2 Vector Fields, Gradient Fields, Line Integral of Vector Fields, Line Integrals with respect to dx , dy , dz .
- 2.3 Work done by a Force over a Curve in Space, Flow Integrals and Circulation for Velocity Fields, Flow across the Simple Closed Plane Curve.
- 2.4 Path Independence, Conservative and Potential Functions.
- 2.5 Divergence, Two forms for Green's Theorem, Green's Theorem in the Plane (Proof for special regions),

Unit 3: Surface Integrals **[08 Lectures]**

- 3.1 Parameterizations of Surfaces, Implicit surfaces.
- 3.2 Surface integrals, Orientation of Surfaces.
- 3.3 Surface Integrals of Vector Fields.

Unit 4: Applications of Integrals **[08 Lectures]**

- 4.1 The Curl Vector Field, Stokes' Theorem(without proof), Conservative Fields and Stokes' Theorem.

4.2 Divergence in three Dimensions, Divergence Theorem (without proof).

4.3 Unifying the Integral Theorems.

Text Book:

- Thomas' Calculus (14th Edition) by Hass, Heil, Weir, Pearson Indian Education Services Pvt. Ltd.
 - Unit 1: Chapter 13: Sec- 13.1, 13.2, 13.3, 13.4
 - Unit 2: Chapter 16: Sec-16.1, 16.2, 16.3, 16.4
 - Unit 3: Chapter 16: Sec- 16.5, 16.6
 - Unit 4: Chapter 16: Sec- 16.7, 16.8

Reference books:

- (1) Basic Multivariable Calculus by J.E. Marsden, A.J. Tromba, A. Weinstein, Springer Verlag (Indian Edition)
- (2) Advanced Calculus by M.R. Spiegel, Schaum Series.
- (3) Advanced Calculus (2nd Edition) by D.V. Widder, Prentice Hall of India, New Delhi (1944).
- (4) Advanced Calculus by John M. H. Olmsted, Eurasia Publishing House, New Delhi (1970)
- (5) Calculus Vol. II (2nd Edition) by T.M. Apostol, John Wiley, New York (1967).

MT-242(B): Dynamical Systems

Unit 1: Eigenvalues and Eigenvectors [08 Lectures]

- 1.1 Eigenvalues and Eigenvectors
- 1.2 Diagonalisation (matrices with real and distinct eigenvalues)

Unit 2: First-Order Equations and Planar Linear Systems [12 Lectures]

- 2.1 The Simplest Example
- 2.2 The Logistic Population Model
- 2.3 Second-Order Differential Equations
- 2.4 Planar Systems
- 2.5 Preliminaries from Algebra
- 2.6 Planar Linear Systems
- 2.7 Eigenvalues and Eigenvectors
- 2.8 Solving Linear Systems
- 2.9 The Linearity Principle.

Unit 3: Phase Portraits for Planar Systems [08 Lectures]

- 3.1 Real Distinct Eigenvalues
- 3.2 Complex Eigenvalues
- 3.3 Repeated Eigenvalues
- 3.4 Changing Coordinates

Unit 4: Classification of Planar Systems and Exponential of a matrix [08 Lectures]

4.1 The Trace-Determinant Plane

4.2 Exponential of a matrix.

Textbooks :

1) Elementary Linear Algebra by Howard Anton and Chris Rorres (9th edition), Applications Version.

Unit 1: Chapter 7 : Section 7.1 (Examples, Theorems with Statements only) , Section 7.2 (2×2 and 3×3 matrices with real and distinct eigenvalues, Theorems with Statements only)

2) Differential Equations, Dynamical Systems and An Introduction to Chaos (2nd edition) by Morris Hirsch, Stephen Smale and Robert Devaney, Academic Press.

Unit 2: Chapter 1 : Section - 1.1 to 1.2, Chapter 2 : Section - 2.1 to 2.7.

Unit 3: Chapter 3 : Section, 3.1 to 3.4,

Unit 4: Chapter 4 :Section 4.1, Chapter 6 : Section 6.4 (2×2 matrices with distinct real, repeated real and complex eigenvalues, 3×3 matrices with distinct real eigenvalues).

Reference Books :

1. K.B.Datta, Matrix and Linear Algebra, Prentice hall of India Pvt.Ltd, New Delhi 2000.

2. Differential Equations and Dynamical Systems (Third Edition) by Lawrence Perko, Texts in Applied Mathematics 7, Springer.

Outcomes of Course:

Upon completion of the course, the students will achieve the following.

- (i) The mathematical maturity of students in their current and future courses shall develop.**
- (ii) The student develops theoretical, applied and computational skills.**
- (iii) The student gains confidence in proving theorems and solving problems.**

MT 243: Mathematics Practical

(Practical based on the applications of articles in MT- 241 and MT -242)

In Semester-IV, we should conduct 4 written practical and 2 practical on maxima software for each paper MT-241 and MT-242.

List of Practical

Practical 1 : Problems on Unit 1 (Written) from MT-241.

Practical 2 : Problems on Unit 2 (Written) from MT-241.

Practical 3 : Problems on Unit 3(Written) from MT-241

Practical 4 : Problems on Unit 4(Written) from MT-241.

Practical 5 : Problems on unit 1 and unit 2 from MT-241 using maxima software.

Practical 6 : Problems on Unit 3 and Unit 4 from MT-241 using maxima software.

Practical 7 : Problems on Unit 1 (Written) from MT-242.

Practical 8 : Problems on Unit 2 (Written) from MT-242.

Practical 9 : Problems on Unit 3(Written) from MT-242.

Practical 10 : Problems on Unit 4(Written) from MT-242.

Practical 11 : Problems on unit 1 and Unit 2 from MT-242 using maxima software.

Practical 12 : Problems on Unit 3 and Unit 4 from MT-242 using maxima software.

Note:

1 The soft copy of practical on maxima software will be prepared and provided by the Board of Studies in mathematics.

2. Practicals on maxima software shall be performed on computer only..

3. Practical examination 25 marks on written problems, 10 marks for problems on maxima software (5 marks for writing syntax and 5 marks to perform the same on computer only).

Modalities For Conducting The Practical and The Practical Examination:

1) There will be one 4 hour 10 minutes (250 minutes) practical session for each batch of 15 students per week.

2) The College will conduct the Practical Examination at least 15 days before the commencement of the Main Theory Examination. The practical examination will consist of written examination of 20 marks, 10 marks on maxima software and oral examination of 05 marks.

3) There will be external examiner; the practical exam will be of the duration of 3hours.

4) The teacher will set a question paper at the time of paper setting meeting conducted by Savitribai Phule Pune University, Pune based on pattern as follows

Q1. Any 2 out of 4 each question of 5 marks on paper - I.

Q2. Any 2 out of 4 each question of 5 marks on paper - II.

Q3. (a) Any 1 out of 2 each question of 5 marks on maxima software from paper – I.

(b) Any 1 out of 2 each question of 5 marks on maxima software from paper – II.

5) Each student will maintain a journal to be provided by the college.

7) The internal 15 marks will be given on the basis of journal prepared by student and the cumulative performance of student at practical.

8) It is recommended that concept may be illustrated using computer software maxima and graphing calculators wherever possible.

9) Study tours may be arranged at places having important mathematical institutes or historical places.

10) **Special Instruction:**

- a) There should be well equipped mathematics practical laboratory of size 20x20 sq. fts containing at least 20 computers.
- b) Examiners should set separate question papers, solutions and scheme of marking for each batch and claim the remuneration as per rule.
- c) Before starting each practical necessary introduction, basic definitions, intuitive inspiring ideas and prerequisites must be discussed.



Savitribai Phule Pune University

(Formerly University of Pune)

Second Year B.Sc. Degree Program in Physics

(Faculty of Science & Technology)

S.Y.B.Sc. (Physics)

Choice Based Credit System

To be implemented from Academic Year 2021-2022

Savitribai Phule Pune University, Pune

Revised syllabus for S.Y.B.Sc. (Physics) (CBCS Pattern-2019-20)

To be implemented from Academic Year 2021-22

Structure of the Course:

Semester	Course Type	Course Code	Course Name	Credit
III	Compulsory Course	PHY-231	Mathematical Methods in Physics I	2
		PHY-232	(A) Electronics-I OR (B) Instrumentation	2
		PHY-233	Physics Laboratory-2A	2
	Ability Enhancement Compulsory Course	PHY-2310	Environment -I	2
		PHY-2311	Language-I	2
IV	Compulsory Course	PHY-241	Oscillations, Waves and Sound	2
		PHY-242	Optics	2
		PHY-243	Physics Laboratory-2B	2
	Ability Enhancement Compulsory Course	PHY-2410	Environment -II	2
		PHY-2411	Language-II	2

Semester-III

S.Y.B.Sc. (Physics) (Sem-III)
PHY-231: Mathematical Methods in Physics-I

Lectures: 36

(Credits-02)

Learning Outcomes: After the completion of this course students will be able to

1. Understand the complex algebra useful in physics courses.
2. Understand the concept of partial differentiation.
3. Understand the role of partial differential equations in physics.
4. Understand vector algebra useful in mathematics and physics.
5. Understand the concept of singular points of differential equations.

1. Complex Numbers:

(9L)

- 1.1 Introduction to complex numbers
- 1.2 Rectangular, polar and exponential forms of complex numbers
- 1.3 Argand diagram
- 1.4 Algebra of complex numbers using Argand diagram
- 1.5 De-Moivre's Theorem (Statement only)
- 1.6 Power, root and log of complex numbers
- 1.7 Trigonometric, hyperbolic and exponential functions
- 1.8 Applications of complex numbers to determine velocity and acceleration in curved motion.
- 1.9 Problems.

2. Partial Differentiation:

(9L)

- 2.1 Definition of partial differentiation
- 2.2 Successive differentiation
- 2.3 Total differentiation
- 2.4 Exact differential
- 2.5 Chain rule
- 2.6 Theorems of differentiation
- 2.7 Change of variables from Cartesian to polar co-ordinates
- 2.8 Conditions for maxima and minima (without proof)
- 2.9 Problems.

3. Vector Algebra and Analysis:

(12L)

- 3.1 Introduction to scalars and vectors, dot product and cross product of two vectors and their physical significance. (Revision)
- 3.2 Scalar triple product and its geometrical interpretation
- 3.3 Vector triple product and its proof
- 3.4 Scalar and vector fields
- 3.5 Differentiation of vectors with respect to scalar
- 3.6 Vector differential operator and Laplacian operator
- 3.7 Gradient of scalar field and its physical significance
- 3.8 Divergence of scalar field and its physical significance
- 3.9 Curl of vector field and its physical significance.

3.10 Vector Identities.

- a. $\nabla \times (\nabla\Phi) = 0$
- b. $\nabla \cdot (\nabla \times \mathbf{V}) = 0$
- c. $\nabla \cdot (\nabla\Phi) = \nabla^2\Phi$
- d. $\nabla \cdot (\Phi\mathbf{A}) = \nabla\Phi \cdot \mathbf{A} + \Phi(\nabla \cdot \mathbf{A})$
- e. $\nabla \times (\Phi\mathbf{A}) = \Phi (\nabla \times \mathbf{A}) + (\nabla\Phi) \times \mathbf{A}$
- f. $\nabla \cdot (\mathbf{A} \times \mathbf{B}) = \mathbf{B} \cdot (\nabla \times \mathbf{A}) - \mathbf{A} \cdot (\nabla \times \mathbf{B})$

3.11 Problems.

4. Differential Equation:

(6L)

4.1 Degree, order, linearity and homogeneity of differential equation.

4.2 Concept of Singular points. Example of singular points ($x = 0$, $x = x_0$ and $x = \infty$) of differential equation.

4.3 Problems.

Reference Books:

1. Methods of Mathematical Physics - Laud, Takwale and Gambhir.
2. Mathematical Physics - B.D.Gupta.
3. Mathematical Physics - Rajput and Gupta.
4. Mathematical Methods in Physical Science - Mary and Boas.
5. Vector analysis - Spiegel and Murrey.
6. Mathematical Methods for Physicists - Arfken and Weber (5th Edition)
7. Fundamentals of Mathematical Physics - A.B.Gupta.
8. Vector Analysis - Seymour Lipschutz and Dennis Spellman.

S.Y.B.Sc. (Physics) (Sem-III)
PHY-232(A): Electronics-I

Lectures: 36

(Credits-02)

N.B: This course is for students **who have not taken Electronic Science as one of the subjects at F.Y.B. Sc.**

Learning outcomes: On successful completion of this course the students will be able to

- Apply different theorems and laws to electrical circuits.
- Understand the relations in electricity.
- Understand the parameters, characteristics and working of transistors.
- Understand the functions of operational amplifiers.
- Design circuits using transistors and applications of operational amplifiers.
- Understand the Boolean algebra and logic circuits.

1. Network Theorem: (6L)

- 1.1 Krichhoff's Law
- 1.2 Voltage and current Divider Circuit
- 1.3 Thevenin's Theorem
- 1.4 Norton's Theorem
- 1.5 Superposition Theorem
- 1.6 Maximum Power transfer theorem (With proof)
- 1.7 Problems

2. Study of Transistor: (12L)

2.1 Bi-junction Transistor:

1. Revision of bipolar Junction Transistor, Types, Symbol and basic action.
2. Configuration (Common Base, Common Emitter and Common Collector)
3. Current Gain Factors (α and β) and their relations
4. Input, Output and transfer Characteristic of CE Configuration
5. Biasing method and Voltage Divider
6. DC Load line (CE), Operating Point (Q- point)
7. Transistor as a switch
8. Problems

2.2 Unijunction Transistor:

1. Symbol, Types, Construction, Working Principle, I-V characteristics, Specifications and Parameters of Unijunction Transistor (UJT)
2. UJT as a relaxation Oscillator.

3. Operational Amplifiers and Application (12 L)

3.1 Operational Amplifiers:

1. Introduction
2. Ideal and practical Characteristics
3. Operational Amplifier: IC741- Block Diagram and Pin diagram
4. Concept of Virtual Ground
5. Inverting and Non-inverting operational amplifiers with concept of gain

6. Operational amplifier as an adder and subtractor

7. Problems

3.2 Oscillators:

1. Concept of Positive and negative feed back

2. Barkhausen Criteria for an oscillator

3. Construction, working and application of phase shift oscillator using IC741

4. Problems

4. Number System and Logic Gates

(6 L)

1. Number System: Binary, Binary coded Decimal (BCD), Octal, Hexadecimal

2. Addition and Subtraction of binary numbers and binary fractions using one's and two's complement

3. Basic Logic gates (OR, AND, NOT)

4. Derived gates: NOR, NAND, EXOR, EXNOR, with symbols and truth table

5. Boolean Algebra

6. De Morgan's theorem and its verification

7. Problems

Reference Books:

1. Electronic Principles-Malvino, 7th Edition, Tata Mc-Graw Hills publication.

2. Principles of Electronics-V.K. Mehta, S. Chand publication.

3. Op-amp and Linear Integrated Circuit-Ramakant Gaikwad, Prentice Hall of India publication.

4. Integrated Circuit-Botkar, Khanna Publication, New Delhi.

5. Digital Principles and Application-Malvino and Leech, Tata Mc-Graw Hills publication.

S.Y.B.Sc. (Physics) (Sem-III)
PHY-232(B): Instrumentation

Lectures: 36

(Credits-02)

N.B: This course is for students **who have taken Electronic Science as one of the subjects at F. Y. B. Sc.**

Learning outcomes: After successful completion of this course, the student will be able to

- Understand the concept of measurement.
- Understand the performance of measuring instruments.
- Design experiments using sensors.

1. Fundamental of measurement: (8L)

1.1 Aims of measurement

1.2 Functional elements of typical measurement system (Block diagram and its explanation).

1.3 Standards of measurement and its classification. (International, primary or national, secondary and working standards).

1.4 Static characteristics: Accuracy, Precision, Sensitivity, Linearity, Resolution, Drift and Hysteresis.

1.5 Dynamic characteristics concepts: First and Second order instruments, Examples of first order: Resistance thermometer and thermal element, Example of 2nd order: U-tube Manometer.

1.6 Errors in measurement and its classifications.

1.7 Problems

2. Transducers: (12L)

2.1 Classification of Transducers and its characteristics

2.2 Displacement Transducer

a) Resistive Type: Linear and Angular (Rotary) Potentiometer, Strain Gauge: Bonded and Unbonded

b) Inductive Type: Self inductive: Variable number of turns, Variable Reluctance Mutual Inductive: LVDT

c) Piezoelectric Type: Quartz Crystal

2.3 Force Transducer: Cantilever beam, Column type devices

2.4 Temperature Measurement

Scales for temperature: Celsius, Kelvin and Fahrenheit

Temperature Measurement Techniques

a. Non-electrical: Liquid filled thermometer and bimetallic thermometer

b. Electrical Methods:

i. Platinum Resistance Thermometer

ii. Thermistor: PTC and NTC with characteristics

iii. Thermocouple: Seebeck effect and Peltier effect,

iv. Types of Thermocouple

3. Measurement of Pressure: (8L)

3.1 Unit of pressure, Concept of vacuum, Absolute gauge and differential pressure,

3.2 Elastic Transducer- Diaphragm, Corrugated Diaphragm, Bellows, Bourdon Tube

3.3 Electric Type- LVDT, Strain gauge

3.4 Pressure Transducer- Calibration by dead weight tester Method

3.5 Problems

4. Signal Conditioning and Processing:

(8L)

4.1 Current to voltage, Voltage to current convertors, buffer amplifier, S/H Amplifier and Characteristics, Acquisition time, Aperture time, Drop rate

4.2 Filters: First order LPF and HPF with design,

4.3 Instrumentation Amplifier (Using 3 op-amp)

Reference Books:

1. Instrumentation Device and System - Rangan, Mani and Sarma, Tata Mc Graw Hill
2. Instrumentation Measurement and Analysis - Nakra, Choudhari, Tata Mc Graw Hill India publication.
3. Sensors and Transducers - D. Patranabis, PHI publications.
4. Op-Amps and Linear Integrated Circuits - Ramakant A. Gayakwad, Pearson India publications.
5. Process control Instrumentation Technology - C.D. Johnson, PHI publications.

S.Y.B.Sc. (Physics) (Sem-III)
PHY-233: Physics Laboratory-2A

Lectures: 36

(Credits-02)

Learning Outcome: After completing this practical course students will be able to

- Use various instruments and equipment.
- Design experiments to test a hypothesis and/or determine the value of an unknown quantity.
- Investigate the theoretical background of an experiment.
- Setup experimental equipment to implement an experimental approach.
- Analyze the data, plot appropriate graphs and reach conclusions from data analysis.
- Work in a group to plan, implement and report on a project/experiment.
- Keep a well-maintained and instructive laboratory logbook.

Section-I: Electronics-I/Instrumentation

1. Circuit Theorems (Thevenin's, Norton's and Maximum Power Transfer Theorems)
2. Transistor Characteristics (Input and Output characteristics of CE Configuration)
3. Single Stage Transistor Amplifier
4. Study of Rectifiers (Half, Full Wave and Bridge) with different filters
5. I-V Characteristics of UJT/ UJT as Relaxation Oscillator
6. Zener as a Regulator (Line and Load Regulation)
7. Op-amp as inverting and non-inverting amplifier
8. Study of Wein Bridge / Phase Shift Oscillator using 741
9. Op-amp as an adder and subtractor
10. Study of logic gates and verification of de Morgan's theorems
11. To measure displacement using potentiometer/variable inductor/ variable capacitor
12. Use of CRO (AC/DC Voltage measurement, Frequency measurement)
13. To measure force using load cell
14. To measure pressure using elastic diaphragm (In Variable Capacitor / Bourdon Tube)
15. To measure magnetic field using Hall Probe for a system of ring magnets

Section-II: Use of Computer

1. Plotting of various trigonometric functions using spread sheet/any graphic software viz. Microsoft Excel, Origin: $\sin x$, $\cos x$, $\tan x$, e^x , e^{-x} , $\log x$, $\ln x$, x^n
2. Plotting of conic sections using spreadsheet /any graphic software viz. Microsoft Excel, Origin: circle, ellipse, parabola, hyperbola
3. Inverse, determinant of matrix, solution of linear equations using Microsoft Excel or Origin software

Additional Activities (Any two)

1. Plotting of any **two** graphs using spreadsheets (of data obtained from various experiments performed by the student)
2. Any **two** computer aided demonstrations (Using computer simulations or animations)

3. Demonstrations-Any **two** demonstrations
4. Study tour with report
5. Mini project

Total Experiments to be performed by a student: (A) 10 OR (B) 8 + Two Activities

(A): At least **6** experiments from **Section-I** and **2** experiments from **Section-II**

(B): At least **4** experiments from **Section-I** and **2** experiments from **Section-II** + **Any Two Activities**

Semester-IV

S.Y.B.Sc. (Physics) (Sem-IV)
PHY-241: Oscillations, Waves and Sound

Lectures: 36

(Credits-02)

Learning Outcomes: On completion of this course, the learner will be able:

- To study underlying principles of oscillations and its scope in development.
- To understand and solve the equations / graphical representations of motion for simple harmonic, damped, forced oscillators and waves.
- To explain oscillations in terms of energy exchange with various practical applications.
- To solve numerical problems related to undamped, damped, forced oscillations and superposition of oscillations.
- To study characteristics of sound, decibel scales and applications.

1. Undamped Free Oscillations: (7L)

- 1.1 Different types of equilibria (static, dynamic, stable, unstable, and metastable equilibrium) – definitions only with examples.
- 1.2 Definitions of linear Simple Harmonic Motion (S.H.M) and angular S.H.M.
- 1.3 Differential equation for linear S.H.M. and its solution.
- 1.4 Composition of two perpendicular linear S.H.Ms. for frequency ratio 1:1 and 2:1 (analytical method).
- 1.5 Lissajous figures, their demonstration (optical and electrical method) and applications.
- 1.6 Problems.

2. Damped Oscillations: (7L)

- 2.1 Introduction
- 2.2 Differential equation for damped harmonic oscillator and its solution, discussion of different cases.
- 2.3 Logarithmic decrement.
- 2.4 Average energy of damped harmonic oscillator.
- 2.5 Quality factor.
- 2.6 Application: LCR series circuit.
- 2.7 Problems.

3. Forced Oscillations: (8L)

- 3.1 Introduction.
- 3.2 Differential equation for forced oscillations and its solution.
- 3.3 Resonance: mechanical, acoustic and electrical.
- 3.4 Velocity and Amplitude resonance.
- 3.5 Sharpness of resonance and half width.
- 3.6 Average energy of forced oscillator.
- 3.7 Quality factor of forced oscillator.
- 3.8 Relation between quality factor and bandwidth.
- 3.9 Application of forced oscillations- LCR series circuit.
- 3.10 Problems.

4. Wave Motion:

(6L)

- 4.1 Introduction.
- 4.2 Equation for longitudinal waves and its solution (one dimension only).
- 4.3 Equation for transverse waves and its solution (one dimension only).
- 4.4 Energy density and intensity of a wave.
- 4.5 Qualitative discussion of seismic waves and gravitational waves.
- 4.6 Problems.

5. Sound and Doppler Effect:

(8L)

- 5.1 Definition of sound Intensity, Loudness, Pitch, Quality and timbre.
- 5.2 Reverberation time and reverberation of hall.
- 5.3 Sabine's formula (without derivation).
- 5.4 Doppler Effect in sound, Expression for apparent frequency in different cases.
- 5.5 Asymmetric nature of Doppler Effect in sound.
- 5.6 Doppler Effect in light, Symmetric nature of Doppler Effect in light.
- 5.7 Applications: Radar, Speed of distant star, Rotational speed of binary star, Red Shift and Width of spectral line.
- 5.8 Problems.

Reference Books:

1. Waves and Oscillations - Stephenson.
2. The Physics of Waves and Oscillations - N. K. Bajaj, Tata McGraw- Hill, publication.
3. Fundamentals of Vibrations and Waves - S. P. Puri, Tata McGraw-Hill publication.
4. A Text Book of Sound - Subramanyam and Brijlal, Vikas Prakashan.
5. Sound - Mee, Heinmann Edition, London.
6. Waves and Oscillations - R.N. Chaudhari, New Age International (p) ltd.
7. A Textbook on Oscillations, Waves and Acoustics - M. Ghosh, and D. Bhattacharya, S. Chand and Company Ltd.

Learning Outcomes: On successful completion of this course the students will be able to

- Acquire the basic concept of wave optics.
- Describe how light can constructively and destructively interfere.
- Explain why a light beam spread out after passing through an aperture
- Summarize the polarization characteristics of electromagnetic wave
- Understand the operation of many modern optical devices that utilize wave optics
- Understand optical phenomenon such polarization, diffraction and interference in terms of the wave model
- Analyze simple example of interference and diffraction.

1. Geometrical optics and Lens aberrations: (12L)

(a) Geometrical optics:

- 1.1 Introduction to lenses and sign conventions.
- 1.2 Thin lenses: Lens equation for single convex lens
- 1.3 Lens maker equation
- 1.4 Concept of magnification, deviation and power of a thin lens
- 1.5 Equivalent focal length of two thin lens system
- 1.6 Concept of cardinal points
- 1.7 Problems

(b) Lens Aberrations:

- 1.8 Introduction to Aberration
- 1.9 Types of aberration: Monochromatic and Chromatic Aberration (Only discussion)

2. Optical Instruments: (6L)

- 2.1 Introduction to optical instruments
- 2.2 Types of optical instruments: Simple Microscope, Compound Microscope and Astronomical telescope (only construction and working)
- 2.3 Eyepiece: Ramsden's eye piece (Expression), Huygens eye piece and Gauss's eyepiece (only qualitative discussion)
- 2.4 Problems.

3. Interference and Diffraction: (12L)

(a) Interference:

- 3.1 Introduction to interference
- 3.2 Types of Interference (only discussion)
- 3.3 Phase change on reflection (Stokes treatment).
- 3.4 Interference due to reflected light
- 3.5 Interference due to transmitted light.
- 3.6 Newton's ring (to calculate wavelength)

3.7 Problems

(b) Diffraction:

3.8 Introduction to diffraction

3.9 Types of diffraction (only discussion)

3.10 Fraunhofer's diffraction due to single slit and double slit (only qualitative discussion)

3.11 Plane transmission grating and grating equation (only principal maxima)

3.12 Rayleigh criterion for resolution (only qualitative discussion)

3.13 Problems

4. Polarization:

(6L)

4.1 Introduction to polarization

4.2 Brewster's law

4.3 Malus's Law

4.4 Polarization by double refraction

4.5 Nicol Prism

4.6 Application of polarization

4.7 Problems

Reference Books:

1. Optics - A.R. Ganesan, 4th edition, Pearson Education.
2. A Textbook of Optics - N. Subhramanyam, Brijlal, M.N. Avadhanulu, S. Chand Publication.
3. Physical Optics - A.K. Ghatak, McMillan, New Delhi
4. Fundamental of Optics - F.A. Jenkins, H.E.White, Mc Graw-Hill International edition
5. Principles of Optics - D.S. Mathur, Gopal Press, Kanpur.

Learning Outcome: After completing this practical course students will be able to

- Use various instruments and equipment.
- Design experiments to test a hypothesis and/or determine the value of an unknown quantity.
- Investigate the theoretical background of an experiment.
- Setup experimental equipment to implement an experimental approach.
- Analyze the data, plot appropriate graphs and reach conclusions from data analysis.
- Work in a group to plan, implement and report on a project/experiment.
- Keep a well-maintained and instructive laboratory logbook.

Section I: Oscillations, Waves and Sound

1. Logarithmic decrement (in air and water).
2. Study of coupled oscillators comprising two simple pendulum (Mechanical) and determination of coupling coefficient.
3. 'g' by bar pendulum.
4. Study of musical scales using a signal generator and musical instruments.
5. Measurement of coefficient of absorption of sound for different materials (cork, thermocol, mica, paper etc.).
6. Study of Lissajous's figures and determination of unknown frequency.
7. Determination of speed of sound by Quincke's method interferometer.
8. Directional characteristics of Microphone.
9. Velocity of sound by Phase shift method.
10. To determine the frequency of an electrically maintained tuning fork by stroboscopic method.
11. To determine the velocity of sound in air at room temperature with Kundt's Tube.

Section II: Optics

1. Newton's Ring: Determination of wavelength of monochromatic light source (λ).
2. Dispersive power of glass prism.
3. Total internal reflection using LASER beam and glass prism.
4. Diffraction at the edge of a razor blade.
5. Optical activity of sugar solution using Polarimeter.
6. Goniometer to determine cardinal points and focal length.
7. To determine temperature of sodium flame.
8. Double refracting prism.
9. Determination of Cauchy's constant.

Additional Activities (Any two)

1. Plotting of any **two** graphs using spreadsheets (of data obtained from various experiments performed by the student).
2. Any **two** computer aided demonstrations (Using computer simulations or animations).
3. Demonstrations –Any **two** demonstrations.
4. Study tour with report.
5. Mini project.

Total Experiments: (A) 10 OR (B) 8 + Two Activities

(A): 5 experiments from Section-I and 5 experiments from Section-II

(B): 4 experiments from Section-I and 4 experiments from Section-II + Any Two Activities

SavitribaiPhule Pune University

(Formerly University of Pune)

Three Year B.Sc. Degree Program in Zoology

(Faculty of Science & Technology)

S.Y.B.Sc. Zoology

(w.e.f. June 2020)

As per

Choice Based Credit System

Syllabusimplemented from

Academic Year 2020-2021

Preamble:

Zoology is one of the major subjects of Basic Sciences and deals with all aspects of animal biology. It includes an interesting range of highly diverse topics. A zoology student needs to gain understanding of many areas of the subject to keep pace with advancements in Life Sciences.

This under-graduate degree program has been designed by the Board of Studies in Zoology of SavitribaiPhule Pune University with a substantial component of what is needed from zoologists as a skilled career and what zoologists need to pursue for post-graduation and further academic studies. It follows the guidelines laid down by the University Grants Commission, New Delhi. This newly designed curriculum is a perfect blend of the classical aspects in Zoology and the advanced and more specialized areas.

This degree offers Discipline Specific Core Courses [CC] in Animal Systematics, Animal Ecology, Animal Cell biology, Applied Zoology, Pest Management, Histology, Biological Chemistry, Genetics, Developmental Biology, Parasitology, Medical & Forensic Zoology, Animal Physiology, Molecular Biology, Entomology, Techniques in Biology and Evolutionary Biology.

In addition to the Core Courses, Ability Enhancement Compulsory Courses [AECC] have been added in the second year i.e. Semester III and Semester IV of the undergraduate course. In the third year i.e. Semester V and Semester VI, Discipline specific Elective Courses [DSEC] and Skill Enhancement Courses [SEC] have been offered. The students, therefore, have an opportunity to take courses in Environment Awareness, Language communication: English/Marathi, Aquarium Management, Poultry Management and Environmental Impact Assessment. In Semester VI the students also have a course dedicated to Project work.

The syllabus has been framed in such a way that the student gains each year, a broader perspective of the subject as he progresses towards completion of the degree program. Field trips, Educational visits and the Project work have been included for the student to experience the applications of the theory learnt in the classroom.

After completion of the program, it is expected that students will understand and appreciate: animal diversity, few applications of Zoology, the structure, functions and life processes at cellular, tissue, organ and system level, significance of evolution, and basic concepts of human health. The students would also gain an insight into laboratory and field work through the practical course, field work and the project.

While presenting this new syllabus to the teachers and students of F. Y. B. Sc. Zoology, I am extremely happy to state that efforts have been made to seek inputs of all the stake holders to make it more relevant.

The new course that will be effective from the academic year 2019- 2020 and will follow the Choice Based Credit System in a Semester mode. It has been primed keeping in view the distinctive requirements of B. Sc. Zoology students. The contents have been drawn-up to accommodate the widening prospects of the discipline of Life Sciences. They reflect the changing prerequisites of the students. This program has been introduced with 132 credits for the subject group while 08 credits to earn from any of the 08 groups offering a range of curricular, cocurricular and extracurricular activities. This pattern has been specially aimed towards the overall development of the students'. The calculation of credits and CGPA will be as per the guidelines of the University. The B. Sc. Zoology program provides an appropriate blend of classical and applied aspects of the subject. This newly designed curriculum will allow students to acquire the skill in handling scientific instruments planning and performing in the laboratory and exercising critical judgement, independent thinking and problem solving skills.

The Syllabus has been revised with the following aims

- To foster curiosity in the students for Zoology
- To create awareness amongst students for the basic and applied areas of Zoology
- To orient students about the importance of abiotic and biotic factors of environment and their conservation.
- To provide an insight to the aspects of animal diversity.
- To inculcate good laboratory practices in students and to train them about proper • handling of lab instruments.

Course Structure:

Course Structure with Credit Distribution of the Undergraduate Science Program in Zoology

Course	Course Code and Name of the Course		Credits
F. Y. B. Sc.	SEMESTER I	SEMESTER II	
CC	ZO - 111 Animal Diversity I	ZO-121 Animal Diversity II	2 + 2
CC	ZO - 112 Animal Ecology	ZO-122 Cell Biology	2 + 2
CC	ZO - 113 Zoology Practical Paper	ZO-123 Zoology Practical Paper	1.5 +1.5
S. Y. B. Sc.	SEMESTER III	SEMESTER IV	
CC	ZO - 231 Animal Diversity III	ZO - 241 Animal Diversity IV	2 + 2
CC	ZO - 232 Applied Zoology I	ZO - 242 Applied Zoology II	2 + 2
CC	ZO - 233 Zoology Practical Paper	ZO - 243 Zoology Practical Paper	2 + 2
AECC	EVS 231- Environment Awareness	EVA 241- Environment Awareness	2 + 2
AECC	LA 231 - English/Marathi	LA 241 - English /Marathi	2 + 2
T. Y. B. Sc.	SEMESTER V	SEMESTER VI	
DSEC	ZO - 351 Pest Management	ZO - 361 Medical & Forensic Zoology	2 + 2
DSEC	ZO - 352 Histology	ZO - 362 Animal Physiology	2 + 2
DSEC	ZO - 353 Biological Chemistry	ZO - 363 Molecular Biology	2 + 2
DSEC	ZO - 354 Genetics	ZO - 364 Entomology	2 + 2
DSEC	ZO - 355 Developmental Biology	ZO - 365 Techniques in Biology	2 + 2
DSEC	ZO - 356 Parasitology	ZO - 366 Evolutionary Biology	2 + 2
DSEC	ZO- 357 Zoology Practical Paper 1	ZO - 367 Zoology Practical Paper 1	2 + 2
DSEC	ZO- 358 Zoology Practical Paper 2	ZO - 368 Zoology Practical Paper 2	2 + 2
DSEC	ZO- 359 Zoology Practical Paper 3	ZO - 369 Zoology Practical Paper 3	2 + 2
SEC	ZO - 3510 Aquarium Management	ZO- 3610 Environmental Impact Assessment	2 + 2
SEC	ZO - 3511 Poultry Management	ZO - 3611 Project	2 + 2

Detailed Syllabus of S. Y. B. Sc.

Paper	Semester III Course Code & Course	Credits	No of Hours	Marks (Internal + University)	Semester IV Course Code & Course	Credits	No of Hours	Marks (Internal + University)
I	ZO - 231 Animal Diversity III	02	30	15+ 35= 50	ZO - 241 Animal Diversity IV	02	30	15+ 35 = 50
II	ZO - 232 Applied Zoology I	02	30	15+ 35 = 50	ZO - 242 Applied Zoology II	02	30	15+ 35 = 50
III	ZO - 233 Zoology Practical Paper	02	14 Practicals	15+ 35 = 50	ZO - 243 Zoology Practical Paper	02	14 Practicals	15+ 35 = 50
AECC	EVS 231- Environme nt Awareness	02	30	15+ 35 = 50	EVA 241- Environmen t Awareness	02	30	15+ 35 = 50
AECC	LA 231- English/ Marathi	02	30	15+ 35 = 50	LA 241- English/ Marathi	02	30	15+ 35 = 50

Animal Diversity III & IV

Objectives –

1. To understand the origin and advancement of higher vertebrates (tetrapoda).
2. To understand general characters of different groups of higher vertebrates.
3. To classify vertebrates and to become able to understand the possible group of vertebrates observed in nature.
4. To understand different behaviours and adaptations in higher vertebrates
5. To understand affinities among different groups of higher vertebrates.

Learning Outcomes for the course -

1. The students will be able to understand, classify and identify the diversity of higher vertebrates.
 2. The students will be able to understand the complexity of higher vertebrates
 3. The students will be able to understand different life functions of higher vertebrates.
 4. The students will be able to understand the linkage among different groups of higher vertebrates.
 5. The student will become aware regarding his role and responsibility towards nature as a protector, to understand his role as a trustee and conservator of life which he has achieved by learning, observing and understanding life.
-

Course Title: Animal Diversity - III

Course Code: ZO – 231,

Semester - III

(2 credits – 30 Hours)

No.	Title & Contents	Number of Lectures
	1. Introduction to Phylum Chordata –	(03)
1.1	Origin & Ancestry of Chordates.	
1.2	Comparative account of fundamental characters of Chordates with Non Chordates.	
1.3	Salient features of Phylum Chordata.	
1.4	Classification of Phylum Chordata upto classes – Pisces, Amphibia, Reptilia, Aves, Mammalia.	
	2. Introduction to Group – Protochordata.	(03)
2.1	Salient features of Protochordata.	
2.2	Salient features of subphylum with two example each - Names only. Hemichordata – <i>Balanoglossus</i> and <i>Rhabdopleura</i> , Urochordata - <i>Herdmania</i> and <i>Salpa</i> , Cephalochordata – <i>Branchiostoma</i> (Amphioxus) and <i>Asymmetron</i> .	
	3. Introduction to subphylum – Vertebrata	(02)
3.1	Salient features of Vertebrata.	
3.2	Introduction and General characters of sections with two examples - Names only. Agnatha – <i>Petromyzon</i> & <i>Myxine</i> & Gnathostomata – Frog & <i>Labeo</i> .	
	4. Introduction to Class – Pisces	(04)
4.1	Salient features of Class – Pisces.	
4.2	Introduction and Salient features of sections with two examples - Names only. Class – Chondrichthyes – <i>Scoliodon</i> and <i>Chimaera</i> & Osteichthyes – <i>Labeo</i> and <i>Catla</i>	
4.3	Types of Scales in Fishes.	
4.4	Types of Fins in Fishes.	

5. Introduction to Class – Amphibia

(03)

5.1 Salient features of Class – Amphibia.

5.2 Introduction to order – Apoda–*Ichthyophis*, Urodela–*Salamandra*(Salamander) and
Annura - *Rana*.

5.3 Parental care in Amphibia.

6. Study of *Scoliodon*

(15)

<i>Scoliodon</i> – 6.1 - Systematic position, Geographical distribution, Habit, Habitat	01
6.2 - External characters	01
6.3 - Digestive System, Food and feeding mechanism.	02
6.4 - Respiratory System – Structure of Holobranch only.	02
6.5- External & Internal Structure of heart, Working of heart.	02
6.6 - Nervous System – Brain only.	03
6.7 - Male urinogenital system & Female reproductive System.	03
6.8- Yolk sac placenta.	01

Applied Zoology I and II

Objectives :

1. To understand the basic life cycle of the honeybees, beekeeping tools and equipments.
2. To learnfor managing beehives for honey production and pollination.
3. To understand the basic information about fishery, cultural and harvesting methods of fishes.
4. To understand fish preservation techniques.
5. To understand the biology, varieties of silkworms and the basic techniques of silk production and harvesting of cocoons.
6. To learn the different silkworm species and their host plants.
7. To study types of agricultural pests and Major insect pests of agricultural importance.
8. To study Pest control practices.

Learning Outcomes of the course:

1. The learner understands the basics about beekeeping tools, equipment, and managing beehives.
 2. The learner understands the basic information about fishery, cultural and harvesting methods of fishes and fish preservation techniques.
 3. The learner understands the biology, varieties of silkworms and the basic techniques of silk production.
 4. The learner understands the types of agricultural pests, Major insect pests of agricultural importance and Pest control practices.
-

Course Title - Applied Zoology I

Course Code - ZO - 232

Semester III

2 Credits - 30 lectures

1) Sericulture:	16
1.1 An introduction to Sericulture, Study of different types of silk moths, their distribution, Taxonomic position and varieties of silk produced in India : Mulberry, Tassar, Eri and Muga silk moths.	02
1.2 External Morphology and life cycle of <i>Bombyx mori</i> .	02
1.3 Cultivation of mulberry :	
a) Varieties for cultivation,	
b) Rain fed and irrigated mulberry cultivation- Fertilizer schedule, Pruning methods and leaf yield.	02
1.4 Harvesting of mulberry : a) Leaf plucking, b) Branch cutting,	
c) Whole shoot cutting.	01
1.5 Silk worm rearing :	
a) Varieties for rearing,	
b) Rearing house,	
c) Rearing techniques,	
d) Important diseases and pests.	03
1.6 Preparation of cocoons for marketing.	01
1.7 Post harvest processing of cocoons :	
a) Stiffling, sorting, storage, deflossing and riddling,	
b) Cocoon cooking, reeling equipment and reeling, washing and polishing.	03
1.8 Biotechnological and biomedical applications of silk.	02
2) Agricultural Pests and their control:	14
2.1 An introduction to Agricultural Pests, types of pests (agricultural, store grain, veterinary).	01
2.1 Major insect pests of agricultural importance (Marks of identification, life cycle, nature of damage and control measures).	06
a) Jowar stem borer,	
b) Red cotton bug,	
c) Brinjal fruit borer,	
d) Mango stem borer,	
e) Blister beetle,	
f) Rice weevil,	

g) Pulse beetle,	
h) Tick.	
2.3 Non insect pests: Rats, Crabs, Snails, and Squirrels	01
2.4 Pest control practices in brief: Cultural control, Physical control, Mechanical control, Chemical control, Biological control, Pheromonal control, Autocidal control and Concept of IPM in brief.	04
2.5 Plant protection appliances: Shoulder type Rotary duster, Knapsack sprayer, Cynogas Pump.	02

Course Title: Zoology Practical Paper

Course Code: ZO – 233

Semester - III

(2 credits – 60 Hours)

Animal Diversity - III

1. Museum study of Group Protochordata : *Balanoglossus*, *Herdmania*, *Petromyzon*. (D)
2. Museum study of Class Pisces: *Labeo*, *Scoliodon*, *Hippocampus*. (D)
3. Museum study of Class Amphibia : *Salamandra*, *Rana*, *Ichthyophis*. (D)
4. Study of types of scales in fishes: Placoid scale, Cycloid scale, Ctenoid scale & Ganoid scale. (D)
5. Study of types of tail fins in fishes: Homocercal, Heterocercal & Diphyrcercal. (D)
6. Study of external characters & digestive system of locally available fish. (E) - Compulsory
7. Study of brain of locally available fish. (D)
8. Temporary preparation of scales & its identification from locally available fish. - (E) Compulsory
9. Compulsory field visit to study pond ecosystem with reference to Pisces and amphibians, report writing and submission. (2 P)

Sericulture –

1. Study of external morphology and life-cycle of *Bombyx mori*. (D)
2. Study of five equipments in Sericulture. (E) - Compulsory
3. Preparation of a map showing distribution of silk moth and rearing/ sericulture practices in India. (E)
4. Compulsory submission of Photographs/ sketches of Mulberry, Tassar, Eri and Muga silkmths. (E)

Agricultural Pests and their control -

1. Study of following insect pests with respect to marks of identification, nature of damage, economic importance and control measures. (D)
 - a) Jowar stem borer,
 - b) Red cotton bug,
 - c) Brinjal fruit borer,
 - d) Mango stem borer.
2. Study of following pests with respect to marks of identification, nature of damage, economic importance and control measures. (D)
 - a) Blister beetle,

- b) Rice weevil,
 - c) Pulse beetle,
 - d) Tick.
3. Study of any two non insect pests corresponding to theory course. (D)
 4. Compulsory submission of at least five Insect Pests/ Photographs/ Sketches. (E)
 5. Study of pest control appliances (as per theory course). (D)
 6. Compulsory field visit to Sericulture farm/ Agricultural farm, report writing and submission.
(2 P).

Minimum 14 practicals must be conducted with at least Seven practicals from each paper.

Course Title: Animal Diversity - IV

Course Code: ZO – 241

Semester - IV

(2 credits – 30 Hours)

1. Introduction to class –Reptilia (04)

- 1.1 Salient features of class Reptilia with one example (name only) – *Chelone*, *Calotes*.
- 1.2 Venomous and Non-venomous snakes – Cobra, Russell’s viper, Rat snake, Grass snake.
- 1.3 Snake venom, symptoms, effect and cure of snake bite, first aid treatment of snakebite.
- 1.4 Desert adaptations in reptiles in brief.

2. Introduction to class –Aves (05)

- 2.1 Salient features of class Aves with two examples (names only) – Sparrow, Parrot.
- 2.2 Flight adaptations in birds.
- 2.3 Types of Beaks and feet in birds.
- 2.4 Migration in birds – Altitudinal, Latitudinal.

3. Introduction to class - Mammalia. (04)

- 3.1 Salient features of class Mammalia with two examples (names only) – Rat, Rabbit.
- 3.2 Egg laying mammals.
- 3.3 Aquatic adaptations in mammals.
- 3.4 Flying adaptations in mammals.
- 3.5 Cursorial and fossorial adaptation in mammals

4. Study of Rat (17)

- 4.1 Systematic position, habit and habitat. 01
- 4.2 External characters. 01
- 4.3 Digestive system, food and feeding. 02
- 4.4 Respiratory system. 02
- 4.5 Blood vascular system – Structure of Heart. 02
- 4.6 Nervous system – Central Nervous system only. 03
- 4.7 Sense organs – Structure and functions of Eye & Ear. 03
- 4.8 Reproductive system. 03

Course Title - Applied Zoology II

Course Code - ZO-242

Semester IV

2 Credits- 30 lectures

1. Apiculture: 16

- 1.1 An introduction to Apiculture, Systematic position, Study of habit, habitat and nesting behaviour of *Apis dorsata*, *Apis indica*, *Apis florea* and *Apis mellifera*. 02
- 1.2 Life cycle, Colony organization and Division of labour. 02
- 1.3 Bee behaviour and communication (Round Dance and Wag-Tail Dance) . 02
- 1.4 Bee keeping equipments :
- a) Bee box (Langstroth type),
 - b) Honey extractor,
 - c) Smoker,
 - d) Bee-veil,
 - e) Gloves,
 - f) Hive tool,
 - g) Bee Brush,
 - h) Queen excluder. 02
- 1.5 Bee keeping and seasonal management. 02
- 1.6 Bee products (composition and uses) :
- a) Honey,
 - b) Wax,
 - c) Bee Venom,
 - d) Propolis,
 - e) Royal jelly,
 - f) Pollen. 02
- 1.7 Diseases and enemies of Bees :
- a) Bee diseases - Protozoan (Nosema), Bacterial (American foul brood), Viral (Sac brood), Fungal (Chalk brood).
 - b) Bee pests - Wax moth (Greater and Lesser), Wax beetle.
 - c) Bee predators - GreenBee eater, King crow, Wasp, Lizard. 02
- 1.8 Bee pollination and management of bee colonies for pollination. 02

2. Fisheries : 14

- 2.2 An introduction to fisheries and its types (in brief) : Freshwater fisheries, Marine fisheries, Brackish water fisheries. 02

2.3 Habit, habitat and culture methods of following freshwater forms :	03
a) Rohu (<i>Labeo rohita</i>),	
b) Catla (<i>Catla catla</i>),	
c) Mrigal (<i>Cirrhinus mrigala</i>).	
2.3 Harvesting methods of following marine forms:	03
a) <i>Harpodon</i> ,	
b) Mackerel,	
c) Pearl oyster.	
2.4 Crafts and Gears in Indian Fishery:	02
a) Crafts – Catamaran, Machwa, Dinghi.	
b) Gears – Gill net, Dol net, Rampani net, Cast net.	
2.5 Fishery byproducts:	02
a) Fish meal,	
b) Fish flour,	
c) Fish Liver oil,	
d) Fish manure,	
e) Fish fin soup.	
2.6 Fish preservation technique:	02
a) Chilling,	
b) Freezing,	
c) Salting,	
d) Drying,	
e) Canning.	

Course Title: Zoology Practical Paper

Course Code: ZO – 243

Semester - IV

(2 credits – 60 Hours)

Animal Diversity - IV

1. Museum study of Class Reptilia: Venomous & Non-venomous snake – Two each. (D)
2. Identification of Venomous & Non-venomous snakes with the help of pictorial taxonomic keys. – (D) -Compulsory
3. Museum study of Class Aves: Crow, *Kingfisher* & Duck. (D)
4. Study of types of beaks & feets in birds – Any two each. (D)
5. Museum study of Class Mammalia: Rat, Shrew & Bat. (D)
6. Study of external characters & digestive system of Rat. (D)
7. Study of Heart of Rat. - (D) -Compulsory
8. Study of brain of Rat. (D)
9. Study of reptilian / avian diversity in and around the campus (2 P) - (E) -Compulsory
10. Compulsory visit to Zoo / Wildlife sanctuary / Bird sanctuary, report writing and submission. (2 P)

Apiculture –

1. Study of external morphology, life cycle and polymorphism in Honey Bee. (D)
2. Temporary mounting of mouth parts, legs, wings and sting apparatus of worker bee. (E)
3. Study of Bee keeping Equipment: Bee box, Honey extractor, Smoker, Bee-veil, queen excluder. (D)- Compulsory
4. Study of Bee products: Honey, Wax, Venom, Royal jelly, Pollen. (D)
5. Estimation of carbohydrates from Honey in different samples. (D)- Compulsory
6. Study of Bee enemies: Wax moth, Bee eater, ant. (D)

Fisheries –

1. Identification, Classification and study of habit, habitat and economic importance of
a) Rohu (*Labeo rohita*), b) Catla (*Catla catla*), c) Mrigal (*Cirrhinus mrigala*). (D)
2. Identification, Classification and study of habit, habitat and economic importance of
a) Prawn, b) Crab, c) Lobster, d) Pearl Oyster. (D)
3. Study and maintenance of Aquarium. (D) - Compulsory

4. Study of crafts: **a)** Catamaran, **b)** Machwa, **c)** Dinghi (Photographs/models/line drawings). (D)
5. Study of gears in fishing: **a)** Gill net, **b)** Dol net, **c)** Rampani net, **d)** Cast net.
(Photographs/models/line drawings). (D)
7. Study of nutritional value of fish: Biochemical estimation of fish muscle proteins by using Biuret method. (E) - Compulsory
7. Compulsory study tour/field visit to Apiculture institute / Fish farm/ Aquarium. (E) (**2 P**).

Minimum 14 practicals must be conducted with at least Seven practicals from each paper.

Recommended Reference Books

Animal Diversity – III & IV

1. Text Books of Zoology, Invertebrates Vol- II, 1992, T.J.Parker and W.A. Haswel, Edited by Marshall and Williams, CBS publications and distribution, New Delhi.
2. Integrated Principles of Zoology, Eleventh Edition, Hickman CP, Roberts LS & Larson A. International Edition ISBN 0–07–118077–X, The McGraw-Hill Companies, Inc.,
3. Modern Text Book of Zoology, Vertebrates. R. L. Kotpal, 3rd edn. Rastogi Publications, Meerut.
4. Chordate Zoology, 1982, P.S.Dhami and J.K.Dhami, R. Chand and Co., New Delhi.
5. Biology, Campbell and Reece. 7th Edn. Pearson Education in South Asia, Delhi.
6. Young, J. Z. (2004). The Life of Vertebrates. III Edition. Oxford university press.
7. Pough H. Vertebrate life, VIII Edition, Pearson International.
8. Integrated Principles of Zoology, Eleventh Edition, Hickman C. P., Roberts L. S. & Larson A. International Edition ISBN 0–07–118077–X, The McGraw-Hill Companies, Inc.,
9. Arora M.P. Chordates I. Himalya Publications.
10. Organic Evolution. R.S. Lull. Light & Life Publishers.
11. Jordan E. L. & Verma P. S. 2003. Chordates Zoology. S. Chand & Company Ltd. New Delhi.
12. Biology, Campbell and Reece. 7th Edn. Pearson Education in South Asia, Delhi.

Applied Zoology I & II

1. Principles of Sericulture, 1994. Hisao Arguo, Oxford & Co.
2. An Introduction of Sericulture, 1995. G. Ganga, J. Sulochana, Oxford & IBH Publication Co. Bombay.
3. FAQ Manual of Sericulture. Vol I - Mulberry Cultivation, Vol II - Silkworm Rearing. Central Silk Board, Bangalore.
4. Mane, P.C., Chaudhari R. D. et al. Highly sensitive label-free bio-interfacial colorimetric sensor based on silk fibroin-gold nanocomposite for facile detection of chlorpyrifos pesticide. Scientific Reports 2020, 10, 4198. <https://doi.org/10.1038/s41598-020-61130-y>
5. Entomology & Pest Management. Pedigo L. P. Prentice Hall, India 1996.
6. General & Applied Entomology, Nayar K. K. & T. N. Ananthkrishnan & B. V. Davis, Tata McGraw Hill Publication, New Delhi.
7. Insects. M. S. Mani, National Book Trust, India, 2006.
8. Insects & Mites of Crops in India. M. R. G. K. Nair – by ICAR, New Delhi.
9. The Science of Entomology. W. S. Romoser and J. G. Stoffolano, McGraw Hill Publication, 1988.

10. Agricultural Insect Pests of India and their Control, Dennis S. Hill, Cambridge University Press.
11. Applied Entomology. Vol. I & II. K. P. Srivastava. Kalyani Publication, Ludhiana, New Delhi.
12. Principles of Insect Pest Management. G. S. Dhaliwal and Ramesh Arora, Kalyani Publications, Ludhiana.
13. Pest Management and Pesticides: Indian Scenario. Editor- B. Vasantaraj David, Namrutha Publications, Madras (Chennai).
14. Concepts of Insect Control. Ghosh M. R. Wiley Eastern Ltd. New Delhi.
15. Destructive and useful Insects, their habit and Control, 1973. C.L. Metcalf and W. P. Flint, Tata McGraw Hill Publications, New Delhi.
16. A Text Book of Entomology, 1974. V. K. Mathur and K. D. Upadhyay, Goel Printing Press, Barani.
17. Imm's general Text Book of Entomology, Vol I & II, Richard and Davis Owen.
18. Biology of Insects, 1992. S. C. Saxena. Oxford and IBH Publishing Co., New Delhi, Bombay, Calcutta.
19. Bee and Bee Keeping, 1978, Roger A. Morse, Conell University Press, London.
20. The Behaviour & Social Life of Honey Bees, C. R. Ribbandas, Dover Publication inc. New York.
21. Fishes. Mary Chandy. National Book Trust India, 2005.
22. Economic Zoology, Shukla Upadhyay, Rastogi Publication, Meerut, India, 1998.
23. Fisheries Developments, K. K. Trivedi, Oxford and IBH Pub. Co.
24. Marine Fishes in India, 1990, D.V. Bal & K. Virabhdra, Tata McGraw Hill Publication.
25. Fishery Management, 1990, S. C. Agarwal, Avinash Publication House, New Delhi.

Note – Use latest editions of the books.

Savitribai Phule Pune University [SPPU]

B.Sc. (Chemistry)

(Three Years Integrated Degree Program)

Choice Based Credit System [CBCS]

2019 Pattern

Second Year Bachelors of Science

(S. Y. B. Sc.)

From Academic Year

2020-21

Board of Studies in Chemistry

Savitribai Phule Pune University [SPPU]

Pune-411007

Structure of S. Y. B. Sc. Chemistry

(According to CBCS – 2019 Pattern of SPPU)

Semester	Course	Discipline Specific Core (DSCC)*
III	Theory	CH-301 : Physical and Analytical Chemistry (2 credit, 36 L)
	Theory	CH-302 : Inorganic and Organic Chemistry (2 credit, 36 L)
	Practical	CH-303 : Chemistry Practical - III (2 credit, 72 L)
IV	Theory	CH-401 : Physical and Analytical Chemistry (2 credit, 36 L)
	Theory	CH-402 : Inorganic and Organic Chemistry (2 credit, 36 L)
	Practical	CH-403 : Chemistry Practical - IV (2 credit, 72 L)

***Important Notice:**

- i. Each lecture (L) will be of 50 minutes.
- ii. Each practical of 4 hours and 12 practical sessions per semester
- iii. 12 weeks for teaching 03 weeks for evaluation of students (theory as well as practical).
- iv. For details refer UG rules and regulations (CBCS for Science program under Science & Technology) published on SPPU website.

Evaluation Pattern (As per CBCS rules, SPPU 2019 Pattern)

1. Each theory and practical course carry 50 marks equivalent to 2 credits.
2. Each course will be evaluated with Continuous Assessment (CA) and University Assessment (UA) mechanism.
3. Continuous assessment shall be of 15 marks (30%) while university Evaluation shall be of 35 marks (70%).
4. To pass each course, a student has to secure 40% mark in continuous assessment as well as university assessment i.e. 6 marks in continuous assessment and 14 marks in university assessment for the respective course.
5. For Continuous Assessment (internal assessment) minimum two tests per paper must be organized, of which one must be written test of 10 marks.
6. Method of assessment for internal exams: Viva-Voce, Project, survey, field visits, tutorials, assignments, group discussion, etc. (on approval of the head of centre).

Theory - University Assessment Question Paper Pattern**(According to CBCS - 2019 Pattern of SPPU)**

Note that in theory question paper weightage will be given to each topics equivalent to number of lectures assigned in the syllabus.

Total Marks: 35		Duration: 2 Hours	
Note: i) Question -1 will be compulsory (5 marks). ii) Solve any three questions from question 2- 5. iii) Questions 2 to 5 carry equal marks (10 each).			
Q-1		Solve any five of the following (a) (b) (c) (d) (e) (f)	a) four tricky questions and b)two question on problem type (if applicable). 5 marks
Q-2	(A)	Describe type of question(s) i) ii)	6 mark
	(B)	Short question, but tricky	4 mark
Q-3	(A)	Explain type of question(s) i) ii)	6 mark
	(B)	Problem based question if applicable. Justification type of question	4 mark
Q-4	(A)	Discuss type of question(s) i) ii)	6 mark
	(B)	Problem based question if applicable. Justification type of question	4 mark
Q-5		Attempt any two of the following (A) Questions A, B, C, - will be Explain, Derivation, Discuss, Notes, (B) etc. type of long questions (C)	10 mark

S. Y. B. Sc. Chemistry Syllabus**(CBCS - 2019 Semester Pattern)****From Academic Year 2020-21****Equivalence with Previous Syllabus (2013 Pattern)**

New Course (2019 Pattern)	Old Course (2013 Pattern)
CH-301 : Physical and Analytical Chemistry	CH-211 : Physical and Analytical Chemistry
CH-302 : Inorganic and Organic Chemistry	CH-212 : Organic and Inorganic Chemistry
CH-303 : Chemistry Practical - III	CH-223 : Chemistry Practical
CH-401 : Physical and Analytical Chemistry	CH-221 : Physical and Analytical Chemistry
CH-402 : Inorganic and Organic Chemistry	CH-222 : Organic and Inorganic Chemistry
CH-403 : Chemistry Practical - IV	CH-223 : Chemistry Practical

Preamble:

The syllabus of Chemistry for second year has been redesigned for Choice based Credit System (CBCS: 2019 pattern) to be implemented from 2020-21.

In CBCS pattern semester system has been adopted for FY, SY and TY which includes Discipline Specific Core Course (DSCC) at F Y level, Ability Enhancement Compulsory Course (AECC), Discipline Specific Elective Course (DSEC) and Skill Enhancement Course (SEC). A DSCC course has been introduced at FY level and AECC courses at SY level along with DSEC. At TY level DSEC and SEC courses has been introduced.

Syllabus for Specific Core Courses of Chemistry (2 Theory and 1 Practical) subject for F. Y. B. Sc. is to be implemented from the year 2019-20. Syllabus for S. Y. and T. Y. B. Sc. will be implemented from the year 2020-21 and 2021-22 respectively as per structure approved.

Learning Outcome:

1. To understand basic concept/principles of Physical, Analytical, Organic and Inorganic chemistry.
2. To impart practical skills and learn basics behind experiments.
3. To prepare background for advanced and applied studies in chemistry.

Overall Syllabus

SEMESTER-III			
Sr. No.	Course Code	Course Name	Credits and No of Lect.
1	CH-301	Physical and Analytical Chemistry	Credit -2, 36 L
2	CH-302	Inorganic and organic Chemistry	Credit -2, 36 L
3	CH-303	Practical Chemistry-III	Credit -2, 72 L
SEMESTER-IV			
4	CH-401	Physical and Analytical Chemistry	Credit -2, 36 L
5	CH-402	Inorganic and organic Chemistry	Credit -2, 36 L
6	CH-403	Practical Chemistry-IV	Credit -2, 72 L

The detailed Semester and Course wise of Syllabus is as follows:

SEMESTER-III

CH-301: Physical and Analytical Chemistry [Credit -2, 36 L]

Chapter No.	Chapter	No of Lectures
1	Chemical Kinetics	12
2	Surface Chemistry	06
3	Errors in Quantitative Analysis	05
4	Volumetric analysis	13

1. Chemical Kinetics:

[12 L]

Introduction to kinetics, the rates of chemical reactions – definition of rates, rate laws and rate constants, reaction order and molecularity, determination of rate law, factors affecting reaction rates, integrated rate laws – zeroth-order reactions, first-order reactions, second-order reactions (with equal and unequal initial concentration of reactants), half-life period, methods for determination order of a reactions, Arrhenius equation- temperature dependence of reaction rates, interpretation of Arrhenius parameters, reaction dynamics - collision theory and transition-state theory of bimolecular reactions, comparison of the two theories, Problems.

(*Ref. No: 1- 725-728, 731-733, 741-742, 780-784, 792-794, Ref. No: 2- 1033- 1067*)

Learning Outcome:

After studying the Chemical Kinetics student will able to-

1. Define / Explain concept of kinetics, terms used, rate laws, molecularity, order.
2. Explain factors affecting rate of reaction.
3. Explain / discuss / derive integrated rate laws, characteristics, expression for half-life and examples of zero order, first order, and second order reactions.
4. Determination of order of reaction by integrated rate equation method, graphical method, half-life method and differential method.
5. Explain / discuss the term energy of activation with the help of energy diagram.
6. Explanation for temperature coefficient and effect of temperature on rate constant k.
7. Derivation of Arrhenius equation and evaluation of energy of activation graphically.
8. Derivations of collision theory and transition state theory of bimolecular reaction and comparison.
9. Solve / discuss the problem based applying theory and equations.

2. Surface Chemistry**[6L]**

Introduction to surface chemistry - some basic terms related to surface chemistry adsorption, adsorption materials, factors affecting adsorption, characteristics of adsorption, types of adsorption, classification of adsorption isotherms, Langmuir adsorption isotherm, Freundlich's adsorption isotherm, BET theory (only introduction), application of adsorption, problems. (*Ref. No:1- 824-826, 832-837, Ref. No: 2- 1251-1264; Ref. No: 3- 932-938*)

Learning Outcomes

- Define / explain adsorption, classification of given processes into physical and chemical adsorption.
- Discuss factors influencing adsorption, its characteristics, differentiates types as physisorption and Chemisorption
- Classification of Adsorption Isotherms, to derive isotherms.
- Explanation of adsorption results in the light of Langmuir adsorption isotherm, Freundlich's adsorption Isotherm and BET theory.
- Apply adsorption process to real life problem.
- Solve / discuss problems using theory.

Reference Books (Physical Chemistry)

1. Atkins' Physical Chemistry by Peter Atkins, Julio de Paula, James Keeler -11th edition
2. Principles of physical chemistry by B.R. Puri, L.R. Sharma, M.S. Pathania
3. Essentials of Physical chemistry by BahlTuli-Revised Multicolour Edition 2009, S. Chand and Company Ltd.
4. Physical-Chemistry-4th Edition - Gilbert W. CastellanNarosa (2004).
5. Principles of ChemicalKinetics-2rdEdition- James E. House
6. Barrow, G.M. Physical Chemistry Tata McGraw-Hill (2007).
7. Principles of Physical Chemistry, Fourth Edition by S.H. Marron and C. F. Pruton
8. Kotz, J.C., Treichel, P.M. & Townsend, J.R. General Chemistry, Cengage Learning India Pvt. Ltd.: New Delhi (2009).
9. Mahan, B.H. University Chemistry, 3rd Ed. Narosa (1998).
10. Petrucci, R.H. General Chemistry, 5th Ed., Macmillan Publishing Co. New York, 1985).
11. Physical Chemistry by Thomas Engel, Philip Reid, Warren Hehre.

3. Errors in Quantitative Analysis**[5 L]**

Introduction to errors, limitations of analytical methods, classifications of errors, accuracy, precision, minimization of errors, significant figures and computation, methods of

expressing accuracy and precision: mean and standard deviations, reliability of results and numerical. (**Ref-1:** 127-138, *supplementary references-* **Ref-2:** 62-75, **Ref-3:** 82-121)

Learning Outcomes

- Define, explain and compare meaning of accuracy and precision.
- Apply the methods of expressing the errors in analysis from results.
- Explain / discuss different terms related to errors in quantitative analysis.
- Apply statistical methods to express his / her analytical results in laboratory.
- Solve problems applying equations.

4. Volumetric Analysis

[13 L]

Introduction to volumetric analysis, classification of reactions in volumetric analysis, standard solutions, equivalents, normalities, and oxidation numbers, preparation of standard solutions, primary and secondary standards. **Types of Volumetric Analysis methods:**

1. Neutralization titrations: Theory of indicators, neutralization curves for strong acid strong base, weak acid strong base, weak base strong acid. Preparation of approximate 0.1 M HCl and standardization against anhydrous sodium carbonate, determination of Na_2CO_3 content in washing soda. **2. Complexometric Titrations:** Definition of complexing agent and complexometric titration, EDTA-as complexing agent (structure of EDTA and metal ion-EDTA complex), Types of EDTA titration (direct and back titration), pH adjustment and amount of indicator in EDTA titration, metal ion indicators (general properties, solochrome black – T, Patton and Reeder's indicator only), standard EDTA solution, determination of Ca(II) and Mg(II), total hardness of water. **3. Redox Titrations:** Definition of oxidizing agent, reducing agent, redox titration, $\text{K}_2\text{Cr}_2\text{O}_7$ and KMnO_4 as oxidizing agents, 1,10-phenanthroline as indicator in reduction titration, diphenyl amine as oxidation indicator, KMnO_4 as self-indicator, Standard KMnO_4 solution and standardization with sodium oxalate, Determination of H_2O_2 . **4. Precipitation titrations:** precipitation reactions, determination of end point (formation of coloured ppt, formation of soluble coloured compound, adsorption indicator), standard AgNO_3 soln., standardization of AgNO_3 soln. – potassium chromate indicator- Mohr's titration, determination of chloride and bromide, determination of iodide. Problems based on analysis.

(**Ref-1:** Pages-257-275, 286, 295, 309 -322, 328-332, 340-351, 364-372.; *supplementary reference* **Ref-2:** 382-302, 322-334, 366-374, 437-452)

Learning Outcome:

After studying the Volumetric Analysis student will able to-

1. Explain / define different terms in volumetric analysis such as units of concentration, indicator, equivalence point, end point, standard solutions, primary and secondary standards, complexing agent, precipitating agent, oxidizing agent, reducing agent, redox indicators, acid base indicators, metallochrome indicators, etc.
2. Perform calculations involved in volumetric analysis.
3. Explain why indicator show colour change and pH range of colour change.
4. To prepare standard solution and **b.** perform standardization of solutions.
5. To construct acid – base titration curves and performs choice of indicator for particular titration.
6. Explain / discuss acid-base titrations, complexometric titration / precipitation titration / redox titration.
7. Apply volumetric methods of analysis to real problem in analytical chemistry / industry.

Reference Books: (Analytical Chemistry)

1. Vogel's Textbook of quantitative Chemical Analysis, 5th Ed. G. H. Jeffry, J. Basset, J. Mendham, R. C. Denney, Longman Scientific and Technical, 1989.
 2. Analytical Chemistry, G. D. Christian, P. K. Dasgupta, K. A. Schug, 7th Ed, Wily, 2004.
 3. Fundamentals of Analytical Chemistry- Skoog, west, Holler, Crouch, 9th Ed. Brooks / Cole, 2014/2004.
 4. Basic Concept of Analytical Chemistry- S. M. Khopkar
 5. Instrumental methods of chemical analysis- Chatwal Anand
 6. Analytical Chemistry, G.R. Chatwal, Sham Anand.
-

CH-302: Inorganic and Organic Chemistry [2Credit, 36 L]

Chapter No.	Chapter	No of Lectures
1	Molecular Orbital Theory of Covalent Bonding	13
2	Introduction to Coordination chemistry	05
3	Aromatic hydrocarbons	05
4	Alkyl and Aryl Halides	07
5	Alcohols, Phenols and Ethers	06

1. Molecular Orbital Theory of Covalent Bonding**[13 L]**

Introduction to Molecular Orbital Method (MOT) and postulates of MO theory, LCAO approximation, s-s combination of orbitals, s-p combination of orbitals, p-p combination of orbitals, p-d combination of orbitals, d-d combination of orbitals, non-bonding combination of orbitals, Rules for linear combination of atomic orbitals, example of molecular orbital treatment for homonuclear diatomic molecules: Explain following molecules with respect to MO energy level diagram, bond order and magnetism: H_2^+ molecule ion, H_2 molecule, He_2^+ molecule ion, He_2 molecule, Li_2 molecule, Be_2 molecule, B_2 molecule, C_2 molecule, N_2 molecule, O_2 molecule, O_2^- and O_2^{2-} ion, F_2 molecule, Heteronuclear diatomic molecules: NO , CO , HF .

(Ref-1:89-112, Ref-4: 278-292, Ref-5: 33-38)

Learning Outcome:

After studying the Molecular Orbital Theory student will able to-

1. Define terms related to molecular orbital theory (AO, MO, sigma bond, pi bond, bond order, magnetic property of molecules, etc).
2. Explain and apply LCAO principle for the formation of MO's from AO's.
3. Explain formation of different types of MO's from AO's.
4. Distinguish between atomic and molecular orbitals, bonding, anti-bonding and non-bonding molecular orbitals.
5. Draw and explain MO energy level diagrams for homo and hetero diatomic molecules. Explain bond order and magnetic property of molecule.
6. Explain formation and stability of molecule on the basis of bond order.
7. Apply MOT to explain bonding in diatomic molecules other than explained in syllabus.

2. Introduction to Coordination Compounds**[5 L]**

Double salt and coordination compound, basic definitions: *coordinate bond, ligand, types of ligands, chelate, central metal ion, charge on complex ion, calculation of oxidation state of central metal ion, metal ligand ratio*; Werner's work and theory, Effective atomic number, equilibrium constant (**Ref-6: 138-140**), *chelate effect, IUPAC nomenclature*. (**Ref-1: 194-200, 222-224; Ref-4: 483-492**)

Learning Outcome:

After studying the Introduction to Coordination Compounds student will able to-

1. Define different terms related to the coordination chemistry (double salt, coordination compounds, coordinate bond, ligand, central metal ion, complex ion, coordination number, magnetic moment, crystal field stabilization energy, types of ligand, chelate effect, etc.)
2. Explain Werner's theory of coordination compounds. Differentiate between primary and secondary valency. Correlate coordination number and structure of complex ion.
3. Apply IUPAC nomenclature to coordination compound.

Reference Books: (Inorganic Chemistry)

1. Concise Inorganic Chemistry, J. D. Lee, 5th Ed (1996) Blackwell Science
2. Inorganic Chemistry, James E. House, Academic Press (Elsevier), 2008
3. Inorganic Chemistry by Miessler and Tarr, Third Ed. (2010), Pearson.
4. Principles of Inorganic Chemistry, Brian W. Pfennig, Wiley (2015)
5. Inorganic Chemistry, Catherine Housecroft, Alan G. Sharpe, Pearson Prentis Hall, 2008.
6. Basics Inorganic Chemistry, Cotton and Wilkinson

3. Aromatic Hydrocarbons:**[5 L]**

Introduction and IUPAC nomenclature, preparation (Case benzene): from phenol, by decarboxylation, from acetylene, from benzene sulphonic acid. *Reactions* (Case benzene): Electrophilic substitution: nitration, halogenation and sulphonation. Friedel-Craft's reaction (alkylation and acylation) (up to 4 carbons on benzene). Side chain oxidation of alkyl benzenes (up to 4 carbons on benzene).

(**Ref-1: 493-513**)

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Identify and draw the structures aromatic hydrocarbons from their names or from structure name can be assigned.

2. Explain / discuss synthesis of aromatic hydrocarbons.
3. Give the mechanism of reactions involved.
4. Explain /Discuss important reactions of aromatic hydrocarbon.
5. To correlate reagent and reactions.

4. Alkyl and Aryl Halides:**[7 L]**

Alkyl Halides (up to 5 Carbons): Introduction and IUPAC nomenclature, Types of Nucleophilic Substitution (SN^1 , SN^2 and SNi) reactions. *Preparation:* from alkenes and alcohols. *Reactions:* hydrolysis, nitrite & nitro formation, nitrile & isonitrile formation. Williamson's ether synthesis: Elimination vs. substitution.

Aryl Halides: Introduction and IUPAC nomenclature, *Preparation:* (Chloro, bromo and iodo-benzene case): from phenol, Sandmeyer and Gattermann reactions. *Reactions (Chlorobenzene):* Aromatic nucleophilic substitution (replacement by $-OH$ group) and effect of nitro substituent. Benzyne Mechanism: KNH_2/NH_3 (or $NaNH_2/NH_3$). Reactivity and Relative strength of C-Halogen bond in alkyl, allyl, benzyl, vinyl and aryl halides.

(*Ref.-1: 165-211 and 943-967*)

Learning Outcome:

After studying the Alkyl and Aryl Halides student will able to-

1. Identify and draw the structures alkyl / aryl halides from their names or from structure name can be assigned.
2. Explain / discuss synthesis of alkyl / aryl halides.
3. Write / discuss the mechanism of Nucleophilic Substitution (SN^1 , SN^2 and SNi) reactions.
4. Explain /Discuss important reactions of alkyl / aryl halides.
5. To correlate reagent and reactions.
6. Give synthesis of expected alkyl / aryl halides.

5. Alcohols, Phenols and Ethers (Up to 5 Carbons):**[6 L]**

Alcohols: Introduction and IUPAC nomenclature, *Preparation:* Preparation of 1o, 2o and 3o alcohols: using Grignard reagent, ester hydrolysis, reduction of aldehydes, ketones, carboxylic acid and esters. *Reactions:* with sodium, HX (Lucas test), esterification, oxidation (with PCC, alc. $KMnO_4$, acidic dichromate, conc. HNO_3). Oppeneauer oxidation *Diols:* (Up to 6 Carbons) oxidation of diols. Pinacol-Pinacolone rearrangement.

Phenols (Phenol case): Introduction and IUPAC nomenclature, *Preparation:* Cumene hydroperoxide method, from diazonium salts. *Reactions:* Electrophilic substitution: Nitration, halogenation and sulphonation. Reimer-Tiemann Reaction, Gattermann Reaction, Houben–Hoesch Condensation, Schotten–Baumann Reaction. **Ethers (aliphatic and aromatic):** Cleavage of ethers with HI.

(Ref-1: 213-244 and 889-912)

Learning Outcome:

After studying the Alcohols and Phenols student will able to-

1. Identify and draw the structures alcohols / phenols from their names or from structure name can be assigned.
2. Able to differentiate between alcohols and phenols
3. Explain / discuss synthesis of alcohols / phenols.
4. Write / discuss the mechanism of various reactions involved.
5. Explain /Discuss important reactions of alcohols / phenols.
6. To correlate reagent and reactions of alcohols / phenols
7. Give synthesis of expected alcohols / phenols.

References: (Organic Chemistry)

1. Morrison, R.T. & Boyd, R.N. *Organic Chemistry*, Prentice Hall of India, Sixth Edition, 2002, 283-308.

Other Reference Books for All Chapters:

2. Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers *Organic Chemistry* - Oxford University Press, USA, 2nd Ed.
 3. Bahl, A. and Bahl, B.S. *Advanced Organic Chemistry*, S. Chand, 2010.
 4. Graham Solomon, T.W., Fryhle, C.B. & Snyder, S.A. *Organic Chemistry*, John Wiley and Sons (2014).
 5. Mc Murry, J.E. *Fundamentals of Organic Chemistry*, 7th Ed. Cengage Learning India Edition, 2013.
 6. Sykes, P. *A Guidebook to Mechanism in Organic Chemistry*, Orient Longman, New Delhi (1988).
 7. Finar, I. L. *Organic Chemistry* (Vol. I and II), E.L.B.S.
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CH-303: Practical Chemistry-III [2 credit, 72* L]

* 72 L distributed as 58 L for performing practicals and 14 L for internal evaluation.

For practicals, see the manual prepared by BOS of Chemistry. The examination will be held according to this manual.

Instructions

1. Use molar concentrations for volumetric /estimations/synthesis experiments.
2. Use optimum concentrations and volumes
3. Two burette method should be used for volumetric analysis (Homogeneous mixtures)
4. Use of Microscale technique is recommended wherever possible

A. Chemical Kinetics: (Any Three)

1. To Study the Acid catalysed hydrolysis of an ester (methyl Acetate) and determine the rate constant (k). (first order reaction)
2. To study the kinetics of saponification reaction between sodium hydroxide and ethyl acetate.
3. To compare the relative strength of HCl and H₂SO₄ or HNO₃ by studying the kinetics of hydrolysis of methyl acetate.
4. Energy of activation of the reaction between K₂S₂O₈ and KI with unequal initial concentration.

OR

4. To determine the order of the reaction with respect to K₂S₂O₈ by fractional life method following the kinetics of per sulphate-iodide reaction.

References:

- i) Systematic experimental physical chemistry, S. W. Rajbhoj, T. K. Chondekar, Anjali publication.
- ii) Practical Physical Chemistry, Vishwanathan and Raghwan , Viva book.
- iii) Practical Chemistry, O. P. Pandey, D. N. Bajpai Dr. S. Giri, S Chand Publication
- iv) Experiments in Chemistry, D. V. Jahagirdar, Himalaya Publication.

B. Inorganic quantitative / qualitative analysis (Any two)

1. Estimation of Fe(III) from given solution by converting it to Fe(II) using Zn metal and then by titrating with standard solution of K₂Cr₂O₇-A Green Approach (Ref.-1,3).

2. Determination of BaCO_3 content in a given sample by precise determination of volume of CO_2 (Ref-2).
3. Separation and Identification of metal ions by Paper Chromatography (Ref.,4,5)

References:

1. Iron Analysis by Redox Titration A General Chemistry Experiment, *Journal of Chemical Education*, Volume 65, Number 2, February 1988.183.
2. A Precise Method for Determining the CO_2 Content of Carbonate Materials, *Journal of Chemical Education*, Vol. 75, No. 12, December 1998.
3. Vogel's Textbook Quantitative Chemical Analysis, 3rd and 6th Ed.
4. Advanced Practical Chemistry, Jagdamba Sing et al, Pragati Prakashan, Merrut.
5. Practical Chemistry, Panday, Bajpai, Giri, S.Chand and Co.

C. Organic Qualitative Analysis (Two mixtures: solid-solid type)

1. **Separation of Two Components** from given binary mixture of organic compounds containing mono-functional group (Ex. - carboxylic acid, phenols, amines, amide, nitro, etc.) and systematic identification of each component qualitatively.

D. Organic Preparations (Any two)

1. Preparation of benzoic acid from ethyl benzoate (Identification and confirmatory Test of $-\text{COOH}$ group, M.P and purity by TLC)
2. Acetylation of primary amine (Green approach)
3. Base catalyzed Aldol condensation (Green approach)
4. Preparation of Quinone from hydroquinone (Confirm the conversion by absence of phenolic $-\text{OH}$ group in product, M.P and purity by TLC)

E. pH Metry (Compulsory)

4. To determine equivalence point of neutralisation of acetic acid by pH-metric titration with NaOH and to find best indicator for the titration.

F. Volumetric Analysis (Any two)

1. Estimation of Aspirin from a given tablet and find errors in quantitative analysis. (*Standardization of acid must be performed with standard Na_2CO_3 solution, prepared from dried anhydrous AR grade Na_2CO_3*)
2. Determination of acetic acid in commercial vinegar by titrating with standard NaOH. Express your results as average \pm standard deviation. (*Standardization of base must be performed with standard KHP*)

3. Determination of Hardness of water from given sample by complexometric titration (Using E.D.T.A.) method and total dissolve solids by conductometry. Express your results as average \pm standard deviation. (*Standardization of Na₂EDTA must be performed with standard Zn(II) solution*)

Reference:

1. Vogel's Textbook Quantitative Chemical Analysis, 3rd and 5th Ed.
2. Experiments in chemistry, D. V. Jahagirdar, Himalaya Publication.

Examination Pattern: At the time of examination student will have to perform one experiment. In case of organic qualitative analysis, after separation of binary mixture any one component has to be analysed according to OQA scheme. Distribution of 35 marks: 30 marks for experimental performance and 5 mark for oral.

To cope up with NACC criterion and to motivate and inculcate research culture among the students, interested students can be assigned mini-scale project. Project should be based either on applications of chemistry in day to day life or application or novel / applied synthesis / demonstrating principles of chemistry. The project work is equivalent to three experiments. *Student performing project can be exempted from 3 experiments from two semester. (*from three different sections of two semester) and project will be evaluated by external examiner. Project being choice based activity; student will not get any exemption in external examination.* Systematic project report (Name page, certificate, introduction/theory, importance of project, learning outcome, requirements, safety precautions, procedure, observations, calculations, results and conclusions) be submitted separately in binding form duly certified by mentor teacher and HOD.

Illustrative list of some projects is given below for your perusal.

1. Synthesis of soap from different types of oils with respect to i) percent yield ii cost of obtaining 50 g soap (students will learn saponification or alkaline hydrolysis of oils – a chemical reaction for the synthesis of day to day life product, which oil is better for soap making).
2. Synthesis of biodegradable plastic (Principles demonstrated: Chemical reactions for mores safe products and to mitigate environmental pollution).
3. Synthesis of azo dyes and effect substituents of benzene ring on colour of azo dye (Principle demonstrated -Inductive effect a visible demonstration, strategy to charge the colour of dye, chemical reactions for industries).

4. Quality of Consumer products: identification reactions and Purity of NaHCO_3 (eating soda) of different brands by thermal decomposition. (Application of analytical chemistry and simple decomposition reaction for the determination of purity of consumer product)
5. Determination pH, surface tension, CMC and washing action of detergent of different brands for comparing their quality. (Application of chemistry principles in determination of quality of consumer product)
6. Removal of dyes / nitrophenols / by Fenton's process or by adsorption on activated charcoal. (Applications of principles of chemistry in mitigation of environmental pollution, an industrial application of chemistry).
7. Study of deionization water using cation and anion exchange resins / zeolites. Amount of zeolites / resin required for the softening of water. (Day to day life application of chemistry, student can apply their knowledge and can construct their own deionizer).
8. Preparation shampoo. Ingredients required, their proportion, mixing and testing.
9. Eudiometer: Determination of oxidation state, equivalent wt. and determine stoichiometry of the reaction between i) iron metal and HCl. Fe can have oxidation state +2 or +3. ii) Zn and HCl iii) Al and HCl. What happens with HNO_3 ? Why similar method cannot used to investigate reaction between HNO_3 and these metals?
10. Study stoichiometry of simple chemical reactions thereby determination of equivalent wt. of one of the reactant: i) $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ and KMnO_4 (determine equivalent wt. of KMnO_4) ii) Mn(II) and KMnO_4 (determine equivalent wt. of KMnO_4). Explain the concept of variable oxidation state and variable equivalent wt. for same substance i.e. mol. wt. is constant. (Known Fe^{2+} oxidizes to Fe^{3+} only).
11. Synthesis /isolation of essences, purity by TLC/ B.P. (at least two).
12. Synthesis and estimation of purity of aspirin (medicinal compound) by green chemistry route.
13. Compare the paracetamol content in tablet of different brands (at least three different brands).
14. Compare the vitamin-c content in tablet of different brands. (at least three different brands).
15. Determination of Avagadro Number (N) by various technics such as Brownian Moment, Electrodeposition, number of molecules in monolayer etc.
16. Hess Law verification
- 17 Determination of Faraday constant and Avagadro number
- 18 To determine thermodynamic values of various compounds

- 19 To determine density of various substances
- 20 Preparation of Nylon and study its properties
- 21 Microscale techniques in Chemistry

References:

1. A laboratory manual for general, organic and biological chemistry, 3rd Ed. Pearson.
2. Safety-Scale Laboratory Experiments for Chemistry for Today: General, Organic and Biochemistry Seventh Edition, Spencer L. Seager, Michael R. Slabaugh, Cengage Learning, 2010
3. Laboratory Manual for Principles of General Chemistry, Bearen, 8th Ed. Wiley.
4. Green Chemistry Laboratory Manual for General Chemistry, Sally A. Henrie, CRC Press Taylor & Francis Group, and Informa Business. 2015
5. Experiments in General Chemistry, G. S. Weiss T. G. Greco L. H. Rickard, Ninth Edition, Pearson Education Limited, 2014.
6. Mini-scale and micro-scale organic chemistry laboratory experiments 7th Ed. Schoffstall, Gaddis, Mc-Graw-Hill Higher Education, 2004.
7. Journal of Chemical Education, ACS, (search relevant topics).

II. Students short activity (for both semesters)

These are the extra-time activities for the students which can be performed with the permission of mentor. Mentor can arrange a demonstration on these activities to explain basic principles of chemistry. **Teacher can design many such activities to explain theory that you taught in the class.** Systematic report of activity performed be written in journal. Sample list of small activities is given below. These short activities can be considered for internal evaluation. Some activities are given below.

1. Amphoteric nature of $\text{Al}(\text{OH})_3$ (Principle demonstrated-demonstration of amphoteric nature substance and why $\text{Al}(\text{OH})_3$ is used in antacid preparations)
2. Enzyme deactivation by Hg^{2+} (Principle demonstrated-catalyst deactivation and toxicity effect of Hg^{2+})
3. Adsorption of dyes on activated charcoal (Principle demonstrated and application- surface adsorption for removal of dyes from effluents)
4. Detection of adulteration in milk / chilli powder / turmeric powder / food colours
5. Use of EXCEL in drawing of graphs and calculations.
6. Catalysis by $\text{Mn}(\text{II})$ in KMnO_4 -Oxalic acid titration. (Principle, demonstrated - Homogeneous catalysis)

7. Identification of type of salt (strong acid – strong base, strong acid – weak base, weak acid – strong base) by hydrolysis reactions and indicators. (Principle demonstrated – hydrolysis reaction of salts, it really takes place)
8. Identification of inorganic ions in soft drinks / tooth paste, form of iodide in table salt / waste water / bore well water.
9. Spectrochemical series using CuSO_4 solution and i) NaCl, ii) KBr, iii) Ammonia, iv) ethylene diamine, v) salicylic acid [correlate colour with wavelength and predict ligand strength]
10. Green Chemistry principles in Organic Chemistry.

References: Journal of Chemical Education, ACS, (search relevant topics).

Learning Outcome- Practical Chemistry-III

1. Verify theoretical principles experimentally.
2. Interpret the experimental data on the basis of theoretical principles.
3. Correlate theory to experiments. Understand/verify theoretical principles by experiment observations; explain practical output / data with the help of theory.
4. Understand systematic methods of identification of substance by chemical methods.
5. Write balanced equation for the chemical reactions performed in the laboratory.
6. Perform organic and inorganic synthesis and is able to follow the progress of the chemical reaction by suitable method (colour change, ppt. formation, TLC).
7. Set up the apparatus / prepare the solutions - properly for the designed experiments.
8. Perform the quantitative chemical analysis of substances explain principles behind it.
9. Systematic working skill in laboratory will be imparted in student.

Important Notes:

- i) Wherever feasible develop and practice micro or semi-micro methods from known / recommended procedures and the reference books. This is to i) minimize the cost of experiment, ii) reduce wastage of chemicals iii) reduce environmental pollution.
- ii) Mentor should promote students to ***complete the Journal on the same day before leaving of the lab***. Ensure that the original data is retained and used by the candidate. Students may adjust the data from their lab work to reach close to theoretical values. If journal is completed before leaving the lab it will not encourage students to “adjust” the facts from their lab work. (Ref-Journal of Chemical Education, Min J. Yang and George F. Atkinson, Designing New Undergraduate Experiments, Vol. 75, No. 7, July 1998).

Internal Evaluation Strategy for practical (Both semester):

During start of the practical course methodology of internal evaluation should be discussed with students. Internal evaluation is a continuous assessment (CA). Hence during each practical, internal evaluation must be done with different tools. **Guidelines for internal evaluation:** To each practical 15 marks can be assigned which can be distributed as follows:

Overall performance and timely arrival	Interaction	Accuracy of results	Journal /Lab report	Post laboratory quiz / assignment / oral
4	2	2	5	2

At the end of semester, average of 12 experiments can be assigned as internal marks out of 15. Systematic record of internal evaluation must be maintained which is duly sign by mentor and student. If student is absent with prior-intimation her/his absentee will be considered but student will have to complete the experiment in the same week or in with the permission of mentor. Mentor or practical in-charge should arrange the practical for such students. Students performing projects (one mini project equivalent to three practical session) / student activities (4 to 6 activities equivalent to three practical session) can be assigned up to 3 marks out of 15.

SEM SER-IV**CH-401: Physical and Analytical Chemistry [Credit: 2, 36 L]**

Chapter No	Chapter	No of Lectures
1	Phase Equilibrium	09
2	Ideal and Real Solutions	09
3	Conductometry	06
4	Colorimetry	06
5	Column Chromatography	06

1. Phase equilibrium**[9L]**

Introduction; definitions of phase, components and degrees of freedom of a system; stability of phases, criteria of phase equilibrium. Gibbs phase rule and its thermodynamic derivation, phase diagrams of one- component systems- water, carbon dioxide and sulphur systems, problems. (*Ref. No: 1, Page No- 119 - 126, Ref. No: 2, Page No – 661-675, Ref. No:4, Page No 344- 354*).

Learning Outcomes

- Define the terms in phase equilibria such as- system, phase in system, components in system, degree of freedom, one / two component system, phase rule, etc.
- Explain meaning and Types of equilibrium such as true or static, metastable and unstable equilibrium.
- Discuss meaning of phase, component and degree of freedom.
- Derive of phase rule.
- Explain of one component system with respect to: Description of the curve, Phase rule relationship and typical features for i) Water system ii) Carbon dioxide system iii) Sulphur system

Reference Books (Physical Chemistry)

1. Atkins' Physical Chemistry by Peter Atkins, Julio de Paula, James Keeler -11th edition
2. Principles of Physical chemistry by B.R. Puri, L.R. Sharma, M.S. Pathania
3. Essentials of Physical chemistry by Bahl Tuli-Revised Multicolour Edition 2009, S. Chand and Company Ltd.
4. Principles of Physical Chemistry, Fourth Edition by S.H. Marron and C. F. Pruton
5. Physical-Chemistry-4th Edition - Gilbert W. Castellan Narosa (2004).
6. Principles of Chemical Kinetics- 2nd Edition- James E. House.

7. Barrow, G.M. Physical Chemistry Tata McGraw-Hill (2007).
8. Kotz, J.C., Treichel, P.M. & Townsend, J.R. General Chemistry, Cengage Learning India Pvt. Ltd.: New Delhi (2009).
9. Mahan, B.H. University Chemistry, 3rd Ed. Narosa (1998).
10. Petrucci, R.H. General Chemistry, 5th Ed., Macmillan Publishing Co.: New York (1985).
11. Physical Chemistry by Thomas Engel, Philip Reid, Warren Hehre.

2. Ideal and real solutions

[9L]

Introduction, chemical potential of liquids - ideal solutions, ideal dilute solutions - Raoult's and Henry's Law, liquid mixtures, phase diagram of binary systems : liquids - vapour pressure diagrams, temperature composition diagrams, liquid-liquid phase diagrams, solubility of partially miscible liquids-critical solution temperature, effect of impurity on partially miscible liquids, Problems. (*Ref. No: 1, Page Nos- 150-153, 155-157, 166 – 175, Ref. No: 2, Page No. - 750-775, 696-705**Ref. No:4, Page No. 261-292, 298- 302*).

Learning Outcomes

- Define various terms, laws, differentiate ideal and non-ideal solutions.
- Discuss / explain thermodynamic aspects of Ideal solutions-Gibbs free energy change, Volume change, Enthalpy change and entropy change of mixing of Ideal solution.
- Differentiate between ideal and non-ideal solutions and can apply Raoult's law.
- Interpretation of i) vapour pressure–composition diagram ii) temperature- composition diagram.
- Explain distillation of liquid solutions from temperature – composition diagram.
- Explain / discuss azeotropes, Lever rule, Henry's law and its application.
- Discuss / explain solubility of partially miscible liquids- systems with upper critical. Solution temperature, lower critical solution temperature and having both UCST and LCST.
- Explain / discuss concept of distribution of solute amongst pair of immiscible solvents.
- Derive distribution law and its thermodynamic proof.
- Apply solvent extraction to separate the components of from mixture interest.
- Solve problem by applying theory.

3. Conductometry

[6 L]

Introduction, Electrolytic Conductance, Resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, variation of equivalent and specific conductance with concentrations, Kohlrausch's law and its applications, conductivity cell, conductivity meter, Wheatstone Bridge, determination of cell constant,

conductometric titrations (strong acid-strong base, strong acid-weak base, weak acid strong base) and Numericals. **Ref-1:** 398-402, 414-423, 433-434, **Ref-2:** 519-527, **SupplementaryRef-3:** 746-756, **Ref-4:** 528-532.

Learning Outcomes

- Explain / define different terms in conductometry such as electrolytic conductance, resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, Kohlrausch's law, etc.
- Discuss / explain Kohlrausch's law and its Applications, Conductivity Cell, Conductivity Meter, Whetstone Bridge.
- Explain / discuss conductometric titrations.
- Apply conductometric methods of analysis to real problem in analytical laboratory.
- Solve problems based on theory / equations.
- Correlate different terms with each other and derive equations for their correlations.

4. Colorimetry:

[6 L]

Introduction, interaction of electromagnetic radiation with matter, essential terms: radiant power, transmittance, absorbance, molar, Lambert's Law, Beer's Law, Lambert-Beer's Law, molar absorptivity, deviations from Beer's Law, Colorimeter: *Principle, Construction and components, Working*. Applications—unknown conc. By calibration curve method, Determination of unknown concentration of Fe(III) by thiocyanate method, Numericals. (**Ref-2:** 645-651, 658-661, 690, **Ref-3:** 97, 100, 159-172, **Ref-4:** 144-153, 157-160, **Ref-6-Relevant pages**).

Learning Outcomes

- Explain / define different terms in Colorimetry such as radiant power, transmittance, absorbance, molar, Lambert's Law, Beer's Law, molar absorptivity
- Discuss / explain / derive Beer's law of absorptivity.
- Explain construction and working of colorimeter.
- Apply colorimetric methods of analysis to real problem in analytical laboratory.
- Solve problems based on theory / equations.
- Correlate different terms with each other and derive equations for their correlations.

5. Column Chromatography

[6 L]

Introduction, Principle of Column Chromatography, **Ion Exchange Chromatography:** Ion exchange resins, action of ion exchange resin (Ion exchange equilibria, Ion exchange capacity), Experimental technique, Application: i) Separation of

Metal ions / non-metal ions on Ion Exchange Chromatography (*Zn(II)* and *Mg(II)*, *Cl⁻* and *Br⁻*), ii) Purification of water, (**Ref-2:** 186-192, 205-209) **Adsorption Chromatography – Liquid solid chromatography:** Introduction, the technique of conventional chromatography, column packing materials, Selection of solvent for adsorption chromatography, Adsorption column preparation and loading, Application – Purification of anthracene (**Ref-5:** 209-215, 221), Size Exclusion Chromatography(*Supplementary - Ref-4: pages 111-153, 212-215, Ref-6-Relevant pages*)

Learning Outcomes

- Explain / define different terms in column chromatography such as stationary phase, mobile phase, elution, adsorption, ion exchange resin, adsorbate, etc.
- Explain properties of adsorbents, ion exchange resins, etc.
- Discuss / explain separation of ionic substances using resins.
- Discuss / explain separation of substances using silica gel / alumina.
- Apply column chromatographic process for real analysis in analytical laboratory.

References (Analytical Chemistry)

1. Principles of Physical Chemistry, S.H. Marron and C. F. Pruton^{4th} ed., Oxford and IBH publishing company / CBS, new Delhi.
 2. Vogel's Textbook of quantitative Chemical Analysis, 5th Ed. G. H. Jeffry, J. Basset, J. Mendham, R. C. Denney, Longman Scientific and Technical, 1989.
 4. Basic Concept of Analytical Chemistry- S. M. Khopkar
 5. Vogel's Text Book of Practical Organic Chemistry, Furniss, Hannaford, Smith, Tatchel, 5th Ed., Longman Scientific and Technical, 2004.
 6. Analytical Chemistry, G.R. Chatwal, Sham Anand.
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CH-402: Inorganic and Organic Chemistry [2 credit, 36L]

Chapter No.	Chapter	No of Lectures
1	Isomerism in coordination complexes	02
2	Valance Bond Theory of Coordination Compounds	04
3	Crystal field Theory	12
4	Aldehydes and ketones	05
5	Carboxylic acids and their derivatives	05
6	Amines and Diazonium Salts	04
7	Stereochemistry of Cyclohexane	04

1. Isomerism in coordination complexes [2 L]

Introduction, polymerization isomerism, ionization isomerism, hydrates isomerism, linkage isomerism, coordination isomerism, coordination position isomerism, geometric isomerism, optical isomerism.

(Ref-1: 232-236)

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Isomerism in coordination complexes
2. Explain different types of isomerism in coordination complexes.

2. Valance Bond Theory of Coordination Compounds [4 L]

Aspects and assumptions of VBT, applications of VBT on the basis of hybridization to explain the structure and bonding in $[\text{Ag}(\text{NH}_3)_2]^+$, $[\text{Ni}(\text{Cl}_4)]^{2-}$, $[\text{Ni}(\text{CN})_4]^{2-}$, $[\text{Cr}(\text{H}_2\text{O}_6)]^{3+}$, $[\text{Fe}(\text{CN})_6]^{3-}$ (Inner orbital complex) and $[\text{FeF}_6]^{3-}$ (outer orbital complex). Use of observed magnetic moment in deciding the geometry in complexes with C.N.4, limitations of VBT.

(Ref-2: 592-597, Ref-3:350-351).

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Apply principles of VBT to explain bonding in coordination compound of different geometries.
2. Correlate no of unpaired electrons and orbitals used for bonding.
2. Identify / explain / discuss inner and outer orbital complexes.
4. Explain / discuss limitation of VBT.

3. Crystal Field Theory**[12 L]**

Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions, Application of CFT to
i) Octahedral complexes (*splitting of 'd' orbitals in Oh ligand field, effect of weak and strong ligand fields, colour absorbed and spectrochemical series, crystal splitting energy, Crystal field stabilization energy and factors affecting it, tetragonal distortion in Cu(II) complexes*)
ii) Square planar complexes and iii) Tetrahedral complexes; spin only magnetic moment of Oh and Td complexes.

(*Ref-1:194-225*).

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Explain principle of CFT.
2. Apply crystal field theory to different type of complexes (Td, Oh, Sq. Pl complexes)
3. Explain: i) strong field and weak field ligand approach in Oh complexes ii) Magnetic properties of coordination compounds on the basis of weak and strong ligand field ligand concept. iii) Origin of colour of coordination complex.
4. Calculate field stabilization energy and magnetic moment for various complexes.
5. To identify Td and Sq. Pl complexes on the basis of magnetic properties / unpaired electrons.
6. Explain spectrochemical series, tetragonal distortion / Jahn-Teller effect in Cu(II) Oh complexes only.

Reference Books: (Inorganic Chemistry)

1. Concise inorganic chemistry, J. D. Lee, 5th Ed (1996), Blackwell Science
2. Inorganic Chemistry, James E. House, Academic Press (Elsevier), 2008
3. Inorganic Chemistry by Miessler and Tarr, Third Ed. (2010), Pearson.

4. Aldehydes and Ketones (aliphatic and aromatic)**[5 L]**

(Formaldehyde, acetaldehyde, acetone and benzaldehyde)

Introduction and IUPAC nomenclature, *Preparation*: from acid chlorides and from nitriles. *Reactions* – Reaction with HCN, ROH, NaHSO₃, NH₂-G derivatives. Iodoform test, Aldol Condensation, Cannizzaro's reaction, Wittig reaction, Benzoin condensation, Clemenson reduction and Wolff Kishner reduction. Meerwein-Pondorff Verley reduction.
(*Ref-1: 657-700 and 797-816*)

Learning Outcome:

After studying the aldehydes and ketones student will able to-

1. Identify and draw the structures aldehydes and ketones from their names or from structure name can be assigned.
2. Explain / discuss synthesis of aldehydes and ketones.
3. Write / discuss the mechanism reactions aldehydes and ketones.
4. Explain /Discuss important reactions of aldehydes and ketones.
5. To correlate reagent and reactions of aldehydes and ketones
6. Give synthesis of expected aldehydes and ketones.
7. Perform inter conversion of functional groups.

5. Carboxylic acids and their derivatives

[5 L]

Carboxylic acids (aliphatic and aromatic): Introduction and IUPAC nomenclature, *Preparation:* Acidic and Alkaline hydrolysis of esters. *Reactions:* Hell–Vohlard - Zelinsky Reaction.

Carboxylic acid derivatives (aliphatic): (up to 5 carbons) *Preparation:* Acid chlorides, Anhydrides, Esters and Amides from acids and their inter conversion. Reaction: Comparative study of nucleophilicity of acyl derivatives. Reformatsky Reaction, Perkin condensation. (*Ref-1:* 713-745 and 753-785).

Learning Outcome:

After studying the carboxylic acids and their derivatives student will able to-

1. Identify and draw the structures carboxylic acids and their derivatives from their names or from structure name can be assigned.
2. Explain / discuss synthesis of carboxylic acids and their derivatives.
3. Write / discuss the mechanism reactions carboxylic acids and their derivatives.
4. Explain /Discuss important reactions of carboxylic acids and their derivatives.
5. Correlate reagent and reactions of carboxylic acids and their derivatives
6. Give synthesis of expected carboxylic acids and their derivatives.
7. Perform inter conversion of functional groups.

6. Amines and Diazonium Salts:

[4 L]

Amines (Aliphatic and Aromatic): Introduction and IUPAC nomenclature, *Preparation* from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann Bromamide reaction. *Reactions:* Hofmann vs. Saytzeff elimination, Electrophilic substitution (Case Aniline): nitration, bromination, sulphonation.

Diazonium salts: Preparation from aromatic amines. (*Ref-1:* 821-877)

Learning Outcome:

After studying the amines and diazonium Salts student will able to-

1. Identify and draw the structures amines from their names or from structure name can be assigned.
2. Explain / discuss synthesis of carboxylic amines.
3. Write / discuss the mechanism reactions carboxylic amines.
4. Explain /Discuss important reactions of carboxylic amines.
5. To correlate reagent and reactions of carboxylic amines.
6. Give synthesis diazonium salt from amines and reactions of diazonium salt.
7. Perform inter conversion of functional groups.

7. Stereochemistry of Cyclohexane: [4 L]

Bayer's strain theory, heat of combustion of cycloalkanes, structure of cyclohexane, axial and equatorial H atoms, conformations of cycloalkane, stability of conformations of cyclohexane, methyl and t-butyl monosubstituted cyclohexane, 1,1 and 1,2 dimethyl cyclohexane and their stability.

(Ref-1: 283-308).

Learning Outcome:

After studying the aromatic hydrocarbons student will able to-

1. Draw the structures of different conformations of cyclohexane.
2. Define terms such as axial hydrogen, equatorial hydrogen, confirmation, substituted cyclohexane, etc.
3. Convert one conformation of cyclohexane to another conformation and should able to identify governing structural changes.
4. Explain / discuss stability with respect to potential energy of different conformations of cyclohexane.
5. Draw structures of different conformations of methyl / t-butyl monosubstituted cyclohexane (axial, equatorial) and 1, 2 dimethyl cyclohexane.
6. Identify cis- and trans-isomers of 1, 2 dimethyl substituted cyclohexane and able to compare their stability.

Reference Books: (Organic Chemistry)

1. Morrison, R.T. and Boyd, R.N. *Organic Chemistry*, Prentice Hall of India, Sixth Edition, 2002, 283-308.

Other Reference Books for all chapters:

2. Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers, *Organic Chemistry*-Oxford University Press, USA, 2nd Ed.
 3. Bahl, A. and Bahl, B.S. *Advanced Organic Chemistry*, S. Chand, 2010.
 4. Graham Solomon, T. W., Fryhle, C. B. and Snyder, S. A. *Organic Chemistry*, John Wiley and Sons (2014).
 5. Mc Murry, J.E. *Fundamentals of Organic Chemistry*, 7th Ed. Cengage Learning India Edition, 2013.
 6. Sykes, P. A *Guidebook to Mechanism in Organic Chemistry*, Orient Longman, New Delhi (1988).
 7. Finar, I.L. *Organic Chemistry* (Vol. I & II), E.L.B.S.
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CH-403:**Practical Chemistry-IV****[2 credit, 72* L]**

* 72 L will be distributed as 58 L performing practical and 14 L for internal evaluation.

Instructions:

1. Use molar concentrations for volumetric /estimations/synthesis experiments.
2. Use optimum concentrations and volumes
3. Two burette method should be used for volumetric analysis (Homogeneous Mixtures)
4. Use of Microscale technique is recommended wherever possible.

A. Conductometry (Compulsory)

- a) To determine the cell constant of the given cell using 0.01 M KCl solution and determine dissociation constant of a given monobasic weak acid.
- b) To investigate the conductometric titration of any one of the following a) Strong acid against strong base b) Strong base against weak acid. (*standardization of base must be performed with KHP*)

B. Chromatography (compulsory)

1. Separation of binary mixture of cations by Column Chromatography by ion exchange resins / cellulose (any one mixture) (Co + Al, Cu + Mg, Zn+Mg). Separation of cations must be confirmed by qualitative test

References:

- i. Vogel's Textbook Quantitative Chemical Analysis, 3rd, 6th Ed.
- ii) Experiments in chemistry, D. V. Jahagirdar, Himalaya publication.

C. Ideal and Real solutions (Any two)

1. To study the variation of mutual solubility temperature with % concentration for the phenol - water system
2. To study the effect of added electrolyte on the critical solution temperature of phenol-water system and to determine the concentration of the given solution of electrolyte.
3. To obtain the temperature-composition phase diagram for a two component liquid system with maximum (or minimum) boiling point and to determine the maximum (or minimum) boiling point and composition.

D. Adsorption (Compulsory)

1. To verify the Freundlich and Langmuir adsorption isotherm for adsorption of acetic acid on activated charcoal.

References:

- i) Systematic experimental physical chemistry, S. W. Rajbhoj, T. K. Chondekar, Anjali publication.
- ii) Practical Physical Chemistry, Vishwanathan and Raghwan , Viva book.
- iii) Practical Chemistry, O. P. Pandey, D. N. Bajpai Dr. S. Giri, S Chand Publication

E. Synthesis of Coordination compounds (any two)

1. Synthesis of sodium cobaltinitrite (a laboratory chemical) from Co(II) salt and NaNO_2 salts. Comment on colour and magnetic properties of the complex. (Ref.-1, 2)
2. Synthesis of potassium Tris(oxalate)aluminium(III) using Al metal powder(Scrap aluminium). Comment on colour and magnetic properties of the complex. (Ref-2, 3, 4)
3. Synthesis of Tris(acetylacetonate)iron(III) by green chemistry method by reaction between Fe(OH)_3 and acac. Comment on colour and magnetic properties of the complex. (Ref.- 5,6).
4. Synthesis of Tris(ethylenediamine)nickel(II) from Ni(II) salt, ethylenediamine and sodium thiosulfate. Comment on colour and magnetic properties of the complex. (Ref.-7)

F. Inorganic colorimetric investigations (Any two)

1. Prepare standard solutions of KMnO_4 / CuSO_4 , record their absorbance and Verify Beer's Law and determine unknown concentration. **(Compulsory)**
2. Prepare solution of Fe(III) and SCN^- in different molar proportion, record their absorbance and calculate equilibrium constant of $[\text{Fe(SCN)}]^{2+}$ complex (Ref.-9,10)
3. Prepare solution of Fe(III)/Cu(II) and salicylic acid in different molar proportion and determine metal ligand ratio in Fe(III) or Cu(II)–Salicylic acid complex. (Ref.-11, 12, 13)

References

1. Handbook of Preparative Inorganic Chemistry, Volume 2, Second Edition, Edited By Georg Brauer, Academic Press, New York, London, 1965. (Page-1541)
2. Practical Chemistry, Pandey, Bajpai, Giri, S.Chand and Co.
3. McNeese, T.J.; Wierda, D.A. Synthesis of Potassium Tris(oxalato)aluminate(III) Trihydrate. *Journal of Chemical Education*, 1983, 60(11), 1001.
4. Inorganic Syntheses Vol -1 by H S Booth. First Ed, 1939. (page-36).
5. Novel Synthesis of Tris(acetylacetonato)-iron(III), *Journal of Chem. Soc. Dalton Trans.* 1983
6. Metal Acetylacetonate Synthesis Experiments: Which Is Greener?, *Journal of Chemical Education*, 2011, 88, 947–953, dx.doi.org/10.1021/ed100174f

7. Experimental Inorganic/Physical Chemistry: An Investigative, Integrated Approach to Practical Project Work, Mounir A. Malati, Woodhead Publishing Limited, 1999.
8. Vogel's Textbook Quantitative Chemical Analysis, 6th Ed.
9. Colorimetric Determination of the Iron(III)-Thiocyanate Reaction Equilibrium Constant with Calibration and Equilibrium Solutions Prepared in a Cuvette by Sequential Additions of One Reagent to the Other, *Journal of Chemical Education*, Vol.88 No.3 March 2011.
10. Experiments in chemistry, D. V. Jahagirdar, Himalaya publication.
11. A spectrophotometric study of complex formation between Fe(III) and salicylic acid, Kinya Ogawa, Nobuko Tobe, Bulletin of chemical society of Japan, 39, 227-232, 1966.
12. Salicylate determination by complexation with Fe(III) and optical absorbance spectroscopy
13. Determination of Equilibrium Constants of Metal Complexes from Spectrophotometric Measurements: An Undergraduate Laboratory Experiment, *Journal of Chemical Education*, Vol. 76, No. 9, September 1999.

G. Organic Estimations (any two)

1. **Determination of molecular weight:** Determination of molecular weight of organic acid by titration against standardized NaOH - a) monobasic acid or b) dibasic acid
2. **Estimation of amides:** Determine the amount of acetamide in given solution by volumetric method. (Standardization of acid must be performed)
3. **Estimation of Ethyl benzoate:** To determine the amount of ethyl benzoate in given solution volumetrically. (Standardization of acid must be performed).

References:

- i) Vogel's textbook of practical organic chemistry
- ii) Comprehensive Practical Organic Chemistry by V.K. Ahluwalia and Renu Aggarwal

Examination Pattern: At the time of examination student has to perform one experiment either from inorganic sections or organic section. 50% students must be assigned inorganic chemistry and 50% organic chemistry experiment. In case of organic qualitative analysis, after separation of binary mixture any one compound has to be analysed. Distribution of or 35 marks: 30 marks for experimental performance and 5 mark for oral.

Section - C: Industrial Visit

Visit any Chemical / Pharmaceutical / Polymer / Research Institutes / Sugar Factories / waste water treatment plant, etc. and submit report.

Learning Outcomes

1. Verify theoretical principles experimentally

2. Interpret the experimental data on the basis of theoretical principles.
 3. Correlate the theory to the experiments. Understand / verify theoretical principles by experiment or explain practical output with the help of theory.
 4. Understand systematic methods of identification of substance by chemical methods.
 5. Write balanced equation for all the chemical reactions performed in the laboratory.
 6. Perform organic and inorganic synthesis and able to follow the progress of the chemical reaction.
 7. Set up the apparatus properly for the designed experiments.
 8. Perform the quantitative chemical analysis of substances and able to explain principles behind it.
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