Phone : 0821 - 2332479
Fax : 0821 - 2330221

Sarada Vilas Educational Institutions (R)

SARADA VILAS COLLEGE

Krishnamurthypuram, Mysuru - 570 004
(Affiliated to the University of Mysore)
Reaccredited by NAAC with B+grade (CGPA : 2.70)
E-mail : principal@saradavilas.com, Website : www.saradavilas.com

Dr. M. Devika, M.Sc., M. Phil., Ph.D
Principal
Mobile : 9880024483

Table of Content

1.1 Curricular Planning and Implementation

Data related to – 1.1.1

The Institution ensures effective curriculum delivery through a well-planned and documented process

Dr. M Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram, Mysuru

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www.uni-mysore.ac.in

UNIVERSITY OF MYSORE
Estd. 1916

NEP 3rd Sem Revised & 4th Sem

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21

Dated:10.10.2022

Notification

Sub:- Syllabus and Examination Pattern of Physics (UG) (III & IV Semester) with effective from the Academic year 2022-23 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in of Physics (UG) Meeting held on 02-09-2022.
2. Decision of the Faculty of Science & Technology Meeting held on 15-09-2022.
3. Decision of the Academic Council meeting held on 23-09-2022.

*****

The Board of Studies in Physics (UG) which met on 02-09-2022 has recommended & approved the syllabus and pattern of Examination of Physics Course (III & IV Semester) with effective from the Academic year 2022-23 as per NEP - 2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 15-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Draft Approved by the Registrar

Deputy Registrar (Academic)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Physics, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Earth Science, MGM.
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated:10.10.2022

Notification

Sub:- Syllabus and Examination Pattern of Mathematics (UG) (III & IV Semester) with effective from the Academic year 2022-23 as per NEP-2020.

Ref:-
1. Decision of Board of Studies in of Mathematics (UG) Meeting held on 30-05-2022.
2. Decision of the Faculty of Science & Technology Meeting held on 15-09-2022.
3. Decision of the Academic Council meeting held on 23-09-2022.

*****

The Board of Studies in Mathematics (UG) which met on 30-05-2022 has recommended & approved the syllabus and pattern of Examination of Mathematics Course (III & IV Semester) with effective from the Academic year 2022-23 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 15-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Draft Approved by the Registrar

DeputyRegistrar(Academic)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Mathematics, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Earth Science, MGM.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
6. The Director, PMEB, Manasagangothri, Mysore.
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/164/2021-22

Dated: 16-02-2022

Notification

Sub:- Examination pattern, Scheme of Practical Exams & Open Elective of Botany (UG) with effective from the Academic year 2021-22 Academic year 2021-22 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in Botany (UG) meeting held on 24-11-2021.
2. Decision of the Faculty of Science & Technology Meeting held on 20-12-2021.
3. Decision of the Academic Council meeting held on 23-12-2021.

*****

The Board of studies in Botany (UG) which met on 24-11-2021 has made changes of examination pattern, Scheme of Practical Exams & Open Elective of Botany (UG) with effective from the Academic year 2021-22 as per NEP-2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 20-12-2021 and 23-12-2021 respectively have also approved the above said proposal and it is hereby notified.

The Curriculum & Syllabus is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

DRAFT APPROVED BY THE REGISTRAR

16/2

Deputy Registrar (Academic)
University of Mysore
Mysore 570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Botany (UG), Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Earth Science, MGM.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
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9. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
10. Office Copy

Curriculum Structure for the Undergraduate Degree Program

B.Sc. BOTANY

Total Credits for the Program: 176

Starting year of implementation: 2021-22

Name of the Degree Program: B.Sc.

Discipline/Subject: BOTANY

Program Articulation Matrix:

This matrix lists only the core courses. Core courses are essential to earn the degree in that discipline/subject. They include courses such as theory, laboratory, project, internships etc. Elective courses may be listed separately.

Semester	Title / Name Of the course	Program outcomes that the course addresses (not more than 3 per course)	Pre-requisite course(s)	Pedagogy##	Assessment$
1	BOT A1 Microbial Diversity and Technology	PO1	---	Ex. MOOC Desk Work Problem solving,	Quiz Debate
2	BOT A2 Diversity of Nonflowering Plants	PO2, PO3	BOT A1		
3	BOT A3 Plant Anatomy and	PO4, PO5	BOT A1 and A2		

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	Developmental Biology			Book Chapter Seminar, Project based learning, Term paper Assignment, Group Discussion Research Project Instrumentation	Class work Class work Seminar Project writing Articles writing, Interpretation of results
4	BOT A4 Ecology and Conservation Biology	PO4, PO5	BOT A1 A2 A3		
5.	BOT A5 Plant Taxonomy and Resource Botany	PO6, PO7	BOT A1 A2 A3		
	BOT A6 Cell Biology and Genetics	PO6, PO7	BOT A6 A1 A2 A3 A4 A5		
6.	BOT A7 Plant Physiology and Biochemistry	PO6, PO7, PO9	BOT A5		
	BOT A8 Plant Biotechnology	PO8. PO9	BOT A5		
7.	BOT A9 Molecular Biology	PO8, PO9	BOT A6 A8		
	BOT A10 Seed Biology and Seed Technology	PO9, PO10	BOT A5 A8 A9		
	BOT A11 Plant Health Technology	PO9, PO10	BOT A5 A4 A8		

	Developmental Biology			Book Chapter Seminar, Project based learning, Term paper Assignment, Group Discussion Research Project Instrumentation	Class work Class work Seminar Project writing Articles writing, Interpretation of results
4	BOT A4 Ecology and Conservation Biology	PO4, PO5	BOT A1 A2 A3		
5.	BOT A5 Plant Taxonomy and Resource Botany	PO6, PO7	BOT A1 A2 A3		
	BOT A6 Cell Biology and Genetics	PO6, PO7	BOT A6 A1 A2 A3 A4 A5		
6.	BOT A7 Plant Physiology and Biochemistry	PO6, PO7, PO9	BOT A5		
	BOT A8 Plant Biotechnology	PO8. PO9	BOT A5		
7.	BOT A9 Molecular Biology	PO8, PO9	BOT A6 A8		
	BOT A10 Seed Biology and Seed Technology	PO9, PO10	BOT A5 A8 A9		
	BOT A11 Plant Health Technology	PO9, PO10	BOT A5 A4 A8		

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UNIVERSITY OF MYSORE

Estd. 1916

Vishwavidyanilaya Karyasoudha
Crawford Hall, Mysuru- 570 005

No.AC.2(S)/31/18-19

Dated: 15.06.2018

NOTIFICATION

Sub: Revision of syllabus for Botany (UG) as per CBCS pattern from the academic year 2018-19.

Ref: 1. Decision of Board of Studies in Botany (UG) meeting held on 27.02.2018.
2. Decision of the Faculty of Science & Technology Meeting held on 21.04.2018.
3. Decision of the Deans Committee meeting held on 22.05.2018.

*****

The Board of Studies in Botany (UG) which met on 27th February, 2018 has recommended to revise the syllabus for B.Sc. Botany as per CBCS pattern from the academic year 2018-19.

The Faculty of Science and Technology and the Deans committee meetings held on 21-04-2018 and 22-05-2018 respectively have approved the above said proposal with pending ratification of Academic Council and the same is hereby notified.

The CBCS syllabus of B.Sc. Botany course is annexed. The contents may be downloaded from the University website i.e., www.uni-mysore.ac.in.

Draft approved by the Registrar

Deputy Registrar(Academic)

To:

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DOS in Physics, Manasagangotri, Mysore.
3. The Chairperson, BOS in Botany, DOS in Botany, Manasagangotri, Mysore.
4. The Chairperson, Department of Studies in Botany, Manasagangotri, Mysore.
5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
6. The Principals of the Affiliated Colleges where UG Program is running in Science stream.
7. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
8. The P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysore.
9. Office file.

University of Mysore

B. SC., BOTANY CHOICE BASED CREDIT SYSTEM (CBCS) & CONTINUOUS ASSESSMENT AND GRADING PATTERN (CGPA)

CORE SUBJECT: BOTANY – [UNDER- GRADUATE]

DEGREE: BACHELOR OF SCIENCE (B.SC.)

Sem.	Course Code	Title of the Course/Paper	Hrs /Week	Total Credits=36
		DISCIPLINE CORE COURSES (COMPUSORY)		
I	DSCB-1.1	Diversity of Microbes, Algae, Fungi, Plant Pathology & Bryophytes	4:0:4	4:0:2=6
II	DSCB-1.2	Pteridophytes & Gymnosperms; Plant Morphology & Taxonomy	4:0:4	4:0:2=6
III	DSCB-1.3	Plant Ecology; Plant Anatomy & Plant Physiology	4:0:4	4:0:2=6
IV	DSCB-1.4	Cell and Molecular Biology, Genetics; Reproductive Biology & Plant Breeding	4:0:4	4:0:2=6
		* DISCIPLINE SPECIFIC ELECTIVE (DSE) / **PROJECT WORK *** SKILL ENHANCEMENT (SEC) COURSES		
V	DSEB-1.1	Taxonomy of Flowering Plants	4:0:4	4:0:2=6
	DSEB-1.2	Plant & Microbial Biotechnology	4:0:4	4:0:2=6
	DSEB-1.3	Plant Propagation Techniques	4:0:4	4:0:2=6
	SECB1.1	Medicinal & Ornamental Plants	1:0:2	1:0:1=2
	SECB-1.2	Mushroom Cultivation Technology	1:0:2	1:0:1=2
VI	DSEB-1.4	Economic Botany & Medicinal Plants	4:0:4	4:0:2=6
	DSEB-1.5	Crop Diseases & Management	4:0:4	4:0:2=6
	DSEB-1.6	Plant Diversity & Conservation	4:0:4	4:0:2=6
	SECB-1.3	Nursery & Gardening	1:0:2	1:0:1=2
	SECB-1.4	Floriculture	1:0:2	1:0:1=2

*Any one of the DSE paper or in lieu of the paper, a project work can be undertaken by the student either in the V or VI semester under the guidance of a teacher. **A project report shall be submitted for evaluation. ***Skill Enhancement papers (SEC) are offered in the discipline of Botany is given. Students can choose from any two SEC course/paper in V and VI semesters from a pool of SECS available in the college campus.

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UNIVERSITY OF MYSORE

Established: 1916

Vishwavidyanilaya Karyasoudha,
Crawford Hall, Mysore-570 005.

No.AC.2(S)/151/2021-22 Dated: 18.08.2021

NOTIFICATION

Sub: Minor Changes in the syllabus of Microbiology (UG) from the Academic Year 2021-22.

Ref: 1. Decision of Board of Studies in Microbiology (UG) meeting held on 21.11.2020.
2. Decision of the Faculty of Science & Technology Meeting held on 08.02.2021.
3. Decision of Academic Council meeting held on 07.04.2021.

*****

The Board of Studies in Microbiology (UG) which met on 21.11.2020 has Minor changes were made in the syllabus of V and VI semester Practical scheme modified from the academic year 2021-22.

The Faculty of Science and Technology and Academic Council meeting held on 08.02.2021 and 07.04.2021 respectively have approved the above said proposal and the same is hereby notified.

The Modified Syllabus for the Microbiology (UG) program is annexed. The contents may be downloaded **from the University Website i.e., www.uni-mysore.ac.in**.

DRAFT APPROVED BY THE REGISTRAR

DEPUTY REGISTRAR (ACADEMIC)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DOS in Psychology, MGM.
3. The Chairperson, BOS in Microbiology (UG), DOS in Microbiology (UG), Manasagangotri, Mysore.
4. The Chairman, DOS in Microbiology (UG), Manasagangotri, Mysore.
5. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
6. The P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysore.
7. Office file.

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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated:10.10.2022

Notification

Sub:- Syllabus and Examination Pattern of Microbiology (UG) (III & IV Semester) with effective from the Academic year 2022-23 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in of Microbiology (UG) Meeting held on 22-08-2022.
2. Decision of the Faculty of Science & Technology Meeting held on 15-09-2022.
3. Decision of the Academic Council meeting held on 23-09-2022.

*****

The Board of Studies in Microbiology (UG) which met on 22-08-2022 has recommended & approved the syllabus and pattern of Examination of Microbiology Course (III & IV Semester) with effective from the Academic year 2022-23 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 15-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Draft Approved by the Registrar

DeputyRegistrar(Academic)

Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Microbiology, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Earth Science, MGM.
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated: 26-10-2021

Notification

Sub:- Syllabus and Examination Pattern Microbiology (UG) with effective from the Academic year 2021-22 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in Microbiology (UG) meeting held on 30-09-2021.
2. Decision of the Faculty of Science & Technology Meeting held on 16-10-2021.
3. Decision of the Academic Council meeting held on 22-10-2021.

*****

The Board of studies in Microbiology (UG) which met on 30-09-2021 has recommended & approved the syllabus and pattern of Examination of Microbiology Programme with effective from the Academic year 2021-22 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 16-10-2021 and 22-10-2021 respectively have also approved the above said proposal and it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Registrar
Registrar
University of Mysore
Mysore

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1. All the Principal of affiliated Colleges of University of Mysore, Mysore. Those who are running B.Sc Courses.
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UNIVERSITY OF MYSORE

Established: 1916

Vishwavidyanilaya Karyasoudha,
Crawford Hall, Mysore-570 005.

No.AC.2(S)/151/2021-22 Dated: 18.08.2021

NOTIFICATION

Sub: Minor Changes in the syllabus of Microbiology (UG) from the Academic Year 2021-22.

Ref: 1. Decision of Board of Studies in Microbiology (UG) meeting held on 21.11.2020.
2. Decision of the Faculty of Science & Technology Meeting held on 08.02.2021.
3. Decision of Academic Council meeting held on 07.04.2021.

*****

The Board of Studies in Microbiology (UG) which met on 21.11.2020 has Minor changes were made in the syllabus of V and VI semester Practical scheme modified from the academic year 2021-22.

The Faculty of Science and Technology and Academic Council meeting held on 08.02.2021 and 07.04.2021 respectively have approved the above said proposal and the same is hereby notified.

The Modified Syllabus for the Microbiology (UG) program is annexed. The contents may be downloaded **from the University Website i.e., www.uni-mysore.ac.in**.

DRAFT APPROVED BY THE REGISTRAR

DEPUTY REGISTRAR (ACADEMIC)

Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

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4. The Chairman, DOS in Microbiology (UG), Manasagangotri, Mysore.
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VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated:10.10.2022

Notification

Sub:- Syllabus and Examination Pattern of Microbiology (UG) (III & IV Semester) with effective from the Academic year 2022-23 as per NEP-2020.

Ref:-
1. Decision of Board of Studies in of Microbiology (UG) Meeting held on 22-08-2022.
2. Decision of the Faculty of Science & Technology Meeting held on 15-09-2022.
3. Decision of the Academic Council meeting held on 23-09-2022.

*****

The Board of Studies in Microbiology (UG) which met on 22-08-2022 has recommended & approved the syllabus and pattern of Examination of Microbiology Course (III & IV Semester) with effective from the Academic year 2022-23 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 15-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

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DeputyRegistrar(Academic)

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VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated: 26-10-2021

Notification

Sub:- Syllabus and Examination Pattern Microbiology (UG) with effective from the Academic year 2021-22 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in Microbiology (UG) meeting held on 30-09-2021.
2. Decision of the Faculty of Science & Technology Meeting held on 16-10-2021.
3. Decision of the Academic Council meeting held on 22-10-2021.

*****

The Board of studies in Microbiology (UG) which met on 30-09-2021 has recommended & approved the syllabus and pattern of Examination of Microbiology Programme with effective from the Academic year 2021-22 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 16-10-2021 and 22-10-2021 respectively have also approved the above said proposal and it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

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University of Mysore
Mysore

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Fax: 0821-2419363/2419301

e-mail : registrar@uni-mysore.ac.in
www.uni-mysore.ac.in

UNIVERSITY OF MYSORE

Estd. 1916

Vishwavidyanilaya Karyasoudha
Crawford Hall, Mysuru- 570 005

No.AC.2(S)/31/18-19 Dated: 15.06.2018

NOTIFICATION

Sub: Revision of syllabus for Biochemistry (UG) as per CBCS pattern from the Academic year 2018-19.

Ref: 1. Decision of Board of Studies in Biochemistry (UG) meeting held on 27.02.2018.
2. Decision of the Faculty of Science & Technology Meeting held on 21.04.2018.
3. Decision of the Deans Committee meeting held on 22.05.2018.

*****

The Board of Studies in Biochemistry (UG) which met on 27th February, 2018 has recommended to revise the syllabus for B.Sc. Biochemistry as per CBCS pattern from the academic year 2018-19.

The Faculty of Science and Technology and the Deans committee meetings held on 21-04-2018 and 22-05-2018 respectively have approved the above said proposal with pending ratification of Academic Council and the same is hereby notified.

The CBCS syllabus of B.Sc. Biochemistry course is annexed. The contents may be downloaded **from the University Website i.e., www.uni-mysore.ac.in**.

Draft approved by the Registrar

Deputy Registrar (Academic)

To:

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DOS in Physics, Manasagangotri, Mysore.
3. The Chairperson, BOS in Biochemistry, DOS in Biochemistry, Manasagangotri, Mysore.
4. The Chairperson, Department of Studies in Biochemistry, Manasagangotri, Mysore.
5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
6. The Principals of the Affiliated Colleges where UG Program is running in Science stream.
7. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
8. The P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysore.
9. Office file.

Telephone No. 2419677/2419361
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21 Dated: 10.10.2022

Notification

Sub:- Syllabus and Examination Pattern of Biotechnology (UG) (III & IV Semester) with effective from the Academic year 2022-23 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in of Biotechnology (UG) meeting held on 25-08-2022.
2. Decision of the Faculty of Science & Technology Meeting held on 15-09-2022.
3. Decision of the Academic Council meeting held on 23-09-2022.

*****

The Board of Studies in Biotechnology (UG) which met on 25-08-2022 has recommended & approved the syllabus and pattern of Examination of Biotechnology Course (III & IV Semester) with effective from the Academic year 2022-23 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 15-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Draft Approved by the Registrar

DeputyRegistrar(Academic)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Biotechnology, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Earth Science, MGM.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
6. The Director, PMEB, Manasagangothri, Mysore.
7. Director, College Development Council , Manasagangothri, Mysore.
8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
9. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
10. Office Copy.

Telephone No: 2419208/2419315/2419219/2419361
Fax: 0821-2419363/2419301

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www.uni-mysore.ac.in

UNIVERSITY OF MYSORE

Established: 1916

Vishwavidyanilaya Karyasoudha,
Crawford Hall, Mysore-570 005.

No.AC.2(S)/785/2019-20

Dated: 12.07.2019.

NOTIFICATION

Sub: Changes in the syllabus of Biotechnology (UG) from the Academic Year 2019-20.

Ref: 1. Decision of Board of Studies in Biotechnology (UG) meeting held on 10.12.2018.
2. Decision of the Faculty of Science & Technology Meeting held on 01.04.2019.
3. Decision of the Academic Council meeting held on 07.06.2019.

*****

The Board of Studies in Biotechnology (UG) which met on 10.12.2018 has recommends to make appropriate changes in the existing syllabus of B.Sc. in Biotechnology from the Academic Year 2019-20.

The Faculty of Science and Technology and Academic council meetings held on 01.04.2019 and 07.06.2019 respectively have approved the above said proposal and the same is hereby notified.

The modified syllabus of B.Sc. Biotechnology course is annexed. The contents may be downloaded **from the University Website i.e., www.uni-mysore.ac.in**.

Draft approved by the Registrar

15/7/19

Deputy Registrar (Academic),
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DOS in Zoology, Manasagangotri, Mysore.
3. The Chairperson, BOS in Biotechnology, DOS in Biotechnology, Manasagangotri, Mysore.
4. The Chairperson, Department of Studies in Biotechnology, Manasagangotri, Mysore.
5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
6. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21

Dated: 26-10-2021

Notification

Sub:- Syllabus and Examination Pattern of Bio-Technology (UG) with effective from the Academic year 2021-22 as per NEP-2020.

Ref:- 1. Decision of Board of Studies in Bio-Technology (UG) meeting held on 28-09-2021.
2. Decision of the Faculty of Science & Technology Meeting held on 16-10-2021.
3. Decision of the Academic Council meeting held on 22-10-2021.

*****

The Board of studies in Bio-Technology (UG) which met on 28-09-2021 has recommended & approved the syllabus and pattern of Examination of Bio-Technology Programme with effective from the Academic year 2021-22 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 16-10-2021 and 22-10-2021 respectively have also approved the above said proposal and it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

Registrar
Registrar
University of Mysore
Mysore

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore. Those who are running B.Sc Courses.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Bio-Technology, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Psychology, MGM.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
6. The Director, PMEB, Manasagangothri, Mysore.
7. Director, College Development Council , Manasagangothri, Mysore.
8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
9. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of

Bangalore University
Department of Biochemistry
Jnanabharathi Campus
Bengaluru – 560 056

Syllabus for

Biochemistry
Under-Graduate (UG) Programme
III & IV Semester

Framed according to the
National Education Policy (NEP 2020)

August 30, 2022

BANGALORE UNIVERSITY

PROCEEDINGS OF THE MEETING OF THE UG-BOARD OF STUDIES (UG-BOS) IN BIOCHEMISTRY HELD ON 30TH AUGUST 2022 AT 11.00AM IN THE CHAMBER OF THE CHAIRMAN, DEPARTMENT OF BIOCHEMISTRY, JB CAMPUS, BANGALORE UNIVERSITY, BENGALURU-560056

BOS Members

No.	Designation/College/University	UG-BOS
1	Prof. C. S. Karigar, Chairman, Dept. of Biochemistry, Bangalore University, Bangalore 560056	Chairman
2	Prof. Manjunatha H, Dept. of Biochemistry, Bangalore University, Bangalore-560056	Member (Co-Opted)
3	Dr. Dhanalakshmi, Assistant Professor, Dept. of Biochemistry, Padmashree Institute of Management and Sciences, Kommaghatta, Sulikere post, Kengeri, Bengaluru-560060	Member
4	Dr. Umesh H. R., Assistant Professor, Dept. of Biochemistry, The oxford College of Science, 32, 17th b Main, Sector IV, HSR Layout, Bangaluru-560102	Member
5	Smt. Madhukala K. L., Assistant Professor, Dept. of Biochemistry, Acharya Institute of Management and Sciences, Andarahalli, Bengaluru- 560091	Member
6	Smt. Deepa Kumari, Assistant Professor, Dept. of Biochemistry, The oxford College of Science, 32, 17th b Main, Sector IV, HSR Layout, Bangaluru-560102	Member
7	Smt. Vatsalya Krupa, Assistant Professor, Dept. of Biochemistry, The oxford College of Science, 32, 17th B Main, Sector IV, HSR Layout, Bangaluru-560102	Member
8	Smt. Manju Bhargavi O. J., Assistant Professor, Dept. of Biochemistry, Padmashree Institute of Management and Sciences, Kommaghatta, Sulikere post, Kengeri, Bengaluru-560060	Member
9	Dr. Jayashree S., Professor, Dept. of Biochemistry, Reva University, Rukmini Knowledge Park, Kattgenahalli, Yelahanka, Bengaluru 560064	Member
10	Smt. Vidya A. S., Professor, Department of Biochemistry, Sheshadripuram FGC, Yelahanka, Bengaluru 560064	Member

The Chairman extended warm welcome to the members of the BOS and briefed about NEP BSc III and IV semester syllabus. Chairman being member of the state level committee (KSHEC Committee) explained the members on structuring of the III and IV semester syllabus on NEP framework.

Resolutions:

1.The BOS resolved to adopt the III and IV semester syllabus submitted to KSHEC in toto.

The following members attended the meeting;

No.	Name	Designation	UG-BOS	Signature
1	Dr. C. S. Karigar,	Professor & Chairman	Chairman	
2	Prof. Manjunatha H.	Professor	Member (Co-Opted)	
3	Dr. Dhanalakshmi.	Assistant Professor	Member	30/8/2022
4	Dr. Umesh H. R.	Assistant Professor	Member	ABSENT
5	Smt. Madhukala K. L.	Assistant Professor	Member	30/8/22
6	Smt. Deepa Kumari	Assistant Professor	Member	
7	Smt. Vatsalya Krupa	Assistant Professor	Member	
8	Smt. Manju Bhargavi O. J.	Assistant Professor	Member	
9	Dr. Jayashree S.	Professor	Member	
10	Smt. Vidya A, S.	Professor	Member	30/08/2022

Meeting concluded with vote of thanks by the chair.

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No.AC.2(S)/31/18-19 Dated: 15.06.2018

NOTIFICATION

Sub: Revision of syllabus for Biochemistry (UG) as per CBCS pattern from the Academic year 2018-19.

Ref: 1. Decision of Board of Studies in Biochemistry (UG) meeting held on 27.02.2018.
2. Decision of the Faculty of Science & Technology Meeting held on 21.04.2018.
3. Decision of the Deans Committee meeting held on 22.05.2018.

*****

The Board of Studies in Biochemistry (UG) which met on 27th February, 2018 has recommended to revise the syllabus for B.Sc. Biochemistry as per CBCS pattern from the academic year 2018-19.

The Faculty of Science and Technology and the Deans committee meetings held on 21-04-2018 and 22-05-2018 respectively have approved the above said proposal with pending ratification of Academic Council and the same is hereby notified.

The CBCS syllabus of B.Sc. Biochemistry course is annexed. The contents may be downloaded **from the University Website i.e., www.uni-mysore.ac.in**.

Draft approved by the Registrar

Deputy Registrar (Academic)

To:

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DOS in Physics, Manasagangotri, Mysore.
3. The Chairperson, BOS in Biochemistry, DOS in Biochemistry, Manasagangotri, Mysore.
4. The Chairperson, Department of Studies in Biochemistry, Manasagangotri, Mysore.
5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
6. The Principals of the Affiliated Colleges where UG Program is running in Science stream.
7. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
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UNIVERSITY OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21

Dated: 26-10-2021

Notification

Sub:- Syllabus and Examination Pattern of Biochemistry (UG) with effective from the Academic year 2021-22 as per NEP-2020.

Ref:-
1. Decision of Board of Studies in Biochemistry (UG) meeting held on 29-09-2021.
2. Decision of the Faculty of Science & Technology Meeting held on 16-10-2021.
3. Decision of the Academic Council meeting held on 22-10-2021.

*****

The Board of studies in Biochemistry (UG) which met on 29-09-2021 has recommended & approved the syllabus and pattern of Examination of Biochemistry Programme with effective from the Academic year 2021-22 as per NEP -2020.

The Faculty of Science & Technology and Academic Council at their meetings held on 16-10-2021 and 22-10-2021 respectively have also approved the above said proposal and it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in

Registrar

Registrar
University of Mysore
Mysore

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore. Those who are running B.Sc Courses.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Biochemistry, Manasagangothri, Mysore.
4. The Dean, Faculty of Science & Technology, DoS in Psychology, MGM.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
6. The Director, PMEB, Manasagangothri, Mysore.
7. Director, College Development Council , Manasagangothri, Mysore.
8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
9. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.

ANNEXURE

Bachelor of Honor's
Data Science and Artificial Intelligence

As per NEP Regulations

To be implemented from the Academic year 2023-24

Proposed Scheme & **SYLLABUS** for BSc Hon's (Data Science and Artificial Intelligence)As per NEP 2020 regulations

I. OBJECTIVES:

1. To develop skills required to be an expert in fundamental computer application subjects including both software and hardware.
2. To provide competent and technical skills personnel to the industry in the area ofData Science and Artificial Intelligence.
3. To enhance the employability skills.
4. To encourage entrepreneurship among student pursuing the education.
5. To ensure holistic development of students.

II. ELIGIBILITY FOR ADMISSION:

Candidates who have passed two years Pre-University course of Karnataka State inany discipline or its equivalent (Viz., 10 + 2 of other states, ITI, Diploma etc) are eligible for admission into this program.

III. DURATION OF THE PROGRAM:

The program of study is 4 years of 8 semester a candidate shell completes his or her degree within 8 academic years from the date of his or her admission to the first semester. The NEP 2020 provides multiple exit options first students as specified below.

EXIT OPTIONS:

The students who successfully complete one year or two semesters and leave the program will be awarded certificate in BSC Hon's (Data Science and Artificial Intelligence)

The students who successfully complete 2 years or 4 semesters and leave the program will be awarded diploma in Hon's (Data Science and Artificial Intelligence)

Students who successfully complete 3 years or 6 semesters and leave the program will be awarded Bachelor's degree in Hon's (Data Science and Artificial Intelligence)

An option is given to the students to continue their education to the fourth year andthose who successfully complete 4 years or 8 semesters will be awarded Bachelor's degree in Hon's (Data Science and Artificial Intelligence)

IV. MEDIUM OF INSTRUCTION

The medium of instruction shall be English.

V. ATTENDANCE.

a. For the purpose of calculating attendance each semester shall be taken as a Unit.

b. A student shall be conserved to have satisfied the requirement of attendance for the semester, if he/she has attended not less than 75% in aggregate of the number of working periods in each of the subjects compulsorily.

c. A student who fails to complete the course in the manner stated should not be permitted to take the University examination.

VI. TEACHING AND EVALUATION

As basic degree from recognized University are only eligible to teach and to evaluate all the Hon's courses except languages constitution of India and environmental studies health wellness social and emotional learning/ sports/ NCC/ NSS others.

Imp Note* As per NEP Regulations common subjects will follow the syllabus prescribed by the University.

VII. SKILL DEVELOPMENT RECORD MAINTENANCE

a. Every college is required to establish a dedicated data science lab for the purposeof conducting practical Assignments to be written in the record.

b. In every semester the students should maintain a record book in which a minimum of 5 exercise or activities for course are to be recorded.

VIII. SCHEME OF EXAMINATION

a. There shall be a University examination at the end of each semester the maximum marks of the universities examination in each people shall be 60 marks for DSC /DSE /Vocational / SEC and OEC.

b. Internal assessment 40 marks for DSC /DSE /Vocational / SEC and OEC.

Guidelines for continuous internal evaluation and semester and examination

The CIE and SEE will carry 40% and 60% weightage each to enable the course to be a valuated for a total of 100 marks it is respective of its credits. The evaluation system ofthe course is comprehensive and continuous during the entire period of the semester. For a course the CIE and SEE evaluation will be on the following parameters.

Sl. No	Parameters for the evaluation	Marks
1	Continuous Internal Evaluation (CIE)	
2	Continuous and comprehensive Evaluation (CCE)-(A)	20
3	Internal Assessment Test (IAT) (B)	20
4	Total of CIE(A+B)	40
5	Semester End Examinations (SEE)-(C)	60
	Total of CIE and SEE (A+B+C)	100

Course: Computer Science **Course Code: DSC 5**

Course Title: SYSTEM SOFTWARES AND OPERATING SYSTEMS

Program: B.Sc. (PMCS)

Semester: V

1. **Course Outcomes (COs):**
   - Identify the role of Operating System. To understand the design of control unit.
   - Understanding CPU Scheduling, Synchronization, Deadlock Handling and Comparing CPU Scheduling Algorithms. Solve Deadlock Detection Problems.
   - Describe the role of paging, segmentation and virtual memory in operating systems.
   - Description of protection and security and also the Comparison of UNIX and Windows based OS.
   - Defining I/O systems, Device Management Policies and Secondary Storage Structure and Evaluation of various Disk Scheduling Algorithms.

2. **Syllabus:** To achieve the above-mentioned course outcomes, following content is designed by the board of studies of the University.

Unit-1: Machine Architecture, Assembler and Loaders

Introduction, System software and machine architecture, Simplified Instructional Computers (SIC) and its architecture, Instruction Formats of IBM-360, Assembler, Introduction, General design procedure, design of Assembler, statement of problem, data structure, Format of Databases, Algorithm for pass 1 and pass 2. Loader schemes, compile and go loader scheme, general loader, Absolute loader(Algorithm and Flow chart), Relocating loader, Direct linking loader, overlays, Dynamic loading.

Unit-2: Introduction and process management

Definition of Operating System, Need, Early systems, Simple monitors, Batch Systems, Multiprogramming, Time Sharing, Real time, Parallel and Distributed systems. Computing Environments – Traditional, Client Server, Peer-to-Peer and Web based. Process Management: Process concept – meaning of process, sequential and concurrent processes, process state, process control block, threads, Process scheduling – scheduling queues, schedulers, context switch.

Unit-3: Scheduling and Deadlocks

Processor – CPU I/O burst cycle, CPU Scheduler, Preemptive scheduling, dispatcher.

Scheduling criteria, Scheduling algorithms: First-Come-First-Served (FCFS), Shortest Job First (SJF), Priority Scheduling, Round Robin. Real time scheduling with pre-emption and Non-preemption. Deadlocks: Definition with example, System model, Deal lock characterization – Necessary Conditions Resource Allocation Graph, Dead lock prevention, Avoidance and detection, Recovery from dead lock.

Course: Computer Science **Course Code: DSC 6**

Course Title: Data Communication and Computer Networks

Program: B.Sc. (PMCS)

Semester: VI

1. **Course Outcomes (COs):**
   - Understanding of the basic concepts of data communications and networking. The purpose of network
   - layered models, the Open System Interconnect (OSI) and the Internet Model using TCP/IP protocols.
   - Be able to explain how noise, attenuation, and distortion affect signal transport, encoding methods of analog and digital data digital transmission. Flow and Congestion control.
   - Understand the use of LAN components like Bridges, Switches, Routers etc. and the backbone networks.
   - Understand IP addressing, subnetting and supernetting.

2. **Syllabus:** To achieve the above-mentioned course outcomes, following content is designed by the board of studies of the University.

Unit I:
Introduction to Data Communication, Characteristics and Components of Data Communication, Modes of Communication, Introduction computer network and its uses, Base Band & Broad Band, Guided Media – Twisted Pair, Coax and Optical Fibre Cable & Unguided Media – Microwave, Infrared. Baud & Bit Rate. Modulation (AM, PM, FM); Multiplexing -TDM, FDM.

Unit II:
Digital To Analog – ASK, PSK, FSK, QPSK. Transmission methods – Synchronous & Asynchronous, Error Detection and Correction method – Single Bit, Multi bit or burst errors, Checksum, Hamming Code representation, Hamming Code single bit error correction method. Goals of Layered protocols- Introduction to OSI Model, 7 Layers, Types of Protocols – TCP, IP, FTP, TELNET, POP3, SMTP, HTTP, DNS, and TCP/IP suite.

Unit III:
Introduction to IPV4 and IPV6. HDLC- frame format, station, states, configuration, access control. LAN Topology – BUS Ethernet (IEEE 802.3), Token Bus (IEEE 802.4), Token Ring (IEEE 802.5) Star. Switching Technologies – Circuit, Message, and Packet. X.25, X.21, RS-232 C – frame format, channel, packet frames, facilities.

Unit IV:
ISDN- D channel, B-Channel, Difference between PSTN and ISDN, International Standards, NT1, NT2, TA, TE Devices. HUB, Switches, Bridges, Routers and Gateway Services.
Congestion Control – Leaky Bucket & Token Algorithms. Introduction to data security (private key, public key) RSA Algorithm.

Text Books:

1. Fourauzan B., “Data Communications and Networking”, 3rd edition, TataMcGraw-HillPublications, 2004, ISBN 0 – 07 – 058408 – 7
2. Tanenbaum A., “Computer Networks”, 4th Edition, PHI, ISBN 81 – 203 –2175 – 8

Reference Books:
1. Keshav S., “An Engineering Approach to Computer Networking”, PearsonEducation, ISBN 981 – 235 – 986 – 9
2. Comer D., “Computer Networks and Internet”, 2ND Edition, PearsonEducation, ISBN 81–7808 – 086 – 9
3. S.K.Basandra & S. Jaiswal, “Local Area Networks”, Galgotia Publications
4. William Stallings, “Data and Computer Communication”

The assessment pattern suggested is as follows:
Internal Assessment (Formative)
• Cl Component: 10 Marks.This will be based on test and will be completed by the 8th Week of the semester.
• C2 Component: 10 Marks. This will be based on assignment / seminar and will be completed by the 15th week of the semester.

Summative Assessment: C3 component (Main Examination of 3hours duration): 80 Marks.

This is done in the following way:
A theory exam and a practical exam each for 80 marks are conducted.

The marks scored in both the exams are combined using a suitable formula to find the marks of a student out of 80.

Overall result of a student is calculated using suitable formula by combining Cl, C2 and C3 components.

TEACHING METHODOLOGY

We follow constructive pedagogy and our aim is to build the concepts through discussions and interactions with the students. The teaching is two- way and we employ the following ways in our pedagogy:

- The traditional method: Chalk and talk method.
- Informing the importance of the subject both for professional and ethical use (awareness about the subject).
- Interaction sessions with students. Allowing peer discussions among the students during problem solving sessions.
- Examination of the trueness of the results of various concepts using the aid of Computer programs (Practical).
- Visual (technology support) aid to interpret.
- 3D-figures and graphs for better understanding of the concepts.

MODE OF ASSESSMENT

It is very important to keep the status (statistics) of improvement of each student so as to know what best method can be adapted in obtaining optimum results both academic and as well in professional career of the students. Though university has prescribed that each student must write three components in order to assess the overall performance of the student. That is, a student must write two internal assessments (Cl and C2 components) and one final exam (C3 component) each semester. In addition we also use the following methods to help a student improve himself/herself:

- Observing the level of participation of each student in the class.
- Seminars by students.
- Written tests.
- Viva.
- Assignments.

TEACHING PLAN:

SIXTH SEMESTER(CBCS)
Title: Data Communication and Computer Networks

MONTH	HOURS	PORTIONS TO BE COVERED	Mode of Teaching
May	8	**Bridge Course:** Computer Network, Communication. **Unit I**: Introduction to Data Communication, Characteristics and Components of Data Communication, Modes of Communication, Introduction computer network and its uses Base Band & Broad Band.	chalk and talk method and ICT Tools
June	18	Guided Media – Twisted Pair, Coax and Optical Fibre Cable &Unguided Media – Microwave, Infrared. Baud & Bit Rate. Modulation (AM, PM, FM);Multiplexing -TDM, FDM. **Unit II**:Digital To Analog – ASK, PSK, FSK, QPSK. Transmission methods – Synchronous & Asynchronous, Error Detection and Correction method – Single Bit, Multi bit or burst errors, Checksum, Hamming Code representation, Hamming Code single bit error correction method.Goals of Layered protocols- Introduction to OSI Model, 7 Layers, Types of Protocols – TCP,IP, FTP, TELNET, POP3, SMTP, HTTP, DNS, and TCP/IP suite.	chalk and talk method and ICT Tools
July	18	**Unit III**:Introduction to IPV4 and IPV6.HDLC- frame format, station, states, configuration, access control. LAN Topology – BUSEthernet (IEEE 802.3), Token Bus (IEEE 802.4), Token Ring (IEEE 802.5) Star.Switching Technologies – Circuit, Message, and Packet. X.25, X.21, RS-232 C – frame	chalk and talk method and ICT Tools

CHOICE BASED CREDIT SYSTEM
CONTINUOUS ASSESSMENT GRADING PATTERN (CBCS-CAGP)

VERSION - IV

UNIVERSITY OF MYSORE

Department of Studies in Chemistry

Manasagangotri Mysuru –570 006

REVISED SYLLABUS FOR M. Sc. DEGREE PROGRAMME

2019-20

GUIDELINES AND REGULATIONS LEADING TO MASTER OF SCIENCE IN CHEMISTRY (TWO YEARS - SEMESTER SCHEME UNDER CBCS-CAGP)

Programme details

Name of the Department	:	Department of Studies in Chemistry
Subject	:	Chemistry
Faculty	:	Science and Technology
Name of the Programme	:	Master of Science (M. Sc.)
Duration of the Programme	:	2 years- divided into 4 semesters

Programme objectives

- To provide the latest subject matter both theory as well as practicals in such a way to foster their core competency and discovery learning. A chemistry post graduate as envisioned in this framework would be sufficiently competent in the field to understand further discipline specific studies as well as to begin domine related employment.
- To mould a responsible citizen who is aware of most basic domain-independent knowledge including critical thinking and communication.
- Enable the graduate to prepare for national as well as international competitive examinations, especially UGC-CSIR NET and UPSC civil service examinations.

Programme outcome

- Students will have a strong foundation in the fundamentals and applications of current theoretical and practical chemistry including those in Analytical, Inorganic, Organic and Physical Chemistry.
- Students will be able to design and carry out scientific experiments and accurately record and analyze the results of the experiments.
- Students will be skilled in problem solving, critical thinking and analytical reasoning as applied to scientific problems.
- Students will be able to explore new areas of research in both chemistry and allied fields such as Biochemistry, Material Chemistry, Pharmaceutical chemistry and chemical biology and related technology.
- Students will understand the central role of chemistry to our society which includes understanding of safe handling of chemicals, environmental issues and key issues facing our society in energy, health and medicine.

Programme Specific outcome

- Global level research opportunities to pursue Ph. D. programme, targeted approach of CSIR – NET and competitive civil service examinations**.**
- Enormous job opportunities at all levels of teaching, chemical, pharmaceutical, food products, life oriented material industries**.**
- Specific placements in R & D and many pharmaceutical & other industries**.**
- Facile development for the synthesis of biologically significant organic molecules using the green route for chemical reactions for sustainable properties**.**
- To inculcate the scientific temperament in the students and outside the scientific community.
- Learnt to handle sophisticated equipments for the determination and characterization of chemical compounds.
- Use of the latest chemistry software to avoid the laborious work in research**.**

Pedagogies used in the programme

- Conventional method such as black board and chalk, and modern methods like power point presentation and information and communications technology (ICT) are used in class room teaching.
- Molecular models are used to teach molecular symmetry, stereochemistry and solid state chemistry courses.
- Each student performs experiments as per the protocol in practical classes.
- For the preparation of new compounds, each student can adopt new experimental setup, and also exposed to different analytical instruments for qualitative and quantitative analyses. In addition to this, students will acquire skill to handle various instruments independently.
- Students will be presenting seminars in each semester.
- Each student will be subjected to viva-voce examinations in every semester.
- Every student will work for project on a small research problem.
- Rigorous training will be giving for every student to interpret spectral data in the respective course including their dissertation.
- Special lectures are delivered by eminent scholars from different intuitions.
- National/International conferences are organized to upgrade the subject knowledge.

ದೂರವಾಣಿ ಸಂಖ್ಯೆ : 2419677/2419361
ಫ್ಯಾಕ್ಸ್ 0821-2419363/2419301
e-mail : registrar@uni-mysore.ac.in
www.uni-mysore.ac.in

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಸ್ಥಾಪನೆ : 1916

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾರ್ಯಾಲಯ
ಕ್ರಾಫರ್ಡ್ ಭವನ, ಮೈಸೂರು-570005

ಸಂಖ್ಯೆ:ಎಸ.6/152/NEP/2020-21 ದಿನಾಂಕ: 26-10-2021

ಅಧಿಸೂಚನೆ

ವಿಷಯ:- ಬಿಎ-ಕನ್ನಡ ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಧಾನವನ್ನು NEP-2020 ಅನುಸಾರ 2021-22ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಜಾರಿಗೆ ತರುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ:- 1. ದಿನಾಂಕ: 27-09-2021 ರಂದು ಜರುಗಿದ ಕನ್ನಡ ಅಧ್ಯಯನ ಮಂಡಳಿ ಸಭೆಯ ಶಿಫಾರಸ್ಸು
2. ದಿನಾಂಕ: 13-10-2021 ರಂದು ಜರುಗಿದ ಕಲಾ ನಿಕಾಯ ಸಭೆಯ ಶಿಫಾರಸ್ಸು
3. ದಿನಾಂಕ: 22-10-2021 ರಂದು ಜರುಗಿದ ಶಿಕ್ಷಣ ಮಂಡಳಿಯ ನಡಾವಳಿ.

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ದಿನಾಂಕ: 27-09-2021 ರಂದು ಜರುಗಿದ ಉಲ್ಲೇಖ (1) ರ ಕನ್ನಡ ಅಧ್ಯಯನ ಮಂಡಳಿ (ಸ್ನಾತಕ) ಬಿ.ಎ. ಕನ್ನಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಧಾನವನ್ನು NEP-2020ರ ಅನುಸಾರ ರೂಪಿಸಿ **2021-22**ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಜಾರಿಗೆ ತರಲು ಶಿಫಾರಸ್ಸು ಮಾಡಿರುತ್ತದೆ.

ಉಲ್ಲೇಖಿತ (2 & 3) ರ ದಿನಾಂಕ 13-10-2021 ಮತ್ತು 22-10-2021 ರಂದು ಕ್ರಮವಾಗಿ ನಡೆದ ಕಲಾ ನಿಕಾಯ ಹಾಗೂ ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಗಳು ಮೇಲಿನ ಪ್ರಸ್ತಾವನೆಗಳನ್ನು ಅನುಮೋದಿಸಿರುವುದರಿಂದ ಈ ಅಧಿಸೂಚನೆ ಹೊರಡಿಸಲಾಗಿದೆ.

ಕನ್ನಡ ಅಧ್ಯಯನ ಮಂಡಳಿ (ಸ್ನಾತಕ) ಪಠ್ಯಕ್ರಮಗಳು ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಧಾನಗಳನ್ನು **www.uni-mysore.ac.in** ನಿಂದ ಪಡೆಯಬಹುದಾಗಿದೆ.

ಕುಲಸಚಿವರು (ಪರೀಕ್ಷಾಂಗ)
ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಮೈಸೂರು

ಟಿಪ್ಪಣಿ:-

1. ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕ್ಕೆ ಸಂಯೋಜನೆಗೊಳಪಟ್ಟ ಎಲ್ಲಾ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ- ಆಗತ್ಯ ಕ್ರಮಕ್ಕಾಗಿ
2. ಕುಲಸಚಿವರು (ಪರೀಕ್ಷಾಂಗ), ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
3. ಡೀನರು, ಕಲಾ ನಿಕಾಯ, ರಾಜ್ಯಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
4. ನಿರ್ದೇಶಕರು/ಅಧ್ಯಕ್ಷರು, ಕುವೆಂಪು ಅಧ್ಯಯನ ಸಂಸ್ಥೆ/ಮಂಡಳಿ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
5. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ, ಮೌಲ್ಯಭವನ ಕ್ಯಾಂಪಸ್, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
6. ನಿರ್ದೇಶಕರು, ಪಿ.ಎಂ.ಇ.ಬಿ., ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.

7. ನಿರ್ದೇಶಕರು, ಐ.ಸಿ.ಟಿ., ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು- ಇವರಿಗೆ ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸಲು ಕೋರಲಾಗಿದೆ.
8. ಕುಲಪತಿಗಳು/ ವಿಶೇಷ ಅಧಿಕಾರಿಗಳು/ ಆಪ್ತ ಸಹಾಯಕರು/ ಕುಲಸಚಿವರು/ ಉಪಕುಲಸಚಿವರು/ ಸಹಾಯಕ ಕುಲಸಚಿವರು/ಅಧೀಕ್ಷಕರು, ಆಡಳಿತ ವಿಭಾಗ/ಸಾಮಾನ್ಯ/ಓಡಿಪಿ/ಪ್ರಾಧಿಕಾರ ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಭಾಗ, ಪ್ರಾಧಿಕಾರ/ಓಡಿಪಿ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
9. ಕಾರ್ಯನಿರ್ವಾಹಕರು, ಆಡಳಿತಾಂಗ, AC2(S)/ AC-3/ AC-7(a)/ AC-9, ಶೈಕ್ಷಣಿಕ ವಿಭಾಗ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.- ಈ ಸಂಬಂಧ ಮುಂದಿನ ಕ್ರಮವಹಿಸುವಂತೆ ತಿಳಿಸಲಾಗಿದೆ.
10. ರಕ್ಷಾ ಕಡತಕ್ಕೆ

BBA - 2022

Telephone No. 2419677/2419361
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e-mail : registrar@uni-mysore.ac.in
www.uni-mysore.ac.in

UNIVERSITY OF MYSORE

Estd. 1916

Vishwavidyanilaya Karyasoudha
Crawford Hall, Mysuru- 570 005

No.AC6/153/2020-21 Dated: 10-10-2022

Notification

Sub:- Syllabus of III & IV semester of B.B.A programe from the academic year 2022-23 as per NEP-2020.

Ref:- 1. BOS in Business Administration meeting held on 06-06-2022
2. Decision of the Faculty meeting held on 07-09-2022.
3. Decision of the AC meeting held on 23-09-2022.

*****

The Board of Studies in Business Administration (UG) which met on 06-06-2022 has recommended and approved III & IV semester syllabus and pattern of Examination of B.B.A Programme from the Academic year 2022-23 as per NEP -2020.

The Faculty of Commerce and Academic Council at their meetings held on 07-09-2022 and 23-09-2022 respectively has also approved the above said syllabus and hence it is hereby notified.

The syllabus and Examination pattern is annexed herewith and the contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in

DRAFT APPROVED BY THE REGISTRAR

Deputy Registrar (Academic)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To:-

1. All the Principal of affiliated Colleges of University of Mysore, Mysore. Those who are running B.B.A Courses.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS, in Business Administration (BIMS), Manasagangothri, Mysore.
4. The Dean, Faculty of Commerce, DOS in Commerce, Manasagangotri, Mysuru.

Recd. on 27/10/22

DEPARTMENT OF PHYSICS

TIME TABLE FOR THE YEAR 2022 - 2023 (ODD SEMESTER)

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
MON	III(18)	OE-1 V PCM (18)	I (10)			<--VSEM(PCM)- P5 --->			
TUE	OE-3	OE-1 V PMCs (17)		V PCM (18) I (10)		<----------V SEM (PCM)-P5------->			
WED		V PCM (18) V PMCs (17)	I (11) OE -3			<---V SEM PMCs(08) -- --> P6			
						<----------III SEM (20+7) ---------->			
THUR		V PCM (18) III (10)	V PMCs (17)	I (10)		<-------V SEM (PCM)- P6----->			
FRI		OE-1		III (18)		<----- V PMCs (20+8) P5---->			
		<----------V SEM (PCM) P6--------->				<----------I SEM---------->			
SAT		V PCM (18)	III (17)			AIDED WORKLOAD=37 UNAIDED WORKLOAD=43			
		<----------PMCs(20) P6 ---------->		OE-3					

LUNCH BREAK

Suganthi S Singh
M.Sc., M.Phil
Head of Physics Department
Sarada Vilas College, Mysuru

Mysore - 570 00

SARADA VILAS COLLEGE , MYSURU

DERARTMENT OF PHYSICS

SUGANTHI S SINGH , ASSOCIATE PROFESSOR — TIME TABLE ODD SEMESTER 2022

DAY	9.30-10.30	10.30-11.30	11.30-12.3	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON		V PCM (18)			LUNCH BREAK	<--VSEM(PCM)P5 --->+DCG			
TUES				I (10)		<--------V SEM (PCM)-P5-----> + MRP			
WED			I (11) SSS						
THUR		V PCM (18)				<-------V SEM (PCM)- P6-----> +ARN			
FRI		<--------V SEM (PCM) P6-------> +MRP				<----------I SEM---------->			
SAT		V PCM (18)							

THEORY =5

PRACTICAL=16

Suganthi S Singh
M.Sc, M.Phil
Head of Physics Department
Sarada Vilas College, Mysuru

Principal
Sarada Vilas College
Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU									
DERARTMENT OF PHYSICS									
PRATHAP M R, ASSISTANT PROFESSOR				TIME TABLE ODD SEMESTER 2022					
DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON	III(18) MRP				L				
					U				
TUES		OE-1			N	<----------V SEM (PCM)-P5---->			
					C	+SSS			
WED					H	<---V SEM PMCs(08) -- --> P6			
THUR		V PCM (18)			B	<------V SEM (PCM)- P6-----> +			
					R	ARN			
FRI		<----------V SEM (PCM) P6---------->			E	<----- V PMCs (20+8) P5---->			
		+SSS			A	SSS+ARN			
SAT		V PCM (18)		OE-3	K				

THEORY =5
PRACTICAL=15

Suganthi S Singh
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Principal
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Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU

NAVEEN KUMAR A R, ASSISTANT PROFESSOR

DERARTMENT OF PHYSICS

TIME TABLE ODD SEMESTER 2022

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON		OE-1			L		<--VSEM(PCM)- P5 —>+DCG		
					U				
TUES		V PMCs (17)			N				
					C				
WED		V PCM (18)			H	<----------III SEM (20+7) ----------> +SSS+DCG			
THUR				I (10)	B	<------V SEM (PCM)- P6----> + MRP			
					R				
FRI				III (18)	E	<---- V PMCs (20+8) P5----> SSS+MRP			
					A				
SAT	<——— V PMCs ———> +DCG				K				

THEORY =5

PRACTICAL=1~~6~~5

Suganthi S Singh
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Sarada Vilas College, Mys...

Principal
Sarada Vilas Coll...
Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU

DERARTMENT OF PHYSICS

DHANUSH CHANDRA GURU, ASSISTANT PROFESSOR

TIME TABLE ODD SEMESTER 2022

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON			I (10)		L U		<--VSEM(PCM)- P5 —>+ARN		
TUES				V PCM (18)	N C				
WED			OE-3		H	<————III SEM (20+7) ————> +SSS+ARN			
THUR			V PMCs (17) DCG		B R				
FRI		OE-1 DCG			E A	<————I SEM————>			
SAT	<——— V PMCs ———> +ARN				K				

THEORY =5

PRACTICAL=14

Suganthi S Singh
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Mysuru-570 004

SARADA VILAS COLLEGE , MYSORE

DEPARTMENT OF PHYSICS

TIME TABLE FOR THE YEAR 2022 - 2023 (EVEN SEMESTER)

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
MON	IV(18) MRP	VI PCM (18) SSS	II (10) ARN			<--VI SEM(PCM)- P5 --> ARN+DCG			
TUE		OE-2 MRP / VI PMCs (17) ARN		VI PCM (18) DCG / II (10) SSS		<----------VI SEM (PCM)-P5-------> SSS+MRP			
WED		VI PCM (18) ARN OE -2 SSS / VI PMCs (17) DCG	II (11) SSS			<---VI SEM PMCs(08) -- --> P6 MRP			
						<----------IV SEM (20+7) ----------> SSS+ARN+DCG			
THUR		VI PCM (18) MRP / IV (10) SSS	VI PMCs (17) SSS	II (10) DCG		<-------VI SEM (PCM)- P6-----> MRP+ARN			
FRI		OE-2 ARN		IV (18) DCG		<------ VI PMCs (20+8) P5-----> SSS+MRP+ARN			
		<----------VI SEM (PCM) P6----------> SSS+MRP				<----------II SEM----------> DCG			
SAT		VI PCM (18) MRP	IV (17) SSS			THEORY =19 PRACTICAL=58			
		<----------VI PMCs(20) P6 ----------> DCG+ARN							

LUNCH BREAK

Suganthi S Singh
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SARADA VILAS COLLEGE , MYSURU									
DERARTMENT OF PHYSICS									
SUGANTHI S SINGH , ASSOCIATE PROFESSOR				TIME TABLE EVEN SEMESTER 2023					
DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON		VI PCM (18)			L U				
TUES				II(10)	N C	<----------VI SEM (PCM)-P5----> +MRP			
WED		OE-2	II (11)		H	<----------IV SEM (20+7) ----------> +ARN+DCG			
THUR		IV (10)	VIPMCs		B R				
FRI		<----------VI SEM (PCM) P6----------> +MRP			E A	<----- VI PMCs (20+8) P5----> +MRP+ARN			
SAT			IV (17)		K				

THEORY =7
PRACTICAL=13

Suganthi S Singh
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Principal
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Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU									
DERARTMENT OF PHYSICS									
PRATHAP M R, ASSISTANT PROFESSOR				TIME TABLE EVEN SEMESTER 2023					
DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON	IV(18) MRP				L				
					U				
TUES		OE-2			N	<----------VI SEM (PCM)-P5----->			
					C	+SSS			
WED					H	<---VI SEM PMCs(08) -- --> P6			
THUR		VI PCM (18)			B	<-------VI SEM (PCM)- P6-----> +			
					R	ARN			
FRI		<----------VI SEM (PCM) P6---------->			E	<----- VI PMCs (20+8) P5---->			
		+SSS			A	SSS+ARN			
SAT		VI PCM (18)			K				

THEORY =4

PRACTICAL=15

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Principal
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Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU									
DERARTMENT OF PHYSICS									
NAVEEN KUMAR A R, ASSISTANT PROFESSOR				TIME TABLE EVEN SEMESTER 2023					
DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON			II(10)		L U	<--VISEM(PCM)- P5 --->+DCG			
TUES		VI PMCs (17)			N C				
WED		VI PCM (18)			H	<----------IV SEM (20+7) ----------> +SSS+DCG			
THUR					B R	<-------VI SEM (PCM)- P6-----> + MRP			
FRI		OE-2			E A	<----- VI PMCs (20+8) P5----> SSS+MRP			
SAT	<---------- VI PMCs ----------> +DCG				K				

THEORY =4
PRACTICAL=16

Sugandhi S Singh
M.Sc., M.Phil
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Sarada Vilas College, Mysuru

Principal
Sarada Vilas College
Mysore - 570 004

SARADA VILAS COLLEGE , MYSURU									
DERARTMENT OF PHYSICS									
DHANUSHCHANDRAGURU H M , ASSISTANT PROFESSOR				TIME TABLE EVEN SEMESTER 2023					
DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON					L	<--VISEM(PCM)- P5 --->+ARN			
					U				
TUES				VI PCM (18)	N				
					C				
WED		VIPMCs(17)			H	<----------IV SEM (20+7) ----------> +SSS+ARN			
THUR				II(10)	B				
					R				
FRI				IV(18)	E	<----------II SEM---------->			
					A				
SAT	<---------- VI PMCs ----------> +ARN				K				

THEORY =4
PRACTICAL=14

Sugatha. S. Singh
M.Phil
Head of Physics Department
Sarada Vilas College, Mysuru

Principal
Vilas College
- 570 004

SARADA VILAS COLLEGE , MYSURU

DERARTMENT OF PHYSICS

GEETHANJALI K S, ASSISTANT PROFESSOR

TIME TABLE EVEN SEMESTER 2023

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.00	2.0-3.0	3.0-4.0	4.0-5.0	5.0-6.0
MON					L				
					U				
TUES				II(10)	N				
					C				
WED		OE-2			H	<----------IV SEM (20+7) ----------> +ARN+DCG			
THUR		IV (10)			B				
					R				
FRI		<----------VI SEM (PCM) P6----------> +MRP			E	<----- VI PMCs (20+8) P5----> +MRP+ARN			
					A				
SAT					K				

THEORY =03

PRACTICAL=7

Suganthi S Singh
M.Sc., M.Phil
Head of Physics Department
Sarada Vilas College, Mysuru

Principal
Sarada Vilas College
Mysore - 570 004

SARADA VILAS COLLEGE

DEPARTMENT OF MATHEMATICS

TIME TABLE

EVEN SEMESTERS - 2022-23

Day	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2:00-3:00	3:00-4:00	4:00-5:00	5:00-6:00
Monday	Hons (AGS)		II (MVY) - 11	VI PCM (MVY) - 18	IV(KK) - 17		<---------- IV LAB (KK)---------->			
		<---VI PMCS LAB (AGS+KK)--->					<---- VI PMCS LAB (AGS)---->			
Tuesday			OE (KK)	VI SEC (PK) - 18	IV (AGS) - 11		<-------VI PCM (MVY)------>			
				II (MVY) - 11						
				Hons (KK)	VI PMCS (KK) - 17		<---------- II LAB (PK)---------->			
Wednesday			OE (AGS)	VI PCM (PK) - 18	IV (KK) - 11		<------VI PCM (MVY+PK)------>			
				Hons (AGS)						
				VI PMCS (KK) - 17						
Thursday				Hons (KK)	VI PCM (MVY) - 18		<------VI PCM (MVY+PK)------>			
					VI PMCS (AGS) - 17		<------VI PMCS (AGS)------>			
Friday			OE (AGS)	IV (AGS) - 11	II (PK) - 11		<------VI PCM (MVY+PK)------>			
			<---------VI PCM LAB (MVY)--------->							
Saturday	Hons (AGS)		II (PK) - 11	VI SEC (MVY) - 18						
		<---VI PMCS LAB (AGS+KK)--->								

LUNCH BREAK

Total Hours	
MVY	20
PK	17
AGS	20
KK	17

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

Dr. M Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

SARADA VILAS COLLEGE

DEPARTMENT OF MATHEMATICS

TIME TABLE

EVEN SEMESTERS - 2022-23

Day	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2:00-3:00	3:00-4:00	4:00-5:00	5:00-6:00
Monday			II (MVY) - 11	VI PCM (MVY) - 18		LUNCH BREAK				
Tuesday				VI (SEC) - 18			<--------VI PCM (MVY)------>			
Wednesday							<------VI PCM (MVY+PK)---->			
Thursday					VI PCM (MVY) - 18		<------VI PCM (MVY+PK)---->			
Friday			<--------VI PCM LAB (MVY)------->				<------VI PCM (MVY+PK)---->			
Saturday				VI SEC (MVY) - 18						

Dr. M Devika
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Head, Department of Mathematics
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Mysuru 570004

SARADA VIVLAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (EVEN SEMESTER)
MATHEMATICS department
Dr. Pushpa K. -Individual Time Table

Day	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday								
Tuesday		II (11)			<----------II LAB (15)---------->			
Wednesday			VI PCM (18)		<----------VI (26) PCM---------->			
Thursday					<----------VI (26) PCM---------->			
Friday			II (11)		<----------VI (26) PCM---------->			
Saturday	II (11)							

Work Load	II sem	VI sem
Theory	3 hrs	1 hrs
Practical	4 hrs	3+3+3=9 hrs
Total	17 hrs	

Dr. N Devika
M.Sc.,M.Phil,Ph.D.
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Sarada Vilas College,
Krishnamurthypuram,Mysuru

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE

DEPARTMENT OF MATHEMATICS

TIME TABLE

EVEN SEMESTERS - 2022-23

Day	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2:00-3:00	3:00-4:00	4:00-5:00	5:00-6:00
Monday	HONS (AGS)	<----VI PMCS LAB (AGS)-------->					<------ VI PMCS LAB (AGS)---->			
Tuesday					IV (AGS) - 11					
Wednesday			OE (AGS)	Hons (AGS)						
Thursday					VI PMCS (AGS) - 17		<——VI PMCS (AGS)——>			
Friday			OE (AGS)	IV (AGS) - 11						
Saturday	Hons (AGS)	<----VI PMCS LAB (AGS)-------->								

LUNCH BREAK

Total Hours	
AGS	20

NAME – AKASH G S

Dr. M Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (EVEN SEMESTER)
Individual Time Table - Kishor kumar K

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday	<----------VI PMCS---------->			IV(17)		<---------- IV LAB (KK)---------->			
Tuesday		OE	Hons (KK)	VI PMCS (KK) - 17					
Wednesday			VI PMCS(DSE)	IV (17)					
Thursday									
Friday						HONS(108)			
Saturday	<----------VI PMCS---------->								

Dr. K. Devaiah
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

Head, Department of Mathematic
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU

TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)

MATHEMATICS department

Time Table

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday		I (11)	V PCM(18)	III(17)		<----------I LAB----------> <---------III LAB--------->			
		<----------V PMCS ---------->							
Tuesday			V PCM(18) V PMCS (17) I (11)	III (11)		<----------V PCM----------> <----------VPMCS---------->			
Wednesday			V PCM(18) V PMCS (17)	III (11)		<----------V PCM---------->			
Thursday				V PCM (18) V PMCS(11)		<----------V PCM----------> <----------VPMCS---------->			
Friday		<----------V PCM---------->					<----------V PCM---------->		
			III (11)	I (11)					
Saturday		I (11)	V PCM 18						
	<----------VPMCS---------->								

Dr. M Ramesha
M.Sc., M.Phil., Ph.D.
Principal
Sarada Vilas College,
Krishnamoorthypuram, Mysuru

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
Individual Time Table - Yathiraj

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday		I Sem	V PCM(SEC)						
Tuesday			I Sem			<----------V PCM-------->			
Wednesday						<----------V PCM---------->			
Thursday						<----------V PCM---------->			
Friday		<----------V PCM---------->					<----------V PCM---------->		
Saturday		I Sem	V PCM (SEC)						

Head, Department of Mathematics
Sarada Vilas College

Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
Individual Time Table - Pushpa

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday						<----------I LAB---------->			
Tuesday			V PCM(DSE)			<----------V PCM---------->			
Wednesday			V PCM(DSE)			<----------V PCM---------->			
Thursday				V PCM DSE)					
Friday				I (11)			<----------V PCM---------->		
Saturday									

Head Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU
INDIVIDUALTIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
MATHEMATICS department
AKASH G S

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
Monday		<----------V PMCS (Lab) ---------->					B.Sc (Hons - DS and AI) - III		
Tuesday		B.Sc (Hons - DS and AI) - III		III (11)		<----------VPMCS (Lab)-------->			
Wednesday		B.Sc (Hons - DS and AI) - III	OE (III)	III (11)					
Thursday		B.Sc (Hons - DS and AI) - III		OE (III)		<----------VPMCS (Lab)-------->			
Friday		B.Sc (Hons - DS and AI) - III							
Saturday	<-------- V Sem PMCs (Lab)---->			OE (III)					

Dr. H Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Yadavagiri,Mysuru-570 020

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
Individual Time Table - Kumuda

	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00		
Monday		<---V PMCs (Lab)-->		III(17)		<---------- III LAB---------->				B.Sc (Hons) DS and AI I sem	5 hours
										OE (I sem)	3 hours
Tuesday			V PMCS (17)								
Wednesday			V PMCS (17)								
Thursday				V PMCS(11)		<----------VPMCS (Lab)-------->					
Friday			III (11)								
Saturday			V PMCS (Lab)								

Dr. P. Savitha
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram, Mysuru.

Head, Department of Mathematics
Sarada Vilas College
Mysuru 570004

SARADA VILAS COLLEGE, MYSURU
DEPARMENT OF BOTANY
TIME TABLE FOR THE YEAR 2022-23 (ODD SEMESTER)

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
MON	III(BL) VMY	I OE SBG I(BL)VMY	V(BL) MD			I SEM LAB (VMY)			
TUE		I OE VMY III(BL)MD	I(BL) SBG	V(BL) VMY		V SEM LAB(MD+SBG)			
WED		V(BL) VMY	III OE SBG I(BL) VMY	III(BL) SBG		III SEM LAB (SBG+VMY)			
THU		III (BL) VMY	V(BL)MD	III OE VMY		V SEM LAB(SBG+VMY)			
FRI		I OE SBG V(BL) VMY		I(BL) SBG					
SAT		V(BL) SBG		III OE VMY					

THEORY =20

PRACTICAL =28

	THEORY	PRACTICAL	=TOTAL
MD	03	04	=07
SBG	08	12	=20
VMY	09	12	=21

HEAD OF THE DEPARTMENT
Head of the Department of Botany
Sarada Vilas College
Mysore

PRINCIPAL
Principal
Sarada Vilas College
Mysore - 570004

SARADA VILAS COLLEGE, MYSURU

TIME TABLE FOR THE YEAR 2022-23 (EVEN SEMESTER)

DEPARMENT OF BOTANY

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
MON	IV(BL) VMY	II(BL)SBG	VI(BL) MD		II SEM LAB (VMY)			
TUE		II OE VMY IV(BL)MD	II(BL) SBG	VI(BL) VMY	VI SEM LAB(MD+SBG)			
WED		II OE VMY VI(BL) MD	II(BL) VMY	IV(BL) SBG	IVSEM LAB (SBG+VMY)			
THU		IV (BL) VMY	VI(BL) SBG		VI SEM LAB(SBG+VMY)			
FRI		VI(BL) VMY II OE SBG		II(BL) SBG				
SAT		VI(BL) SBG						

THEORY =17

PRACTICAL =28

	THEORY	PRACTICAL	= TOTAL
MD	03	04	= 07
SBG	07	12	= 19
VMY	07	12	= 19
		Total	= 45

HEAD OF THE DEPARTMENT

Head of the Department of Botany
Sarada Vilas College
Mysore

PRINCIPAL

Dr. M Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

SARADA VIILAS COLLEGE, MYSURU

TIME TABLE FOR THE YEAR 2022-2023 (EVEN SEMESTER)

ZOOLOGY department

Time Table

day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
mon	OE	IV ZL	II ZL	VI (zl)		<------IV LAB------>			
tue	OE	VI (zl)	IV ZL	II ZL		<--------- VI lab--------->			
wed		IV ZL		VI (zl)		<--------- VI lab--------->			
thur		VI (zl)	IV ZL	II ZL					
fri	OE			VI (zl)		<------II LAB------>			
sat		II ZL		VI (ZL)	lunch break				

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
DEPARTMENT OF ZOOLOGY

Day	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2	2.0- 3.0	3.0-4.0	4.0- 5.0	5.0-6.0
MON	I O E III ZL	I ZL	V ZL	L U N C H B R E A K	<---------- III SEM ---------->			
TUE	I O E V ZL	III ZL	I ZL		<---------- V SEM B1 ---------->			
WED	III ZL		V ZL		<---------- V SEM B2 ---------->			
THU	V ZL	III ZL	I ZL					
FRI	I O E		V ZL		<---------- I SEM ---------->			
SAT	I ZL		V ZL					

Head of the Dept. of Zoology
Sarada Vilas College
MYSORE

PRINCIPAL
Principal
Sarada Vilas College
Mysore - 570 004

Sarada Vilas College

PG Department M.Com I & III November- 2023

Time Table

Time / Days	Class	10:30 To 11:30	11:30 To 12:30	12:30 To 1:30	1:30 To 2:00	2:00 To 3:00	3:00 To 4:00
Monday	I Sem	MM AK	SBD PK	CG ANJ	LUNCH BREAK	AT AK	
	III Sem	BRM PK	Cost ANJ	ED AK		IB PK	
Tuesday	I Sem	SBD PK	AT AK	CG ANJ		FM ANJ	
	III Sem	ED AK	BRM PK	Tax AK		IB PK	
Wednesday	I Sem	MM PK	FM ANJ	CG ANJ		AT AK	
	III Sem	Cost ANJ	ED AK	BRM PK		IB PK	Tax AK
Thursday	I Sem	MM PK/AK	FM ANJ	AT AK		CG ANJ	SBD PK
	III Sem	Cost ANJ	Tax AK	IB PK		BRM PK	ED AK
Friday	I Sem	CG ANJ	MM AK	SBD PK		AT AK	FM ANJ
	III Sem	IB PK	Cost ANJ	Tax AK			
Saturday	I Sem	SBD PK	MM PK	FM ANJ			
	III Sem	Tax AK	Cost ANJ	ED AK			

AT : Accounting Theory
FM : Financial Management
CG : Corporate Governance
MM : Marketing Management
SBD : Statistics for Business Decisions
BRM : Business Research Methods
IB : International Business
ED : Entrepreneur Development
Cost : Marginal Costing
Tax : Indirect Tax Law and Practice

Faculty:
ANJ : Dr. Jyothi .A.N
AK : Arpitha.K
PK: Pragathi K

Principal
Sarada Vilas College
Mysore - 570 004

Sarada Vilas College
PG Centre - M.Com II & IV Semester- 2023
Time Table

Days \ Time	Class	10:30 To 11:30	11:30 To 12:30	12:30 To 1:30	1:30 To 2:00	2:00 To 3:00	3:00 To 4:00
Monday	II Sem	CMI PR	HRM AK	**DEAN**	LUNCH BREAK	OE AK	-
	IV Sem	TAX AK	IA ANJ	CM PR		Project PR/ANJ	Project PR/ANJ
Tuesday	II Sem	OB ANJ	CMI PR	HRM AK		SM PR	
	IV Sem	CM PR	TAX AK	IA ANJ		Project AK/ ANJ	Project AK/ ANJ
Wednesday	II Sem	OE AK	OB ANJ	CMI PR		HRM AK	
	IV Sem	IA ANJ	CM PR	TAX AK		Project PR/ANJ	Project PR/ANJ
Thursday	II Sem	SM PR	HRM AK	**DEAN**		CMI PR	
	IV Sem	TAX AK	IA ANJ	CM PR		Project AK/ ANJ	Project AK/ ANJ
Friday	II Sem	SM PR	OB ANJ	**DEAN**		OE AK	
	IV Sem	Project AK	Project PR	Project ANJ		Project PR/ANJ	-
Saturday	II Sem	OE AK	SM PR	OB ANJ			
	IV Sem	Project PR	Project ANJ	Project AK			

II semester M.Com
CMI : Capital Market Instrument
HRM : Human Resource Management
OB : Organisational Behaviour
SM : Strategic Management
OE -ECO: Economics

IV semester M.Com
IA: International Accounting
Elective group A: Tax: paper – 2: IT
Elective group E: MA :paper – 2 :CM
Dissertation/Project

Faculty:
ANJ: Dr. Jyothi .A.N
AK: Arpitha. K
PR: Pragathi R

Principal
Sarada Vilas College
Mysore - 570 004

ಮೈಸೂರು – 570 004

19/11/22

Sarada Vilas College PG Centre – M.Com
Time Table for 2022-23
I and III Semester - 21/11/2022

2022-23

	Class	10:30 – 11:30	11:30 – 12:30	12:30 – 01:30	01:30 – 02:00	02:00 – 03:00	03:00 – 04:00
Monday	I Semester	MM	SBD	CG		AT	FM
		ANJ	PR	AK		AK	ANJ
	III Semester	BRM	TAX	ED		MA	RESEARCH
		PR	AK	ANJ		PR	AK
Tuesday	I Semester	SBD	AT	MM		CG	FM
		PR	AK	ANJ		AK	ANJ
	III Semester	IB	BRM	TAX		MA	RESEARCH
		AK	PR	AK		PR	PR
Wednesday	I Semester	FM	SBD	AT		MM	AT
		ANJ	PR	AK		ANJ	PR
	III Semester	MA	TAX	BRM		IB	ED
		PR	AK	PR		AK	ANJ
Thursday	I Semester	CG	FM	SBD		AT	MM
		AK	ANJ	PR		PR	ANJ
	III Semester	ED	MA	TAX		IB	BRM
		ANJ	PR	AK		AK	PR
Friday	I Semester	MM	CG	FM		AT	SBD
		ANJ	AK	ANJ		PR	PR
	III Semester	TAX	BRM	IB		ED	RESEARCH
		AK	PR	AK		ANJ	ANJ
Saturday	I Semester	SBD	FM	CG		-	-
		PR	ANJ	AK			
	III Semester	IB	MA	ED		-	-
		AK	PR	ANJ			

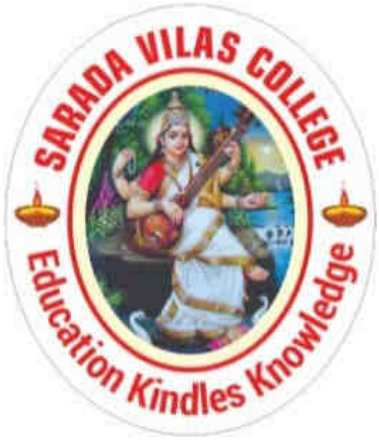
LUNCH BREAK

Subjects:

I semester:	III Semester:	Name of the Faculty:
Accounting Theory	Business Research Methods	ANJ -Dr. Jyothi A N
Corporate Governance and Business Ethics	International Business	AK -Ms. Arpitha K
Financial Management	Entrepreneurship Development	PR -Mrs. Pragathi
Marketing Management	Elective Group A: Business Taxation Paper 1: Indirect Tax Law and	
Statistics for Business Decisions	Elective Group E: Management Accounting Paper 1:Marginal Costing	

19/11/22

Principal
Sarada Vilas College
Mysore - 570 004



SARADA VILAS COLLEGE

KRISHNAMURTHYPURAM, MYSURU

DEPARTMENT OF PHYSICS

TEACHING PLAN

ACADEMIC YEAR: 2022-2023

TEACHING PLAN FOR THE YEAR 2022 - 2023

FIRST SEMESTER (NEP)

Title: Mechanics and properties of matter

Teacher 1

MONTH	HOURS	PORTIONS TO BE COVERED
September	**3**	Bridge course – units & dimensions and other concepts of physics
October	**4**	Bridge course – least count of apparatus, screw gauge & vernier caliper's
November	**4**	**Chapter No. 1 Units and measurements:** System of units (CGS and SI), measurement of length, mass and time, dimensions of physical quantities, dimensional formulae. Minimum deviation, errors.
December	**5**	**Chapter No.2 Momentum and Energy**: Work and energy, Conservation of momentum (linear). Conservation of energy with examples. Motion of rockets.
January	**4**	**Chapter No.3** **Special Theory of Relativity:** Constancy of speed of light. Postulates of Special Theory of Relativity. Length contraction. Time dilation. Relativistic addition of velocities.

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
September	**3**	Bridge course-concepts of motions and other concepts of physics
October	**4**	Bridge course-continuation of concepts of motion, moment of inertia
November	**4**	**Chapter No.4 Laws of Motion:** Newton's Laws of motion. Dynamics of single and a system of particles. Centre of mass.
		Dynamics of Rigid bodies: Rotational motion about an axis, Relation between torque and angular momentum,
December	**5**	Rotational energy. moment of inertia: M I of a rectangular Lamina and solid cylinders. Flywheel, Theory of compound pendulum and determination of g.
January	**4**	**Chapter No.6 Gravitation:** Law of Gravitation. Motion of a particle in

		a central force field (motion is in a plane, angular momentum is conserved, areal velocity is constant). Kepler's laws (statements). Satellite in a circular orbit.

Teacher 3

MONTH	HOURS	PORTIONS TO BE COVERED
September	**3**	Bridge course-Basic concepts of types of bodies
October	**4**	Bridge course- Discussion of regular bodies irregular bodies with examples
November	**4**	**Unit 3: Chapter No.7** **Elasticity:** Hooke's law – Stress-strain diagram, elastic moduli-relation between elastic constants, Poisson's Ratio-expression for Poisson's ratio in terms of elastic constants.
December	**5**	Work done in stretching and work done in twisting a wire-Twisting couple on a cylinder.
January	**4**	Torsional-pendulum Determination of rigidity modulus and moment of inertia – q, η and σ by Searle's method

Teacher 4

MONTH	HOURS	PORTIONS TO BE COVERED
September	**3**	Bridge course-Basic concepts of viscosity with an examples
October	**4**	Bridge course-Basic concepts of surface tension with an examples.
November	**5**	**Chapter No.8 Surface tension:** Definition of surface tension. Surface energy, relation between surface tension and surface energy, pressure difference across curved surface example,
December	**2**	Excess pressure inside spherical liquid drop, angle of contact.
	3	**Viscosity:** Streamline flow, turbulent flow, equation of continuity,

January	**4**	Determination of coefficient of viscosity by Poiseuille's method, Stokes's method. Problems.

TEACHING PLAN FOR THE YEAR 2022– 2023

III SEMESTER (NEP) (A & B SECTION)

Title: Wave motion and Optics

Teacher1

MONTH	HOURS	PORTIONS TO BE COVERED
November	**4**	Plane and Spherical Waves. Longitudinal and Transverse Waves. Characteristics of wave motion, Plane Progressive (Travelling) Wave and its equation, Wave Equation – Differential form (derivation). Particle and Wave Velocities: Relation between them, Energy Transport – Expression for intensity of progressive wave, Newton's Formula for Velocity of Sound. Laplace's Correction (Derivation).
December	**1**	Brief account of Ripple and Gravity Waves.
	4	Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies
January	**4**	(2) different frequencies (Beats) – Analytical treatment. Superposition of two perpendicular Harmonic Oscillations: Lissajous Figures with equal and unequal frequency- Analytical treatment. Uses of Lissajous' figures.
February	**4**	Previous year question papers are discussed

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
November	**4**	Velocity of transverse waves along a stretched string (derivation), Standing (Stationary) Waves in a String - Fixed and Free Ends (qualitative). Theory of Normal modes of vibration in a stretched string, Energy density and energy transport of a transverse wave along a stretched string. Vibrations in rods – longitudinal and transverse modes (qualitative).
December	**5**	Velocity of Longitudinal Waves in gases (derivation). Normal Modes of vibrations in Open and Closed Pipes – Analytical treatment. Concept of Resonance, Theory of Helmholtz resonator.
January	**4**	Absorption coefficient, Reverberation and Reverberation time, Sabine's Reverberation formula (derivation), Factors affecting acoustics in buildings, Requisites for good acoustics. Acoustic measurements – intensity and pressure levels.
February	**2**	Previous year question papers are discussed

Teacher3

MONTH	HOURS	PORTIONS TO BE COVERED
November	**4**	The corpuscular model of light-The wave model-Maxwell's electromagnetic waves-Wave Particle Duality
December	**5**	Huygen's theory-Concept of wave-front-Interference pattern produced on the surface of water-Coherence-Interference of light waves by division of wave-front-Young's double slit experiment- derivation of expression for fringe width-Fresnel Biprism- Interference with white light- Numerical Problems
January	**4**	Interference by division of amplitude-Interference by a plane parallel film illuminated by a plane wave-Interference by a film with two non-parallel reflecting surfaces- colour of thin films—Newton's rings-(Reflected light)-Michelson Interferometer-Determination of wavelength of light*
February	**4**	Maxwell's bridge, De-Sauty bridge, Robinson's bridge

Teacher4

MONTH	HOURS	PORTIONS TO BE COVERED
November	**4**	Introduction- Fraunhofer diffractions- Single slit diffraction pattern-position of Maxima and Minima (Qualitative arguments)- Two slit diffraction pattern-position of Maxima and minima- Theory of plane diffraction grating-Grating spectrum- normal and oblique incidence- Resolving power and dispersive power of a grating Single slit; Double Slit.
December	**5**	Multiple slits & Diffraction grating. Fresnel Diffraction- Fresnel half period zones-

		Diffraction by a circular aperture- diffraction by an opaque disc-The zone plate -comparison between zone plate and convex lens.
		Parallel resonance—half-power frequencies, bandwidth and *Q*- factor. Power in electrical circuits—power factor.
January	**4**	Introduction-Production of polarized light-The wire Grid polarizer and Polaroid-Superposition of two disturbances-Phenomenon of double refraction-Quarter wave plates and half wave plates-Analysis of polarized light-optical activity
February	**3**	

TEACHING PLAN FOR THE YEAR 2022– 2023

V - SEMESTER (CBCS) (A & B SECTION)

Title: Nuclear and theoretical physics (DSE)

Teacher1

MONTH	HOURS	PORTIONS TO BE COVERED
November	**1**	**Special theory of relativity:** Michelson-Morley experiment and its outcome. Postulates of Special Theory of Relativity.
	3	Lorentz transformations (no derivation). Lorentz contraction. Time dilation Relativistic transformation of velocity, Relativistic addition of velocities. Variation of mass with velocity.
December	**2**	Rest mass. Massless particles. Mass energy equivalence, $E=mc^2$.The energy-momentum relation. The principle of equivalence
	3	**Cosmic rays and particle physics:** Cosmic ray discovery; Primary and secondary cosmic rays—their composition. Cosmic ray showers. Origin of cosmic rays, Mention of the basic interactions in nature; Particles and antiparticles. Types of interaction

		between elementary particles, Classification of particles.
January	**2**	Conservation laws. A qualitative introduction to quarks (quark model). Numerical problems.
	2	**Mass spectrographs:** Theory of Dempster and Aston mass spectrograph. Numerical problems.
February	**2**	**Nuclear-detectors:** Bubble Chamber.GM-counter. Principle of semiconductor detector.
	2	Previous year question papers are discussed

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
November	**1**	**The nucleus:** Properties of nucleus. Discovery of neutron.
	1	The proton- neutron hypothesis. Nuclear forces and their characteristics. Yukawa's theory (qualitative).
	2	**Radioactive decay:** Successive disintegration, Radioactive equilibrium, Range and energy of alpha-particles and their measurements. Theory of alpha-decay(qualitative). Geiger-Nuttal law. Beta Decay—Pauli's neutrino hypothesis,
December	**1**	K- electron capture, internal conversion. Nuclear isomerism. Mirror nuclei. Numerical problems.
	3	**Accelerators:** Cockroft-Walton voltage multiplier, Cyclotron, and Betatron. Numerical problems.

	1	**Nuclear reactions:** Q-values. Threshold energy of an endoergic reaction.
January	**1**	Re- actions induced by proton, deuteron and particles. Numerical problems.
	2	**Nuclear models:** Liquid-drop model. Semi-empirical mass formula. Shell model, and magic numbers. Numerical problems
	1	**Nuclear fission, and fusion:** Estimation of the fission energy on the basis of the liquid drop model,
February	**2**	The four-factor formula, Thermo-nuclear reactions- sources of stellar energy. The C-N cycle, Numerical problems.
	2	Previous year question papers are discussed

Teacher 3

MONTH	HOURS	PORTIONS TO BE COVERED
November	**1**	**Part C:** Failure of classical mechanics in the microscopic domain. Black body radiation,.
	3	Hydrogen atom, Specific heats of solids, Fine structure of spectral lines, Particle and wave nature in classical mechanics. Dual nature of light and Matter, de Broglie's concept of matter waves, Expression for de Broglie's wave, Phase and group velocity. Experiments of Thomson and of Davisson and Germer.
December	**2**	Heisenberg's uncertainty principle, Examples of position-momentum uncertainty—the gamma ray microscope (thought experiment). Numerical problems.
	3	Schr¨ondinger's equation: Eigenvalues, eigenfunctions; Eigenvalue equation, Dynamical variables as operators,

		Hermitian operators.
January	**4**	Postulates of quantum mechanics. Setting up the time-independent Schrodinger equation and time dependent Schrodinger equation. The notion of probability and Born's interpretation of the wave function. Solution of the time-independent Schrodinger equation for a particle in one-dimensional infinite potential—calculation of its energy eigenvalues.
February	**2**	Harmonic oscillator—mention of energy eigenvalues and eigen zero-point energy. Numerical problems.
	2	Previous year question papers are discussed

TEACHING PLAN FOR THE YEAR 2022– 2023

V - SEMESTER (CBCS) (A & B SECTION)

2. Lasers and fiber optics (SEC)

Teacher 1

MONTH	HOURS	PORTIONS TO BE COVERED
November	**1**	**Laser basics:** Coherence properties of laser light, temporal coherence, monochromaticity
	3	Spatial coherence, directionality, line width, brightness, di- vergence, line shape broadening, focusing properties of laser radiation, laser modes—axial and transverse, mode selection, Single mode operation, selection of laser emission line.
December	**3**	**Laser oscillator:** Pumping schemes, Gain–threshold conditions; Optical resonators.
	2	**Types of lasers:** Construction and principles of working of Nd-YAG, CO_2,
January	**2**	Construction and principles of working of dye lasers and semiconductor lasers.
	2	**Laser diodes:** Lasing conditions and gain in

		a semiconductor, selective amplification and coherence,Materials for laser diodes, quantum well lasers,
February	**2**	Surface emitting lasers, characterization and modulation of lasers.
	2	Previous year question papers are discussed

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
November	**1**	**Fiber optics and dielectric wave guides:** Wave Guide—Slab wave guide Modes,
	2	V number, Modal material and waveguide dispersions, Numerical problems.
	1	**Optical fibre:** Types, functions, light propagation, optical power, velocity of propagation, critical angle,
December	**2**	acceptance angle, numerical aperture, mode of propagation.
	3	Numerical problems. **Index profile:** Single mode step-index optical fiber, multimode step-index fiber, graded index fiber; advantages and disadvantages. Numerical problems.
January	**4**	**Energy losses in optical fiber:** Bit rate, dispersion optical fiber communication, and optical bandwidth,
February	**2**	Absorption and scattering, optocoupler.
	2	Previous year question papers are discussed

TEACHING PLAN FOR THE YEAR 2022 - 2023

II SEMESTER (NEP)

Title: Electricity & Magnetism

Teacher 1

MONTH	HOURS	PORTIONS TO BE COVERED
MARCH	**2**	**Electric charge and field** Coulomb's law, electric field strength,
APRIL	**2**	electric field lines, point charge in an electric field and electric dipole, work done by a charge (derivation of the expression for potential energy)
	2	Gauss's law and its applications (electric fields of a (i) spherical charge distribution, (ii) line charge
MAY	**1**	(iii) an infinite flat sheet of charge).
	3	Electric potential, line integral, gradient of a scalar function, relation between field and potential.
JUNE	**4**	Potential due to point charge and distribution of charges (Examples: potential associated with a spherical charge distribution, (infinite line charge distribution, infinite plane sheet of charges).
JULY	**2**	Constant potential surfaces, Potential due to a dipole and electric quadrupole.

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
MARCH	**2**	**Conductors in electrostatic field** Conductors and insulators, conductors in the electric field.
APRIL	**4**	Capacitance and capacitors, calculating capacitance in a parallel plate capacitor, parallel plate capacitor with dielectric, dielectrics: an atomic view.
MAY	**1**	Energy stored in a capacitor, Dielectric and Gauss's law.
	3	Electric currents and current density. Electrical conductivity and Ohm's law. Physics of electrical conduction, conduction in metals and semiconductors,
JUNE	**4**	circuits and circuit elements: Variable currents in capacitor circuits, Resistor, inductor and capacitor and their combination. force on a moving charge.
JULY	**2**	**NUMERICALS**

Teacher 3

MONTH	HOURS	PORTIONS TO BE COVERED
MARCH	**2**	**Magnetism** Definition of magnetic field, Ampere's law
APRIL	**4**	Biot-Savart law (magnetic force and magnetic flux), Magnetic force on a current carrying conductor, Hall effect. Electromagnetic induction, conducting rod moving in a magnetic field,
MAY	**2**	law of induction and mutual inductance, self

		inductance and energy stored in a magnetic field.
	2	**Alternating current circuits:** Resonant circuit, alternating current,
JUNE	**4**	Quality factor, RL, RC, LC, LCR circuits, admittance and impedance, power and energy in AC circuits.
JULY	**2**	NUMERICALS

Teacher 4

MONTH	HOURS	PORTIONS TO BE COVERED
MARCH	**2**	**Electromagnetic waves:** Equation of continuity,
APRIL	**4**	Maxwell's equations, displacement current, electromagnetic wave, energy transported by electromagnetic waves. Electromagnetic waves in different frames of reference, Field of a current loop,
MAY	**2**	magnetic moment, Electric current in atoms, electron spin and magnetic moment, magnetization and magnetic susceptibility
	2	**Types of magnetic materials:** diamagnetic,
JUNE	**4**	paramagnetic and ferromagnetic materials. B-H hysteresis curves.
JULY	**2**	Numericals

TEACHING PLAN FOR THE YEAR 2022– 2023

IV SEMESTER (A & B SECTION)

Title: THERMAL PHYSICS AND ELECTRONICS

Teacher1

MONTH	HOURS	PORTIONS TO BE COVERED
April	**2**	**Interference:** Concept of coherent sources. Interference by division of wave front—Theory of Fresnel's biprism,
MAY	**4**	Interference by division of amplitude—Thin films of uniform thickness, anti-reflective coatings, Newton's rings. Interference at a wedge. Michelson's interferometer—Measurement of λ and dλ. Numerical problems.
JUNE	**4**	**Diffraction:** Fresnel and Fraunhofer diffraction. Explanation of rectilinear propagation of light. Theory of the zone plate. Comparison with a convex lens. Fresnel diffraction at a straight edge. Fraunhofer diffraction at a single slit.
JULY	**4**	Transmission grating—theory for the case of normal incidence, resolving power and dispersive power of plane grating. Numerical problems.
AUGUST	**1**	

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
April	**2**	**Polarization:** Double refraction in uniaxial crystals. Huygens's theory. Positive and negative crystal. Principal refractive indices.
MAY	**4**	Huygens's constructions of O and E wave fronts in a uniaxial crystal—(i) optic axis in the plane of incidence and parallel to the crystal surface at normal incidence, (ii) optic axis in the plane of incidence and perpendicular to the crystal surface at normal incidence. Retarding plates.
JUNE	**4**	Production and analysis of linearly, Circularly and elliptically polarized light. Optical activity, Fresnel's theory, Rotatory polarization. Use of biquartz. Elementary idea of Babinet compensator, Interference of polarized light-Expression for resultant intensity, calculation of thickness of wedge shaped crystal plate(negative and positive), calculation of fringe width. Numerical problems.
JULY	**2**	**Lasers:** Properties, Metastable state. Spontaneous emission, stimulated emission,
	2	Population inversion. Three level lasers. The He-Ne laser, Ruby laser. Laser applications: nuclear fusion, medical, communications, and industrial applications.

Teacher3

MONTH	HOURS	PORTIONS TO BE COVERED
April	**2**	**The Electron:** Determination of e/m of an electron by Thomson's method. Determination of charge of an electron by Millikan's oil drop method.
MAY	**1**	Numerical problems.
JUNE	**3**	**Atomic Spectra:** A qualitative account of Sommerfeld relativistic atom model. Excitation and Ionization potentials— Franck-Hertz experiment. Vector model of atom. Electron spin. Space quantization.
JUNE	**4**	Magnetic moment of an electron due to its orbital motion. Stern-Gerlach experiment. Spin-orbit interaction and the fine structure of spectral lines. Quantum number and selection rules. Pauli's exclusion principle.
JULY	**1**	**Applications of ac circuits:** i) ac bridges— Anderson's bridge
AUGUST	**2**	Electronic configuration of atoms. Valence electron. Brief mention of *LS* and *JJ* coupling for multi-electron atoms.

Teacher4

MONTH	HOURS	PORTIONS TO BE COVERED
MAY	**2**	**Zeeman effect:** Normal and anomalous effects, Experimental details of normal Zeeman effect, explanation of normal Zeeman effect on the basis of classical model, expression for the Zeeman shift
JUNE	**1**	Numerical-problems.
	3	**Molecular spectra and The Raman effect:** Rotation, vibration and electronic spectra of molecules, associated quantum numbers and

		selection rules. The o-ray of pure rotation spectra.
JULY	**4**	Theory of rotational-vibrational spectra. Raman effect—Salient features, experimental setup to study Raman effect. Quantum
AUGUST	**2**	Theory of Raman effect; Intensity and polarization of Raman lines; Applications. Fluorescence and phosphorescence. Numerical problems.

TEACHING PLAN FOR THE YEAR 2022– 2023

VI- SEMESTER (CBCS) (A & B SECTION)

Title: Solid State Physics (DSE)

MONTH	HOURS	PORTIONS TO BE COVERED
APRIL	**2**	**Semiconductors:** Concept of bands in solids. Intrinsic and extrinsic semi- conductors. Depletion region, drift velocity,
MAY	**3**	expression for electron and hole concentration in intrinsic semiconductor under thermal equilibrium. Derivation of the expression for electrical conductivity of intrinsic semiconductors; electron and hole mobilities; Expression for the energy gap; Hall effect in semiconductors. Numerical problems.
	1	**Semiconductor devices:** Diode current equation, *IV* characteristics, Bridge rectifier,
JUNE	**2**	, Expression for ripple factor and efficiency. Filters—Zener breakdown and avalanche breakdown. Phenomenon of photoconductivity, photovoltaic cells, LED, FET. Numerical problems.
	2	**Transistors:** Type and configuration, *h* parameters; Methods of transistor biasing—voltage divider bias; Fixing operating point, drawing load line. Effect of temperature on the operating point. **Amplifier:** Two stage transistor RC coupled amplifier,
JULY	**3**	mathematical analysis, frequency response curve, half power frequency bandwidth.

		Oscillators: The feedback concept—positive and negative feedback. Mention of the Barkhausen criterion. Hartley oscillator.
AUGUST	**1**	

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
APRIL	**2**	**Statistical physics:** Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac energy distribution formulae (no derivation). A qualitative comparison of the three distribution formulae. **Dielectric properties:** Dielectric materials; their properties.
MAY	**4**	Method of deter- mining dielectric constant for solids and liquids. **Thermal properties of solids:** Dulong and Petit's law; its limitations. Ein- stein's theory of specific heat. Debye's theory of specific heat. Numerical Problems. **Electrical properties of metals:** Band theory of solids—review,
JUNE	**4**	Free electron theory of metals—classical theory and quantum theory. Expression for electrical conductivity—Ohm's law, Wiedemann-Franz law. Statement of number of the available energy states between E and E +dE. Expression for the Fermi energy. Hall effect and magnetoresistance in metals. Expression for Hall coefficient in metals. Numerical problems.
JULY	**4**	Logic gates: Construction of AND, OR, and NOT logic gates using Diodes and transistors (two input).

		Symbols and discussion of truth tables using Boolean expressions for NOR, NAND, and XOR logic gates. Half adder and full adder.
AUGUST	**1**	

Teacher 3

MONTH	HOURS	PORTIONS TO BE COVERED
APRIL	**2**	**Superconductivity:** Elementary ideas and experimental facts. Meissner effect. Magnetic properties of type-I and type-II superconductors, Critical magnetic field. Influence of external agents on superconductivity, Cooper pairs,
MAY	**4**	**Superconductivity:** Elementary ideas and experimental facts. Meissner effect. Magnetic properties of type-I and type-II superconductors, Critical magnetic field. Influence of external agents on superconductivity, Cooper pairs, **X-rays:** Bragg's law and the Bragg spectrometer.
JUNE	**4**	A brief mention of the different types of crystals. Miller indices, structure of NaCl and KCl crystals. Continuous ray spectrum and its origin, Duane and Hunt limit. Characteristic X-ray spectra and its origin. Mosley law and its significance.
JULY	**4**	Compton effect-Expression for Compton shift, Compton wavelength, Verification of change in wavelength; Reason for non-observance of Compton effect in visible light. Numerical prob-lems.

TEACHING PLAN FOR THE YEAR 2022– 2023

VI - SEMESTER (A & B SECTION)

2. Optoelectronics (SEC)

Teacher 1

MONTH	HOURS	PORTIONS TO BE COVERED
APRIL	**2**	**Optical process in a semiconductor:** Electron-hole pair formation and re-combination, absorption in semiconductor direct and indirect band gap semi-conductors,
MAY	**4**	effect of electric field on absorption, Franz-Keldysh effect in semi- conductors. **Optoelectronic devices:** Light Emitting Diodes—Materials for light emit- ting diodes, Principle of action of LED, expression for light power in terms of photon energy,
JUNE	**4**	homo-structured LED and Heterojunction LED, drawbacks of homo-structured LED. Types of LED structures—planar, dome type, surface emitter, edge emitter, super luminescent structure. Performance characteristics of LED—Optical output power-current characteristics, forward current voltage characteristics, Modulation bandwidth, power bandwidth product, Lifetime, Rise time/fall time, reliability,
JULY	**4**	Internal quantum efficiency, advantages / disadvantages of using LED. Numerical problems. **Organic optoelectronic devices:** Organic light emitting diodes (OLED), The principle of OLED, characterisation, structure, efficiency, multilayer OLED.
AUGUST	**1**	

Teacher 2

MONTH	HOURS	PORTIONS TO BE COVERED
APRIL	**2**	**Photo detectors:** Important parameters of photodetectors, Detector responsivity, spectral response range, response time, quantum efficiency, capacitance, noise characteristics. Absorption of radiation—absorption coefficient, mention of expression for photocurrent
MAY	**4**	long wavelength cut off, direct and in-direct absorption. Types of photodiodes—Junction photodiodes, pin diode, avalanche photodiodes, CCD photodetectors; Comparison of different detectors, Photomultiplier tubes. Phototransistors—characteristics.
JUNE	**4**	Photoconductive detectors—expression for photoconductive gain (as in the book of Kasap S. O.). Numerical problems. **Photovoltaic devices:** Solar cell—*IV* characteristics, efficiency, materials.
JULY	**2**	Organic photovoltaic diodes (OPVD)—fundamental process, exciton absorp- tion, exciton dissociation, charge transport, charge collection, characterisation. Numerical problems.
AUGUST	**1**	

I SEMESTER (CBCS)

TEACHING PLAN.

Week	Content to cover (PAPER – 1 (ALGEBRA -1 AND DIFFERENTIAL CALCULUS-1	Mode of teaching
1	**Matrices: Introduction to matrix andoperations on matrix and elementary properties. Rank of a matrix by Elementary row/column operations. Invariance of rank under elementaryoperations.**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Inverse of a non-singular matrix by elementary operations. System of m linear equations in n unknowns and matrices associated with linear equations. Trivial and non-trivial solutions.Criterion for existence of non-trivial solution of homogeneous and non-homogeneous systems.	**Chalk and talk method**
3	Criterion for uniqueness of solutions.Problems related to eigen values and eigenvectors of a square matrix.Properties of certain type of matrices related to eigen values and eigen vectors.	**Chalk and talk method and FOSS programming.**
4	Diagonalization of a real symmetric matrix. Cayley -Hamilton theorem .Applications to determine the powers of square matrices and inverses of non-singular matrices.	**Chalk and talk method and FOSS programming.**
5	Theory of Equations: Revision of basic quadratic equations and then theory of equations. Euclid's algorithm Polynomials with integral coefficients.	**Chalk and talk method.**
6	Remainder theorem, Factor theorem, Fundamental theorem of algebra and problems based on these theorems.Discussion of irrational and complex roots occurring in conjugate pairs.	**Chalk and talk method and FOSS programming.**
7	Relation between roots and coefficients of a polynomial equation and problems on symmetric functions and transformation. Reciprocal ofequations.	**Chalk and talk method and FOSS programming.**
8	Descartes' rule of signs to discuss the nature of roots (multiple roots) and solving cubic equations by Cardon's method – solving quartic equations by Descarte's Method.	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Derivatives of higher n th order: derivatives of the functions: e ax , (ax + b) n , log(ax +b), sin(ax+b) and cos(ax + b). Problems on these types.**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	derivatives of the functions: e ax sin(ax+b), e ax cos(ax + b). Problems on these types and Leibnitz theorem.	**Chalk and talk method and FOSS programming.**
11	Reduction formulae for $\int \sin^n x\,dx$, $\int \cos^n x\,dx$, $\int \sin^n x \cos mx\,dx$, $\int \tan^n x\,dx$, $\int \cot^n x\,dx$, $\int \sec^n x\,dx$, $\int \operatorname{cosec}^n x\,dx$, $\int x^n \sin x\,dx$, $\int x \cos^n x\,dx$, $\int x^n e^{ax}\,dx$ with definite limits.	**Chalk and talk method.**
12	Polar coordinates and angle between the radius vector and the tangent at a point on a curve. Related problems..	**Chalk and talk method and FOSS programming.**
13	Angle of intersection between two curves	**Chalk and talk method and FOSS programming.**
14	. Pedal equations Derivative of arc length in Cartesian. Related problems.	**Chalk and talk method and FOSS programming.**
15	Derivative of arc length in parametric and polar form. Related problems.	**Chalk and talk method**
16	Coordinates of center of curvature, radius of curvature, circle of curvature, evolutes. Related problems.	**Chalk and talk method.**

II SEMESTER (CBCS)

TEACHING PLAN

Week	Content to cover DSC– MATH – 02 : CALCULUS - II AND THEORY OF NUMBERS	Mode of teaching
1	**Limits, Continuity and Differentiability** **Limit of a function – Properties and problems, Continuity of functions**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Properties and problems – Infimum and supremum of a function	**Chalk and talk method**
3	Infimum and supremum of a function – Theorems on continuity	**Chalk and talk method and FOSS programming.**
4	Intermediate value theorem, Differentiability. (Revised with Minor Modifications)	**Chalk and talk method and FOSS programming.**
5	Differential Calculus - III Rolle's theorem – Lagrange's Mean Value theorem	**Chalk and talk method.**
6	Cauchy's mean value theorem – Taylor's theorem – Maclaurin's theorem	**Chalk and talk method and FOSS programming.**
7	Taylor's infinite series and power series expansion – Maclaurin's infinite series – Indeterminate forms. (Revised	**Chalk and talk method and FOSS programming.**
8	Taylor's infinite series and power series expansion – Maclaurin's infinite series – Indeterminate forms.	**Chalk and talk method teaching** **Test-1 is coordinated by IA Committee**
9	**Partial Derivatives Functions of two or more variables – Explicit and implicit functions – The neighbourhood of a point**	**Chalk and talk method and FOSS programming.** **Test-2 is conducted and coordinated by HOD of the department.**
10	The limit of a function – Continuity – Partial derivatives — Homogeneous functions – Euler's theorem	**Chalk and talk method and FOSS programming.**
11	Chain rule – Change of variables – Directional derivative – Partial derivatives of higher order	**Chalk and talk method.**
12	Taylor's theorem for two variables – Derivatives of implicit functions – Jacobians – Some illustrative examples.	**Chalk and talk method and FOSS programming.**
13	Theory of Numbers Division Algorithm - Divisibility – Prime and composite numbers – Euclidean algorithm	**Chalk and talk method and FOSS programming.**
14	fundamental theorem of Arithmetic – The greatest common divisor and least common multiple – congruences	**Chalk and talk method and FOSS programming.**
15	Linear congruences –Simultaneous congruences	**Chalk and talk method**
16	Wilson's, Euler's and Fermat's Theorems and their applications.	**Chalk and talk method.**

III SEMESTER (CBCS)

Teaching Plan

Week	Content to cover DSC – MATH – 03 : ALGEBRA – II AND DIFFERENTIAL EQUATIONS – I	Mode of teaching
1	**Group Theory I Definition and examples of groups – Some general properties of Groups, Group of permutations**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	– Cyclic permutations – Even and odd permutations. Powers of an element of a group	**Chalk and talk method**
3	Subgroups – Cyclic groups problems and theorems. Cosets, Index of a group,	**Chalk and talk method and FOSS programming.**
4	Lagrange's theorem, consequences.	**Chalk and talk method and FOSS programming.**
5	Normal Subgroups and Homomorphism Normal Subgroups,	**Chalk and talk method.**
6	Quotient groups – Homomorphism.And problems	**Chalk and talk method and FOSS programming.**
7	Kernel of homomorphism – Isomorphism - Automorphism	**Chalk and talk method and FOSS programming.**
8	– Fundamental theorem of homomorphism, consequences	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Differential Equations Recapitulation of Definition, examples of differential equations, formation of differential equations by elimination of arbitrary constants,**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	Differential equations of first order- separation of variables, homogeneous differential equations. Exact differential equations,	**Chalk and talk method and FOSS programming.**
11	reducible to exact, Linear differential equations. The general solution of a linear equation –	**Chalk and talk method.**
12	Integrating factors found by inspection. The determination of integrating factors, Bernoulli's equation.	**Chalk and talk method and FOSS programming.**
13	Ordinary Differential Equations Ordinary Linear differential equations with constant coefficients	**Chalk and talk method and FOSS programming.**
14	Complementary function – particular integral	**Chalk and talk method and FOSS programming.**
15	Inverse differential operators. Cauchy – Euler differential equations	**Chalk and talk method**
16	Simultaneous differential equations (two variables with constant coefficients)	**Chalk and talk method.**

IV SEMESTER (CBCS)

Teaching Plan.

Week	Content to cover DSC – MATH – 04 : DIFFERENTIAL EQUATIONS – II AND REAL ANALYSIS - I	Mode of teaching
1	**Linear differential equations Solution of ordinary second order linear differential equations with variable coefficient by various methods such as : (i) Changing the independent variable.**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	(ii) Changing the dependent variable. (iii) By method of variation of parameters. (iv) Exact equations.	**Chalk and talk method**
3	Total differential equations - Necessary and sufficient condition for the equation Pdx +Qdy + Rdz = 0 to be exact	**Chalk and talk method and FOSS programming.**
4	Simultaneous equations of the form dx/P=Dy/Q=Dz/R .	**Chalk and talk method and FOSS programming.**
5	Partial differential equations Basic concepts – Formation of a partial differential equations by elimination of arbitraryconstants and functions –	**Chalk and talk method.**
6	Solution of partial differential equations – Solution by Direct integration, Lagrange's linear equations of the form Pp + Qq = R , Standard types of first order non-linear partial differential equations –	**Chalk and talk method and FOSS programming.**
7	Charpit's method – Homogenous linear equations with constant coefficient	**Chalk and talk method and FOSS programming.**
8	Rules for finding the complementary function – Rules for finding the particular integral, Method of separation of variables (product method).	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Riemann integration and Line Integral The Riemann integral – Upper and lower sums**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	– Criterion for integrability – Properties of Riemann Integrals – Integrability of continuous functions and monotonic functions.	**Chalk and talk method and FOSS programming.**
11	Fundamental theorem of Calculus (Statement only) – Problems, Integration as a limit of sum (problems only) (Revised with Minor Modifications)	**Chalk and talk method.**
12	Definition of a line integral and basic properties – Examples on evaluation of line integrals.	**Chalk and talk method and FOSS programming.**
13	Multiple Integrals Definition of a double integral – Conversion to iterated integrals – Evaluation of double integrals under given limits	**Chalk and talk method and FOSS programming.**
14	Evaluation of double integrals in regions bounded by given curves. Changing the order of integration,	**Chalk and talk method and FOSS programming.**
15	Change of variables from Cartesian to polar – Plane areas, Surface areas. Definition of a triple integral – Evaluation –	**Chalk and talk method**
16	Change of variables (Cylindrical and Spherical) – Volume as a triple integral. (Revised with Minor Modifications	**Chalk and talk method.**

V SEMESTER. (CBCS)

Teaching Plan

Week	Content to cover DSE – MATH – 01 : REAL ANALYSIS-II AND ALGEBRA - III	Mode of teaching
1	**Real Sequences: Sequence of real numbers examples Bounded and unbounded sequences.Content related assignment questions are given in the class.**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Infimum andsupremum of a sequence and examples. Limit of a sequence. Algebra of limits- Sum, product and quotient of limits. Content related assignment questions are given in the class.	**Chalk and talk method**
3	Standard theorems on limits. Convergent, divergent and oscillatory sequences. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
4	Monotonic sequences and their properties. Cauchy's general principle of convergence. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
5	Infinite series of real numbers. Convergence, divergence and oscillation of series. Content related assignment questions are given in the class.	**Chalk and talk method.**
6	Properties of convergence. Problems on positive termed series. Geometric series. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
7	p series- Comparison tests. D'Alembert's ratio test and related problems. Content related assignment question are given in the class. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
8	Raabe's test ,Cauchy's root test, Leibnitz's test for alternating Series and problems on it. Test -1- based on completed content of the syllabus	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Definition of Rings, Examples, Integral Domains, Division rings, Fields, Subrings, Subfields. Content related assignment questions are given in the class.**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	Characteristic of a ring. Ordered integral domain. Imbedding of a ring into another ring. The field of quotients. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
11	Definition of Ideals , Algebra of Ideals , Principal ideal ring, Divisibility in an integral Domain, Units and Associates. Content related assignment questions are given in the class. Student seminars are organized.	**Chalk and talk method.**
12	Prime Elements Polynomial rings, Divisibility , Irreducible Polynomials. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
13	Division Algorithm, Greatest Common Divisors, Euclidean Algorithm. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
14	Unique factorization theorem, Prime fields, Quotient rings. Problems on it. Content related assignment questions are given in the class.	**Chalk and talk method and FOSS programming.**
15	Homomorphism of rings, Kernel of a ring homomorphism. Fundamental theorem of homomorphism. Assignments are collected from the students	**Chalk and talk method**
16	Maximal ideals, Prime Ideals, Properties, Eisensten's Criterion of irreducibility.	**Chalk and talk method.**

V SEMESTER (CBCS)

Teaching Plan

Week	Content to cover SEC – MATH – 02 : NUMERICAL ANALYSIS	Mode of teaching
1	**Numerical solutions of Algebraic and transcendental equations – Bisection method**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	– The method of false position – Newton – Raphson method .	**Chalk and talk method**
3	Numerical solutions of first order linear differential equations	**Chalk and talk method and FOSS programming.**
4	Euler – Cauchy method – Euler's modified method	**Chalk and talk method and FOSS programming.**
5	Runge -Kutta fourth order method	**Chalk and talk method.**
6	Picard's method.	**Chalk and talk method and FOSS programming.**
7	Finite differences and Numerical integration	**Chalk and talk method and FOSS programming.**
8	Forward and backward differences – shift operator	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**shift operator – Interpolation**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	Newton – Gregory forward and backward interpolation formulae	**Chalk and talk method and FOSS programming.**
11	– Lagrange's interpolation formula.	**Chalk and talk method.**
12	General quadrature formula	**Chalk and talk method and FOSS programming.**
13	– Trapezoidal Rule	**Chalk and talk method and FOSS programming.**
14	Trapezoidal Rule – Simpson's 1/3 rule	**Chalk and talk method and FOSS programming.**
15	Change of variables from Cartesian to polar – Plane areas, Surface areas. Definition of a triple integral – Evaluation –	**Chalk and talk method**
16	Simpson's 3/8 th rule, Weddle's rule.	**Chalk and talk method.**

VI SEMESTER (CBCS)

Teaching Plan

Week	Content to cover DSE – MATH – 02 : ALGEBRA - IV AND COMPLEX ANALYSIS I	Mode of teaching
1	**Vector Spaces – Introduction – Examples – Vector subspaces – Criterion for a subset to be a subspace – Algebra of Subspaces**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Linear Combination – Linear Span – Linear dependence and linear Independence of vectors	**Chalk and talk method**
3	Theorems on linear dependence and linear independence – Basis of a vector space	**Chalk and talk method and FOSS programming.**
4	Dimension of a vector space — Some properties – Quotient spaces - Homomorphism of vector spaces– Isomorphism of vector spaces – Direct Sums	**Chalk and talk method and FOSS programming.**
5	Linear transformation – Linear maps as matrices – Change of basis and effect of associated matrices	**Chalk and talk method.**
6	– Kernel and image of a linear transformation	**Chalk and talk method and FOSS programming.**
7	Rank and nullity theorem	**Chalk and talk method and FOSS programming.**
8	Eigenvalues and eigen vectors of a linear transformation.	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Functions of a Complex Variable Equation to a circle and a straight line in complex form Limit of a function – Continuityand differentiability –**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	Analytic functions – Singular points – Cauchy-Riemann equations in Cartesian and polar forms –	**Chalk and talk method and FOSS programming.**
11	Necessary and sufficient condition for function to be analytic – Harmonic functions – Real and Imaginary parts of an analytic function are harmonic	**Chalk and talk method.**
12	Construction of analytic function i) Milne Thomson Method – ii) using the concept of Harmonic function.	**Chalk and talk method and FOSS programming.**
13	Transformations Definition – Jacobean of a transformation	**Chalk and talk method and FOSS programming.**
14	Identity transformation – Reflection – Translation – Rotation – Stretching – Inversion – Linear transformation – Definitions – The Bilinear transformations	**Chalk and talk method and FOSS programming.**
15	Cross Ratio of four points – cross ratio preserving property – Preservation of the family of straight lines and circles	**Chalk and talk method**
16	– conformal mappings – Discussion of the transformations $w = z2$, $w = \sin z$. $w = ez$, $w = 1/2\ (z + 1/z)$.	**Chalk and talk method.**

SARADA VILAS COLLEGE
3rd Cross Road, Krishnamurthypuram, Mysuru

Department of Mathematics

Name of the Teacher:
Semester Handling: 6th (CBCS) (SEC)
Paper Title: Complex Analysis II and Improper Integrals
Names of the units handling: Complex Integration and Improper Integrals.
Duration allotted: 16 Weeks (32 Hours)

TEACHING PLAN

Unit	Week No	Content to be delivered
Unit 1 Complex Integration (16 Hours)	1	Recalling the basic terminologies of complex number system. Introduction to curves, connected sets, simply connected sets, rectifiable arcs. Riemannian definition of contour integral. Properties of the same and examples.
	2	Problems on the evaluation of line integrals using the properties.
	3	More problems on the evaluation of line integrals.
	4	Introduction to Cauchy's theorem. Proof using Green's theorem. Consequences of Cauchy's theorem.
	5	Consequences of Cauchy's theorem continued and some problems on verification of Cauchy's theorem and its consequences.
	6	Problems on Cauchy's integral formula (continued).
	7	More problems on Cauchy's Integral formula. Proof of Cauchy's Inequality.
	8	Liouville's theorem and Fundamental Theorem of algebra. Assessment of topics done till now.
Unit 2 Improper Integrals (16 Hours)	9	Definition and meaning of improper integrals. Introduction to gamma function and derivation of the recurrence relation.
	10	Alternative forms of Gamma function (derivation). Some properties of gamma function.
	11	Evaluation of values of Gamma function and some problems on gamma function.
	12	Introduction to beta function. Different forms of beta functions (derivation). Some simple problems on the evaluation of beta function
	13	Relation between beta and gamma function and problems related to the same.
	14	More problems on beta function and miscellaneous problems on beta – gamma functions
	15	Miscellaneous problems on beta gamma functions. Derivation of Legendre duplication formula
	16	Problems on Legendre Duplication formula and Assessment of topics done till now.

I SEMESTER (NEP)

Teaching Plan

Week	Content to cover **MATDSCT 1.1: Algebra - I and Calculus – I**	Mode of teaching
1	**Matrices: Introduction to matrix andoperations on matrix and elementary properties. Rank of a matrix by Elementary row/column operations. Invariance of rank under elementaryoperations.**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Inverse of a non-singular matrix by elementary operations. System of m linear equations in n unknowns and matrices associated with linear equations. Trivial and non-trivial solutions.Criterion for existence of non-trivial solution of homogeneous and non-homogeneous systems.	**Chalk and talk method**
3	Criterion for uniqueness of solutions.Problems related to eigen values and eigenvectors of a square matrix.Properties of certain type of matrices related to eigen values and eigen vectors.	**Chalk and talk method and FOSS programming.**
4	Diagonalization of a real symmetric matrix. Cayley -Hamilton theorem .Applications to determine the powers of square matrices and inverses of non-singular matrices.	**Chalk and talk method and FOSS programming.**
5	Theory of Equations: Revision of basic quadratic equations and then theory of equations. Euclid's algorithm Polynomials with integral coefficients.	**Chalk and talk method.**
6	Remainder theorem, Factor theorem, Fundamental theorem of algebra and problems based on these theorems.Discussion of irrational and complex roots occurring in conjugate pairs.	**Chalk and talk method and FOSS programming.**
7	Relation between roots and coefficients of a polynomial equation and problems on symmetric functions and transformation. Reciprocal ofequations.	**Chalk and talk method and FOSS programming.**
8	Descartes' rule of signs to discuss the nature of roots (multiple roots) and solving cubic equations by Cardon's method – solving quartic equations by Descarte's Method.	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Derivatives of higher n th order: derivatives of the functions: e ax , (ax + b) n , log(ax +b), sin(ax+b) and cos(ax + b). Problems on these types.**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	derivatives of the functions: e ax sin(ax+b), e ax cos(ax + b). Problems on these types and Leibnitz theorem.	**Chalk and talk method and FOSS programming.**
11	Reduction formulae for $\int \sin^n x\,dx$, $\int \cos^n x\,dx$, $\int \sin^n x \cos mx\,dx$, $\int \tan^n x\,dx$, $\int \cot^n x\,dx$, $\int \sec^n x\,dx$, $\int \operatorname{cosec}^n x\,dx$, $\int x^n \sin x\,dx$, $\int x \cos^n x\,dx$, $\int x^n e^{ax}\,dx$ with definite limits.	**Chalk and talk method.**
12	Polar coordinates and angle between the radius vector and the tangent at a point on a curve. Related problems..	**Chalk and talk method and FOSS programming.**
13	Angle of intersection between two curves	**Chalk and talk method and FOSS programming.**
14	. Pedal equations Derivative of arc length in Cartesian. Related problems.	**Chalk and talk method and FOSS programming.**
15	Derivative of arc length in parametric and polar form. Related problems.	**Chalk and talk method**
16	Coordinates of center of curvature, radius of curvature, circle of curvature, evolutes. Related problems.	**Chalk and talk method.**

II SEMESTER (NEP)

Teaching plan.

Week	Content to cover MATDSCT 2.1: Algebra – II {Number Theory) and Calculus – II	Mode of teaching
1	**Limits, Continuity and Differentiability** **Limit of a function – Properties and problems, Continuity of functions** Properties and problems – Infimum and supremum of a function	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	Infimum and supremum of a function – Theorems on continuity Intermediate value theorem, Differentiability.	**Chalk and talk method**
3	Differential Calculus - III Rolle's theorem – Lagrange's Mean Value theorem Cauchy's mean value theorem – Taylor's theorem – Maclaurin's theorem	**Chalk and talk method and FOSS programming.**
4	Taylor's infinite series and power series expansion – Maclaurin's infinite series – Indeterminate forms	**Chalk and talk method and FOSS programming.**
5	*Line integral*: Definition of line integral and basic properties, examples on evaluation of line integrals	**Chalk and talk method.**
6	*Double integral*: Definition of Double integrals and its conversion to iterated integrals.	**Chalk and talk method and FOSS programming.**
7	Evaluation of double integrals by changing the order of integration and change of variables. Computation of plane surfaceareas using double integrals	**Chalk and talk method and FOSS programming.**
8	*Triple integral*: Definition of triple integrals and evaluationchange of variables, volume as triple integral	**Chalk and talk method teaching** **Test-1 is coordinated by IA Committee**
9	**Partial Derivatives Functions of two or more variables – Explicit and implicit functions – The neighbourhood of a point**	**Chalk and talk method and FOSS programming.** **Test-2 is conducted and coordinated by HOD of the department.**
10	The limit of a function – Continuity – Partial derivatives — Homogeneous functions – Euler's theorem	**Chalk and talk method and FOSS programming.**
11	Chain rule – Change of variables – Directional derivative – Partial derivatives of higher order	**Chalk and talk method.**
12	Taylor's theorem for two variables – Derivatives of implicit functions – Jacobians – Some illustrative examples.	**Chalk and talk method and FOSS programming.**
13	Theory of Numbers Division Algorithm - Divisibility – Prime and composite numbers – Euclidean algorithm	**Chalk and talk method and FOSS programming.**
14	fundamental theorem of Arithmetic – The greatest common divisor and least common multiple – congruences	**Chalk and talk method and FOSS programming.**
15	Linear congruences –Simultaneous congruences	**Chalk and talk method**
16	Wilson's, Euler's and Fermat's Theorems and their applications.	**Chalk and talk method.**

Teaching Plan

Week	Content to cover DSC – MATH – 03 : ALGEBRA – II AND DIFFERENTIAL EQUATIONS – I	Mode of teaching
1	**Group Theory I Definition and examples of groups – Some general properties of Groups, Group of permutations**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	– Cyclic permutations – Even and odd permutations. Powers of an element of a group	**Chalk and talk method**
3	Subgroups – Cyclic groups problems and theorems. Cosets, Index of a group,	**Chalk and talk method and FOSS programming.**
4	Lagrange's theorem, consequences.	**Chalk and talk method and FOSS programming.**
5	Normal Subgroups and Homomorphism Normal Subgroups,	**Chalk and talk method.**
6	Quotient groups – Homomorphism.And problems	**Chalk and talk method and FOSS programming.**
7	Kernel of homomorphism – Isomorphism - Automorphism	**Chalk and talk method and FOSS programming.**
8	– Fundamental theorem of homomorphism, consequences	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Differential Equations Recapitulation of Definition, examples of differential equations, formation of differential equations by elimination of arbitrary constants,**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	Differential equations of first order- separation of variables, homogeneous differential equations. Exact differential equations,	**Chalk and talk method and FOSS programming.**
11	reducible to exact, Linear differential equations. The general solution of a linear equation –	**Chalk and talk method.**
12	Integrating factors found by inspection. The determination of integrating factors, Bernoulli's equation.	**Chalk and talk method and FOSS programming.**
13	Ordinary Differential Equations Ordinary Linear differential equations with constant coefficients	**Chalk and talk method and FOSS programming.**
14	Complementary function – particular integral	**Chalk and talk method and FOSS programming.**
15	Inverse differential operators. Cauchy – Euler differential equations	**Chalk and talk method**
16	Simultaneous differential equations (two variables with constant coefficients)	**Chalk and talk method.**

Teaching Plan

Week	Content to cover DSC – MATH – 04 : DIFFERENTIAL EQUATIONS – II AND REAL ANALYSIS - I	Mode of teaching
1	**Linear differential equations Solution of ordinary second order linear differential equations with variable coefficient by various methods such as : (i) Changing the independent variable.**	**Chalk and talk method and Free and Open Source Software (FOSS) programming.**
2	(ii) Changing the dependent variable. (iii) By method of variation of parameters. (iv) Exact equations.	**Chalk and talk method**
3	Total differential equations - Necessary and sufficient condition for the equation Pdx +Qdy + Rdz = 0 to be exact	**Chalk and talk method and FOSS programming.**
4	Simultaneous equations of the form dx/P=Dy/Q=Dz/R .	**Chalk and talk method and FOSS programming.**
5	Partial differential equations Basic concepts – Formation of a partial differential equations by elimination of arbitraryconstants and functions –	**Chalk and talk method.**
6	Solution of partial differential equations – Solution by Direct integration, Lagrange's linear equations of the form Pp + Qq = R , Standard types of first order non-linear partial differential equations –	**Chalk and talk method and FOSS programming.**
7	Charpit's method – Homogenous linear equations with constant coefficient	**Chalk and talk method and FOSS programming.**
8	Rules for finding the complementary function – Rules for finding the particular integral, Method of separation of variables (product method).	**Chalk and talk method teaching Test-1 is coordinated by IA Committee**
9	**Riemann integration and Line Integral The Riemann integral – Upper and lower sums**	**Chalk and talk method and FOSS programming. Test-2 is conducted and coordinated by HOD of the department.**
10	– Criterion for integrability – Properties of Riemann Integrals – Integrability of continuous functions and monotonic functions.	**Chalk and talk method and FOSS programming.**
11	Fundamental theorem of Calculus (Statement only) – Problems, Integration as a limit of sum (problems only) (Revised with Minor Modifications)	**Chalk and talk method.**
12	Definition of a line integral and basic properties – Examples on evaluation of line integrals.	**Chalk and talk method and FOSS programming.**
13	Multiple Integrals Definition of a double integral – Conversion to iterated integrals – Evaluation of double integrals under given limits	**Chalk and talk method and FOSS programming.**
14	Evaluation of double integrals in regions bounded by given curves. Changing the order of integration,	**Chalk and talk method and FOSS programming.**
15	Change of variables from Cartesian to polar – Plane areas, Surface areas. Definition of a triple integral – Evaluation –	**Chalk and talk method**
16	Change of variables (Cylindrical and Spherical) – Volume as a triple integral. (Revised with Minor Modifications	**Chalk and talk method.**

SARADA VILAS COLLEGE , MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR YEAR 2022-23

SEMESTER: I

TITLE: MICROBIAL DIVERSITY AND TECHNOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
OCTOBER	16 HOURS	**Chapter No. 1:** Microbial Diversity-Introduction to microbial diversity; Methods of estimation; Hierarchical organization and positions of microbes in the living world. Whittaker's five-kingdom system and Carl Richard Woese's three-domain system. Distribution of microbes in soil, air, food, and water. Significance of microbial diversity in nature. **Chapter No. 2** History and developments of microbiology-Microbiologists and their contributions (Leeuwenhoek, Louis Pasteur, Robert Koch, Joseph Lister, Dmitri Iwanowski, Sergius Winogradsky and M W Beijerinck and Paul Ehrlich). **Chapter No. 3** Microscopy-Working principle and applications of light, dark field, phase contrast and electron microscopes (SEM and TEM). Microbiological stains (acidic, basic and special) and Principles of staining. Simple, Gram's and differential staining.	Chalk and talk method and Chats, PPTs and video lecture.
NOVEMBER	16 HOURS	**Chapter No. 4.** Culture media for Microbes-Natural and synthetic media, Routine media -basal media, enriched media, selective media, indicator media, transport media, and storage media. **Chapter No. 5**. Sterilization methods -Principle of disinfection, antiseptic, tyndallisation and Pasteurization, Sterilization-Sterilization by dry heat, moist heat, UV light, ionization radiation, filtration. Chemical methods of sterilization-phenolic compounds, anionic and cationic detergents**.** **Chapter No. 6.** Microbial Growth-Microbial growth and measurement. Nutritional types of Microbes-autotrophs and heterotrophs, phototrophs and chemotrophs; lithotrophs and organotrophs	Chalk and talk method
DECEMBER	16 HOURS	**Chapter No. 7** Microbial cultures and preservation-Microbial cultures. Pure culture and axenic cultures, subculturing, Preservation methods-overlaying cultures	Chalk and talk method and Chats, PPTs and video

		with mineral oils, lyophilisation. Microbial culture collections and their importance. A brief account on ITCC, MTCC and ATCC **Chapter No. 8**. Viruses- General structure and classification of Viruses; ICTV system of classification. Structure and multiplication of TMV, SARS-COV-2, and Bacteriophage (T2). Cultivation of viruses. Vaccines and types. **Chapter No. 9.** Viroids- general characteristics and structure of Potato Spindle Tuber Viroid (PSTVd); Prions - general characters and prion diseases. Economic importance of viruses. **Chapter No. 10.** Bacteria- General characteristics and classification. Archaebacteria and Eubacteria. Ultrastructure of Bacteria; Bacterial growth and nutrition.	lecture.
JANUARY	08 HOURS	Reproduction in bacteria- asexual and sexual methods. Study of Rhizobium and its applications. A brief account of Actinomycetes and Cyanobacteria. Mycoplasmas and Phytoplasmas- **Chapter No. 11**. Fungi-General characteristics and classification. Thallus organization and nutrition in fungi. Reproduction in fungi (asexual and sexual). Heterothallism and parasexuality. Type study of Phytophthora,Rhizopus, Neurospora, Puccinia, Penicillium and Trichoderma. **Chapter No. 12**. Lichens – Structure and reproduction. VAM Fungi and their significance. Fungal diseases- Late Blight of Potato, Black stem rust of wheat; Downy Mildew of Bajra, Grain smut of Sorghum, Sandal Spike, Citrus Canker, Root Knot Disease of Mulberry. Economic importance of Fungi.	Chalk and talk method and Chats, PPTs and video lecture.

TOTAL- 56 HOURS

SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2022-23

SEMESTER: II

TITLE: DIVERSITY OF NON- FLOWERING PLANTS

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
MAY	16 HOURS	**Chapter No. 1** Algae –Introduction and historical development in algology. General characteristics and classification of algae, Diversity- habitat, thallus organization, pigments, reserve food, flagella types, life-cycle and alternation of generation in Algae. Distribution of Algae. **Chapter No. 2** Morphology and reproduction and life-cycles of Nostoc, Oedogonium, Chara, Sargassum and Batrachospermum. Diatoms and their importance. Blue-green algae-A general account. Algal blooms and toxins. **Chapter No. 3** Algal cultivation- Cultivation of microalgae-*Spirulina* and *Dunaliella*; Algal cultivation methods in India. Algal products- Food and Nutraceuticals, Feed stocks, food colorants; fertilizers, aquaculture feed; therapeutics and cosmetics; medicines; dietary fibres from algae and uses.	Chalk and talk method and Chats, PPTs and video lecture.
JUNE	16 HOURS	**Chapter No. 4.** Bryophytes – General characteristics and classification of Bryophytes, Diversity-habitat, thallus structure, Gametophytes, and sporophytes. **Chapter No. 5** Distribution, morphology, anatomy, reproduction, and life-cycles of Riccia, Anthoceros, and Funaria Ecological and economic importance of Bryophytes. Fossil Bryophytes. **Chapter No. 6.** Pteridophytes- General characteristics and classification; Structure of sporophytes and life-cycles. Distribution, morphology, anatomy, reproduction and life-cycles in Selaginella, Equisetum, Pteris and Salvinia.	Chalk and talk method

JULY	16 HOURS	**Unit – 3: Chapter No. 7** A brief account of heterospory and seed habit. Stelar evolution in Pteridophytes. Affinities and evolutionary significance of Pteridophytes. Ecological and economic importance. **Chapter No. 8**. Gymnosperms- General characteristics. Distribution and classification of Gymnosperms. Study of the habitat, distribution, habit, anatomy, reproduction and life-cycles in Cycas, Pinus and Gnetum. **Chapter No. 9.** Affinities and evolutionary significance of Gymnosperms. Economic importance of Gymnosperms - food, timber, industrial uses, and medicines. **Chapter No. 10**. Origin and evolution of Plants: Origin and evolution of plants through Geological Time scale.	Chalk and talk method and Chats, PPTs and video lecture.
AUGUST	8 HOURS	**Chapter No. 11.** Paleobotany- Paleobotanical records, plant fossils, Preservation of plant fossils - impressions, compressions, petrification's, moulds and casts, pith casts. Radiocarbon dating. **Chapter No. 12**. Fossil taxa- Rhynia, Lepidodendron, Lepidocarpon, Lyginopteris and Cycadeoidea. Exploration of fossil fuels. Birbal Sahni Institute of Paleosciences.	Chalk and talk method and Chats, PPTs and video lecture.

TOTAL- 56 HOURS

SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2022-23

SEMESTER: III

TITLE: PLANT ANATOMY AND DEVELOPMENTAL BIOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
MAY	16 HOURS	Introduction, objective and scope of Plant Anatomy, Plant cell structure – nature of plant cell wall. Tissue and tissue systems - meristematic tissue - Classification of meristem: (apical, intercalary and lateral), primary and secondary meristem. Apical meristem: Theories on organization of meristem (apical cell theory, Tunica-Corpus theory, Histogen theory and Korper - Kappe theory). Permanent tissues and Secretary cells. Types of vascular bundles and Vascular cambium. Origin, development, arrangement and diversity in size and shape of leaves. Structure of Dicot root: primary structure and secondary growth (Sunflower), Structure of monocot root (Maize). Structure of Dicot stem: Primary structure and secondary growth (Sunflower), Structure of Monocot stem (Maize). Structure of Dicot leaf: Primary structure (Sunflower), primary structure of Monocot leaf (Maize), Stomatal types.	Chalk and talk method and Chats, PPTs and video lecture.
JUNE	16 HOURS	Anomalous secondary growth: Boerhaavia (dicot stem) Dracaena (monocot stem) Applications in Systematics, Forensics and Pharmacognosy. Morphogenesis in plants - Differentiation and cell polarity in acellular (Dictyostelium), Unicellular (Acetabularia) and multicellular system (root hair and stomata formation) Organogenesis: Differentiation of root, stem, leaf and axillary bud. Mechanism of leaf primordium initiation, development and Phyllotaxis (Diversity in size and shape of leaves) Root cap, quiescent centre and origin of lateral roots. Transition from vegetative apex into reproductive apex	Chalk and talk method

JULY	16 HOURS	REPRODUCTIVE BIOLOGY Introduction, Scope and contributions of Indian embryologists: P. Maheswari, B G L Swamy, B.M Johri, M.S. Swaminathan and K.C. Mehta. Microsporangium: Development and structure of mature anther, Anther wall layers, Tapetum -types, structure and functions and sporogenous tissue. Microsporogenesis- Microspore mother cells, microspore tetrads, Pollinia. Microgametogenesis– Formation of vegetative and generative cells, structure of male gametophyte. Pollen embryosac (Nemec phenomenon). Megasporangium – Structure of typical Angiosperm ovule. Types of ovule: (Anatropous, Orthotropous, Amphitropous, Hemianatropous, Campylotropous, Circinotropous). Megagametogenesis– Types and development of Female gametophyte/embryosac- monosporic- Polygonum type, bisporic – Allium type, tetrasporic - Fritillaria type. Structure of mature embryosac. Pollination and Fertilization: Structural and functional aspects of pollen, stigma and style.	Chalk and talk method and Chats, PPTs and video lecture.
AUGUST	8 HOURS	Post pollination events; Current aspects of fertilization and Significance of double fertilization, Post fertilization changes. Endosperm – Types and its biological importance. Free nuclear (Cocos nucifera) cellular (Cucumis), helobial types. Ruminate endosperm. Embryogenesis – Structure and development of Dicot (Capsella bursa- pastoris) and Monocot (Najas), embryo. Polyembryony, Apomixis andParthenocarpy.	Chalk and talk method and Chats, PPTs and video lecture.

TOTAL- 56 HOURS

SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2022-23

SEMESTER: IV

TITLE: ECOLOGY AND CONSERVATION BIOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
MAY	16 HOURS	ECOLOGY AND CONSERVTION BIOLOGY Introduction to Ecology and Conservation Biology: Definitions, Principles of Ecology, Brief History, Major Indian Contributions, Scope and importance. Ecological levels of organization. Ecological factors: Climatic factors: light, temperature, precipitation and humidity. Edaphic factors: Soil and its types, soil texture, soil profile, soil formation; soil pH, soil aeration, soil water, soil humus and soil microorganisms. Topographic Factors: Altitude and Slope.Biotic factors: A brief account Ecological groups of plants and their adaptations: Morphological and anatomical adaptations of hydrophytes, xerophytes, epiphytes and halophytes.	Chalk and talk method and Chats, PPTs and video lecture.
JUNE	16 HOURS	Ecosystem Ecology: Introduction, types of ecosystems with examples -terrestrial and aquatic, natural and artificial. Structure of ecosystem: Biotic and Abiotic components, detailed structure of a pond ecosystem. Ecosystem functions and processes: Food chain, Food web and Ecological pyramids, energy flow in an ecosystem. Bio-geo chemical cycles: Gaseous cycles - carbon and nitrogen, Sedimentary cyclePhosphorus. Ecological succession: Definition, types- primary and secondary. General stages of succession. Hydrosere and xerosere. Community Ecology: Community and its characteristics – frequency, density, Abundance, cover and basal area, phenology, stratifications, life-forms. Concept of Ecotone and Ecotypes. Intra-specific and Inter-specific interactions with examples. Ecological methods and techniques: Methods of sampling plant communities – transects and quadrates. Remote sensing as a tool for vegetation analysis, land use – land cover	Chalk and talk method

		mapping. Population Ecology: Population and its characteristics – Population density, natality, mortality, age distribution, population growth curves and dispersal.	
JULY	16 HOURS	Theory of land bridge, theory of continental drift, polar oscillations and glaciations. Centre of origin of plant – Vavilov's concept, types. Phytogeographical regions – concept, phytogeographical regions of India. Vegetation types of Karnataka – Composition and distribution of evergreen, semi-evergreen, deciduous, scrub, mangroves, shola forests and grasslands. An account of the vegetation of the Western Ghats. Pollution: Water pollution: Causes, effect, types; water quality indicators, water quality standards in India, control of water pollution (Waste water treatment). Water pollution disasters – National mission on clean Ganga, Minimata, Pacific gyre garbage patch, Exxon valdez oil spill. Air pollution: Causes, effect, air quality standards, acid rain, control. Soil pollution: Causes, effect, solid waste management, control measures of soil pollution. BIODIVERSITY AND ITS CONSERVATION Biodiversity: Definition, types of biodiversity - habitat diversity, species diversity and genetic diversity, Global and Indian species diversity. SDG's in biodiversity conservation. Values of Biodiversity – Economic and aesthetic value, Medicinal and timber yielding plants. NTFP. Threats to biodiversity. Concept of Biodiversity Hotspots, Biodiversity hot spots of India.	Chalk and talk method and Chats, PPTs and video lecture.
AUGUST	8 HOURS	Concept of endemism and endemic species. ICUN plant categories with special reference to Karnataka/ Western Ghats. Biodiversity Conservation- Indian forest conservation act, Biodiversity bill (2002). Conservation methods – In-situ and ex-situ methods In-situ methods –Biosphere reserves, National parks, Sanctuaries, Sacred grooves. Ex-situ methods-Botanical gardens, Seed bank, Gene banks, Pollen banks, Culture collections, Cryopreservation.	Chalk and talk method and Chats, PPTs and video lecture.

TOTAL- 56 HOURS

SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2022-23

SEMESTER: V

TITLE: DSEB- 1.1 TAXONOMY OF FLOWERING PLANTS

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
JUNE	16 HOURS	Unit-1: Principles of Taxonomy: A brief account of classical and modern Taxonomy; Systems of classification; Broad outline of Engler and Prantl's, Hutchinson's and Cronquist System of classifications with merits and demerits. A brief account of APG system of classification; Plant Nomenclature-Binomial system, ICBN /ICN – Principles, rules, Typification, Ranks, categories and taxonomic hierarchy; author citation, valid publication, rejection of names, principle of priority and its limitations.	Chalk and talk method and Chats, PPTs and video lecture.
JULY	16 HOURS	Unit-2: Important Botanical gardens of India and World; Botanical Survey of India-Aims and objectives; Taxonomy in relation to palynology, cytology, embryology, phytochemistry, anatomy; Numerical taxonomy; Field and herbarium;Techniques - important herbaria; Hortus Malabaricus.	Chalk and talk method
AUGUST	16 HOURS	Unit-3: Study of general characters, morphological peculiarities, systematic position (Bentham and Hooker) and economic importance of the following plant families - Annonaceae, Magnoliaceae, Nymphaeceae Brassicaceae, Rutaceae, Meliaceae, Rosaceae, Myrtaceae, Cucurbitaceae, Apiaceae, Rubiaceae, Apocynaceae, Solanaceae Convolvulaceae, Bignoniaceae.	Chalk and talk method and Chats, PPTs and video lecture.
SEPTEMBER	16 HOURS	Unit-4: Study of general characters, morphological peculiarities, systematic position and economic importance of the following plant families - Acanthaceae,	Chalk and talk method and Chats, PPTs and video lecture.

		Verbenaceae,Scropulariaceae, Lamiaceae, Amaranthaceae, Cuscutaceae, Nyctaginaceae, Euphorbiaceae, Moraceae, Orchidaceae, Musaceae, Cannaceae, Zingiberaceae and Arecaceae.	

TOTAL 64 HOURS

SARADA VILAS COLLEGE, MYSURU
DEPARTMENT OF BOTANY
TEACHING PLAN FOR THE YEAR 2022-23

SEMESTER: VI

TITLE: - DSEB- 1.4 ECONOMIC BOTANY AND MEDICINAL PLANTS

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
DECEMBER	16 HOURS	Unit-1: Economic Botany: Introduction, origin, distribution, cultivation, botanical name,family, part used and uses of the following group of plants; cereals and millets-rice, wheat, maize, barley, sorghum, finger millet, pearl millet, foxtail millet, kodo millet; Pulses- Pigeonpea, Bengal gram, Green gram, Black gram, Soya bean, Pea; Spices- Pepper, Cardamom, Clove,Nutmeg, Chilly, Cinnamon, Cumin, Turmeric, Ginger, Coriander, Saffron.	Chalk and talk method and Chats, PPTs and video lecture.
JANUARY	16 HOURS	Unit-2: Economic Botany- Fibres- Classification, extraction and processing of fibres. Cotton,Jute, Linen, Coir, Agave; Wood- Features and properties of wood. Principal wood trees of India-Rosewood, Teak, Sal, Honne, Acacia. Wood conversion products- Veneer, Plywood, Laminboard and Paper; Beverages- Coffee, Tea-Types of tea, processing of tea leaves, Cocoa-processing; Fumitories and masticatories- Tobacco-curing of tobacco leaf. Betel nut, betel leaf; Narcotics – harvesting, chemical constitution; Opium, Cannabis-Bhang, Ganja and Hashish.	Chalk and talk method
FEBRUARY	16 HOURS	Unit -3: Economic Botany- Oils and fats-Classification, extraction methods; Ground nut, Coconut, Safflower, Sunflower, Mustard and Olive oil, Hydrogenation of oil, VanaspatiEssential oils-Extraction methods; Important essential oil yielding plants - Eucalyptus, Jasmine, Geranium, Lavender, Lemongrass, Mint, Sandalwood, Patchouli and Rose; Rubber –processing of rubber; Havea- gums and resins; Gum Arabic, Copals, turpentine, Asafoetida; Sugars- Sugarcane, preparation of sugar; Stevia and beet sugar.	Chalk and talk method and Chats, PPTs and video lecture.
MARCH	16 HOURS	Uni-4: Medicinal plants: Brief history, scope and importance of medicinal plants. Pharmacognosy and Pharmacology; Classification of drugs based on the source; Indigenous	Chalk and talk method and Chats, PPTs and video lecture.

		Medicinal Sciences- Definition and Scope-Ayurveda, Siddha and Unani, Common medicinal plants, parts used and their uses- *Rauwolfia serpentina, Aconitum heterophyllum, Hemidesmus indicus, Cinchona officinalis, Atropa belladona, Digitalis purpurea, Strychnos nux-vomica,Melia azadirachta(Azadirachta indica), Terminalia chebula, T. bellirica, T. arjuna, Withaniasomnifera, Curcuma longa, Zingiber officinale, Cinnamomum zeylanicum, Saraca asoca, Aloe vera, Tylophora asthamatica, Emblica officinalis, Piper longum, P. nigrum, Catharanthus roseus,Tinospora cardifolia. Vetiveria zizanioides.*	

TOTAL 64 HOURS

Sarada Vilas College
Department of Commerce and Business Administration
Teaching plan –4th Sem B.com
2021 – 2022
Income Tax-II

Week	Unit	Topics to be Covered	Mode of Teaching
Week 1	UNIT I – Depreciation	UNIT-I- (a)Depreciation- meaning, computation of Deprecation; (b)CapitalGain Capital Asset.	**Chalk and talk**
Week 2		Transfer, cost of acquisition, cost of improvement, indexation.	**Chalk and talk**
Week 3		Types of Capital gain-exemptions for individual assessee u/s 54-54GB-problmes.	**Chalk and talk**

Week 5	UNIT II- Income from other sources	UNIT-II- Income from other sources (including problems), Set off and carryforward of losses (theory only)	**Chalk and talk**
Week 6		Set off and carry forward of losses (theory only)	**Chalk and talk**
Week 10	UNIT III Assessment of Individual	UNIT-III-Assessment of Individual-Application of Deductions u/s 80C-80U,Section 87A	**Chalk and talk**
Week 11		computation of Tax liability.(Available software package for computation oftax liability, computation using Excel-Work sheet)	**Chalk and talk**
Week 13	UNIT-IV Assessment of partnership firm	UNIT-IV-Assessment of Partnership firm- Definition of Firm, Partner U/S2(23)	**Chalk and talk**
Week 14		Residential Status -conditions u/s 184, Provisions u/s 40(b)-Deductions from80G80JJA- Alternate Minimum Tax(AMT).	**Chalk and talk**
Week 15	UNIT-V- Assessment of company	Computation of tax liability of Firms (Use of available software package for computation of tax liability, Related Forms and Challans-Computation usingexcel work-sheet))	**Chalk and talk**
Week 16		UNIT-V-Assessment of company-Definition of Company, Closely-heldcompany.	**Chalk and talk**

Week	Unit	Topics to be Covered	Mode of Teaching
Week 1	UNIT-I- Accounting for General insurance companies	Accounting for General insurance companies, fire and marine insurance	**Chalk and talk**
Week 2		preparation of final accounts as per latest regulations	**Chalk and talk**
Week 3		Computation of tax liability of Firms (Use of available software package for computation of tax liability, Related Forms and Challans-Computation using excel work-sheet))	**Chalk and talk**

Faculty **Dean** **Principal**

Sarada Vilas College
Department of Commerce and Business Administration
Teaching plan –4th Sem B.com
2021 – 2022
Corporate Accounting -II

Week 5	UNIT II- Accounting for life insurance	Accounting for life insurance, preparation of valuation balance sheet, preparation of final accounts as per latest regulations.	**Chalk and talk**
Week 6		Accounting for life insurance, preparation of valuation balance sheet, preparation of final accounts as per latest regulations.	**Chalk and talk**
Week 10	UNIT III Social responsibily accounting	Social responsibily accounting- concept-Definitions-features-need- Social Income Statement	**Chalk and talk**
Week 11		Social responsibily accounting	**Chalk and talk**
Week 13	UNIT IV Holding company accounts	Holding company accounts, Accounting for Holding Company	**Chalk and talk**
Week 14		Preparation of Consolidated Balance Sheet, Minority interest, Computation of Goodwill/ Capital Reserve, Revaluation of assets of subsidiary Company.	**Chalk and talk**
Week 15	UNIT-V- Human resource accounting	Human resource accounting: Accounting Aspects of Human Capital – Meaning, Basic Premises, Need and Significance of HRA, Advantages and Limitation of HRA	**Chalk and talk**
Week 16		Monetary and Non-Monetary Models; Cost Based ModelsAcquisition Cost Method, Replacement Cost Model, Opportunity Cost Method, standard cost method, Current Purchasing Power Method (C.P.P.M.).	**Chalk and talk**

Week	Unit	Topics to be Covered	Mode of Teaching
Week 1	UNIT I- Indices and Logarithms	Indices and Logarithms-Meaning-Basic laws of Indices and their application for simplification, laws of logarithms-common logarithms, application of log table for simplification.	**Chalk and talk**

Sarada Vilas College
Department of Commerce and Business Administration
Teaching plan –4th Sem B.com
2021 – 2022
Quantitative Techmiques

Week 2		Indices and Logarithms-Meaning-Basic laws of Indices and their application for simplification, laws of logarithms-common logarithms, application of log table for simplification.	**Chalk and talk**
Week 3		Indices and Logarithms-Meaning-Basic laws of Indices and their application for simplification, laws of logarithms-common logarithms, application of log table for simplification.	**Chalk and talk**
Week 5	UNIT II-Progression	Progression-Meaning of sequence, progression; types of progressions; arithmetic progression and geometric progression-general terms and sum of 'n' term of Arithmetic progression and Geometric Progression-Application problems on Arithmetic progression and geometric progression	**Chalk and talk**
Week 6		Progression-Meaning of sequence, progression; types of progressions; arithmetic progression and geometric progression-general terms and sum of 'n' term of Arithmetic progression and Geometric Progression-Application problems on Arithmetic progression and geometric progression	**Chalk and talk**
Week 10	UNIT III Ratio, proportion, variation, and percentages and their application to business	Ratio, proportion, variation, and percentages and their application to business	**Chalk and talk**
Week 11		Ratio, proportion, variation, and percentages and their application to business	**Chalk and talk**
Week 13	UNIT IV – Matrices and determinants	Matrices and determinants, meaning and types of matrices, matrix operation -addition, subtraction and multiplication . Determinants of a matrix and its evaluation; solutions of linear equations by using cramer's rule.	**Chalk and talk**
Week 14		Matrices and determinants, meaning and types of matrices, matrix operation -addition, subtraction and multiplication . Determinants of a matrix and its evaluation; solutions of linear equations by using cramer's rule.	**Chalk and talk**

Week 15	UNIT-V-Probability	Probability: Meaning, Utility of Probability to business, key terms used in probability	**Chalk and talk**
Week 16		experiments-deterministic and random, sample space, types of events. About common illustrations used in solving problems on probability	**Chalk and talk**
Week	Unit	Topics to be Covered	Mode of Teaching

Faculty **Dean** **Principal**

Sarada Vilas College
Department of Commerce and Business Administration
Teaching plan –4th Sem B.com
2021 – 2022
Company Law & Secretarial practice

Week 1	UNIT I - Companies Act	Companies Act- Introduction- companies Act 2013- features of companies Act -2013, Types of companies- Public companies, Pvt company, statutory corporation, One person company, Dormant company, Associate company, Small company, Limited Liability Partnership	**Chalk and talk**
Week 2		Application of Company Law to banking/insurance sector- Registrar of companies- functions, Ministry of Corporate affairs-functions; SEBI-functions of SEBI.	**Chalk and talk**
Week 3		Definition, Who can be company secretary, Appointment, General Legal position, Duties of a Company Secretary	**Chalk and talk**
Week 5	UNIT II- Company Secretary	Rights of Company Secretary, Liabilities of Company Secretary, Qualification For Appointment as secretary	**Chalk and talk**
Week 6		Dismissal of the Secretary, Secretary in the Whole time practice, Secretarial Compliance certificate, Specimen form	**Chalk and talk**
Week 10	UNIT III Company Formation And Conversion	Company Formation And Conversion Choice of the form of the business entity, Conversion/reconversion of one form of business entity into another, Procedure for incorporation of private/public companies, Companies limited by guarantee	**Chalk and talk**
Week 11		Company Formation And Conversion Choice of the form of the business entity, Conversion/reconversion of one form of business entity into another, Procedure for incorporation of private/public companies, Companies limited by guarantee	**Chalk and talk**
Week 13	UNIT IV – Procedure for alteration	unlimited companies and their conversion/re-conversion registration., Obtaining certificate of commencement of business, Obtaining certificate of re-registration, Commencement of new business and certification,	**Chalk and talk**

Week 14		Procedure for alteration of various clauses of memorandum, Procedures for alteration of articles, Effect of alteration, specimen forms: Procedure for issue of Shares	**Chalk and talk**
Week 15	UNIT-V-Meetings	Public Issue, Rights Issue and Bonus Shares, Issue of Shares at Par/Premium/Discount; Issue of Shares on Preferential /Private Placement Basis – Allotment, Calls on Shares and Issue of Certificates – Issue of Sweat Equity Shares, Employees Stock Option Scheme (ESOPs), Employees Stock Purchase Scheme (ESPS), Shares with Differential Voting Rights	**Chalk and talk**
Week 16		Public Issue, Rights Issue and Bonus Shares, Issue of Shares at Par/Premium/Discount; Issue of Shares on Preferential /Private Placement Basis – Allotment, Calls on Shares and Issue of Certificates – Issue of Sweat Equity Shares, Employees Stock Option Scheme (ESOPs), Employees Stock Purchase Scheme (ESPS), Shares with Differential Voting Rights	**Chalk and talk**

Faculty **Dean** **Principal**

Teaching Plan for the year 2022-23

First semester
Title: Chemical foundations of biochemistry-1
Teacher 1: Likith Clement

MONTHS	HOURS	PORTIONS TO BE COVERED
October	1 hours	Introduction
November	4 hours	Origin of life, types of organisms, prokaryotes, eukaryotes, unicellular, multicellular, compartmentation of functions in lower and higher organisms, common physiological events of organisms, chemical composition of living organisms,
December	4 hours	subcellular organelles. SI units, mass, volume, temperature, amount, length and time, An overview on the metric system, atomic weight, molecular weight, equivalent weight, basicity of acids, acidity of bases, Avogadro`s number,
January	4 hours	molarity, normality, molality, Dalton concept, mole concept, concentration, mole to molar conversion, oxidation number and its significance, Structure of an atom, electrons and Quantum numbers, orbitals, shapes of orbitals, s, p, d, and f subshells, K, L, M, N, O, P, and Q shells. Illustration of Pauli`s exclusion principle, Aufbau principle, and Hund`s rule,
February	1 hour	density and specific gravity, their significances, electron configuration, octet rule. Formation and properties of noncovalent and covalent bonds, hydrogen bonds, ionic bonds, van der Waals interactions, London forces, dipole-dipole interactions, electrostatic interactions, and hydrophobic interactions. Sigma, pi and co-ordinate bonds, back bonding.
Total	**14 hours**	

Third semester
Title: Bio-organic Chemistry

MONTHS	HOURS	PORTIONS TO BE COVERED
October	1 hour	Introduction
November	4 hours	SN1 and SN2 reactions on tetrahedral carbon, energy profile diagrams, Stereochemistry, factors affecting SN1 and SN2 reactions by taking tetrahedral carbon.
December	4 hours	The Elimination reactions- E1 and E2 reaction, Zaitsev rule. Stereochemistry of E1 & E2 reactions, E2 & E1 elimination in cyclic compounds.
January	4 hours	Addition reactions - Aldehydes and Ketones - nucleophilic addition of acetals & ketals. Addition of Ammonia, primary amines, and other ammonia derivatives. Conjugate addition. Conjugation addition in alpha and beta unsaturated aldehydes and ketones 1, 2 and 1,4 addition.
February	1 hour	Carbonyl compounds: General properties, Keto-enol tautomerism.

		Mechanisms: addition of HCN to acetaldehyde, Claisen and aldol condensations. Quinones: o and p-benzoquinonesstructure and properties.
Total	**14 hours**	

Fifth Semester
Title: Nutrition

MONTHS	HOURS	PORTIONS TO BE COVERED
October	2 hours	**AntinutritionalFactors:** Sources and harmful effects of anti vitamins (example:- avidin, dicoumarol), natural toxicants (example:- Lathyrus sativus) and adultrants (Butter yellow, lead chromate & malachite green)
November	8 hours	**Carbohydrates:** Dietary sources of carbohydrates, dietary fibers (types, beneficial & adverse effects) and protein sparing action. Glycemic index, importance with examples, lactose intolerance
December	8 hours	**Proteins:** Dietary sources of proteins, nutritional classification, nutritive value of proteins-PER and biological value (BV). Essential amino acids. Nitrogen balance, mutual Supplementation of proteins. Malnutrition-kwashiorkar and marasmus.
January	8 hours	**Balanceddiet:** Composition of balanced diet for infants, children, pregnancy and lactating women, old age.
February	2 hours	Nutraceuticals: 2hrs Introduction, functional foods and pre and pro-biotics in health and disease prevention.
Total	**28 hours**	

First semester
Title: Chemical foundations of biochemistry-1
Teacher:2 Raghuhar M

MONTHS	HOURS	PORTIONS TO BE COVERED
October	2 hours	Acids, bases, Arrhenius concept, proton transfer theory, Lewis concept, Lowry and Bronsted concepts.
November	4 hours	Buffers, composition, pH, pH scale, Henderson Hasselbalch equation, titration curve of H3PO4, pK value, isoelectric pH, ionization of HCl, HNO3, H2SO4.
December	4 hours	Colligative properties and anomalous colligative properties of solutions,

		structure of water, phase diagram of pure water, ionic product of water, special properties of water,
January	4 hours	buffers in animal system. Solutions and types, ionizable solutes, non-ionizable solutes, vapor pressure and its application in distillation, Vant Hoff law, Roult`s law, boiling point, freezing point, de-icing,
February	2 hours	osmosis and osmotic pressure determination, reverse osmosis, surface tension.
Total	**16 hours**	

Third semester
Title: Bio-organic Chemistry

MONTHS	HOURS	PORTIONS TO BE COVERED
October	4 hours	**Reaction mechanisms and aliphatic hydrocarbons:** Introduction, meaning of the term and differences- kinetic and non-kinetic. Fundamental aspects: Homo and heterolytic cleavage. Concept of inductive effect, mesomeric effect, resonance, and hyper conjugation. Classification of organic reactions (substitution, addition, elimination, and re- arrangement), with two examples for each.
November	6 hours	Concepts Reactive intermediates of the following – free radicals, carbo cations and carbanions, carbenes, nucleophiles and electrophiles(Formation and Stability). Hydrocarbons - Markownikoff's rule, Mechanism of addition of HCl to propene. Peroxide effect, Alkenes – Ozonolysis, oxidation.
December	8 hours	Alkynes – formation of acetylides and their importance. Amines: Classification, properties and distinguishing reactions. Basicity of amines. Reaction with HNO2 & Schiff's base formation and acylation reaction. Dienes– types with examples. Conjugate dienes, 1,3-butadiene – stability, mechanism of additionof HBr. Alcohols: Classification, monohydric alcohols: examples, general and distinguishing reactions.
January	8 hours	Dihydric alcohols: glycols, Trihydric alcohols: glycerol – synthesis from propene, properties and uses. Phenols: Classification, electronic interpretation of acidity of phenols, mechanism of Kolbe, Reimer–Tiemann and bromination reactions. Hydroxy acids: Structure and properties: Lactic acid, Citric acid and Isocitric acid. Dicarboxylic acids: Maleic and Fumaric acid. Ketoacids: Pyruvic, α-Ketoglutaric, Oxaloacetic acid.
February	2 hours	Heterocyclic compounds: Definition, classification with examples, structure and biological importance of furan, pyrrole, thiophene, pyridine, pyran, thiazole, pyrimidine, purine, indole, imidazole, quinoline and isoquinoline. Aromaticity and basicity of pyrrole and pyridine Terpenes: Definition, Isoprene rule, classification, isolation (camphor) structure and biological importance of menthol, camphor, farnesol, phytol, lanosterol, lycopene and dolichols. Steroids: Basic ring structure in steroids. Structure and biological importance of cholesterol, phytosterols, ergosterol, cortisol, β-estradiol, testosterone, and aldosterone. Bile acids (Mono, Di & Tri cholic acids). Alkaloids:

		Definition, classification based on their structure and biological functions, Isolation of alkaloids, structure and physiological action of morphine, nicotine and atropine.
Total	**28 hours**	

Fifth semester
Title: Nutrition

MONTHS	HOURS	PORTIONS TO BE COVERED
October	4 hours	**Introduction:** Concept of nutrition, calorific value of foods and its determination (Bomb calorimeter), different components of energy expenditure, measurement of energy expenditure by direct and indirect calorimetric method. .
November	4 hours	Energy expenditure at rest and work, respiratory quotient, basal metabolic rate (BMR), determination of BMR by indirect calorimetric method, factors affecting BMR. Specific dynamic action of foods
December	4 hours	**Digestion and absorption:** GIT: secretion, composition and functions of saliva, gastric, bile, pancreatic and intestinal juices.
January	4 hours	Gastro intestinal hormones and its effects. Appetite, digestion, absorption and transport of carbohydrates, proteins and fats.
Total	**16 hours**	

First semester
Title: Chemical foundations of biochemistry-1
Teacher 3: Suman Narayan

MONTHS	HOURS	PORTIONS TO BE COVERED
October	3 hours	Scope of electrochemistry, electrochemical cells, Daniel cell, galvanic cell, electrode potential and its measurement, electrolysis, types of electrolytes, primary and secondary batteries, electrodes, half-cell reaction, standard electrodes.
November	3 hours	Laws of thermodynamics, entropy and enthalpy, their relation, Gibb`s energy, free energy change, Lewis concept, ions, redox reactions, redox potential,
December	3 hours	application of redox potential, energy linked to redox reactions, reduction of oxygen, oxidation and reduction of iron in hemoglobin,
January	3 hours	biological active forms of zinc, calcium, nickel, molybdenum, selenium, and cobalt, NAD+/NADH,.
February	2 hours	NADP+/NADPH, FAD/FADH2, FMN/FMNH2. Molecularity and order of a reaction
Total	**14 hours**	

Third semester
Title: Bio-organic Chemistry

MONTHS	HOURS	PORTIONS TO BE COVERED
October	2 hours	Aromatic compounds - aromaticity, criteria for aromaticity, anti-aromatic, and non-aromatic compounds with examples.
November	4 hours	Mechanism of electrophilic aromatic substitution reactions,Halogenation, nitration, sulfonation, Friedel crafts alkylation. Friedel crafts acylation, mechanism involved. Relative reactivity of substituted benzenes, polycyclic benzenoid hydrocarbons.
December	4 hours	Role of coenzymes in metabolism: Overall view of metabolism, the reaction of the co-enzyme - thiamine pyrophosphate- structure and its role in decarboxylation ofalpha- keto acids.
January	2 hours	Biotin- structure and its role in carboxylation of some important biochemical reactions of carbohydrate and lipid metabolism.
February	2 hours	Vit B12 and its role in rearrangement reactions. Vit B2 coenzymes its role in redox reactions with suitable examples.
Total	**14 hours**	

Fifth Semester

Title: Nutrition

MONTHS	HOURS	PORTIONS TO BE COVERED
October	4 hours	**Vitamins:** Dietary sources, requirements, deficiency symptoms and biological role of water soluble vitamins-thiamine, riboflavin, niacin, pantothenic acid, pyridoxine, biotin, folic acid, vitamin-B_{12} and vitamin-C.
November	8 hours	Fat soluble vitamins-A, D, E and K, hypo and hypervitaminosis **Minerals:** Dietary sources, physiological functions, deficiency disorders, absorption and excretion.
December	8 hours	Macronutrients-Ca, P, Na, Cl, Mg and K and **Proteins:** Dietary sources of proteins, nutritional classification nutritive value of proteins-PER and biological value (BV).
January	8 hours	**Water Metabolism:** Absorption, requirement, distribution of water in body fluid compartments. Factors influencing water metabolism, functions of water, deficiency and water intoxication in human body.
February	8 hours	**Fats:** Dietary sources of fats, visible and invisible fat, trans fats, omega fatty acids and their biological importance, role of DHA and EPA. Effects of fried foods.
Total	**36 hours**	

Second Semester.
Title: Chemical Foundations of Biochemistry-2
Teacher 1: Likith Clement

MONTHS	HOURS	PORTIONS TO BE COVERED
May	4 hours	Definition, characteristics, types, intermolecular, multifunctional, theories of catalysis, properties, characteristics of enzyme catalysis, autocatalysis, industrial catalysis and their role in biological systems (brief).
June	8 hours	Colloids: true solutions, classification, peptisation, purification, ultrafiltration, Brownian movements, electric properties, coagulation, mutual, lyophilic sols, boiling,
July	4 hours	dialysis, electro and persistent dialysis, addition of electrolytes, colloids in daily life and applications. Emulsion, types, micelles with biomolecules and its biological applications,
August	4 hours	Metal atom linked organic compounds. Preparation of Grignard reagents and structure, limitations, protonolysis and reactions. Organolithium compounds, preparation and reactions. Organozinc compounds. Organoboranes its mechanisms. Ferrocenes.
September	8 hours	Introduction to mineral and ores, classification, concentration, extraction, refining, uses of minerals and metals and its importance. Porphyrins and Metal ions: Role of metal ions in biological systems, Fe, Cu, Zn, structureand functions of porphyrins, metalloporphyrins and iron-sulphur clusters with suitableexamples and their role in biological systems.
Total	**28 hours**	

Fourth Semester
Title: Biochemical Techniques

MONTHS	HOURS	PORTIONS TO BE COVERED
May	1 hour	Introduction
June	4 hour	classification of chromatographic techniques. Principle, materials, theory and applications of paper chromatography, thin layer chromatography,
July	4 hour	column chromatography- adsorption chromatography, gel permeation,
August	4 hour	ion exchange chromatography, affinity chromatography,
September	1 hour	gas chromatography, FPLC, high performance (pressure) liquid chromatography
Total	**14 hours**	

Sixth Semester
Title: Molecular Biology and Immunology

MONTHS	HOURS	PORTIONS TO BE COVERED
May	2 hours	**Introduction:** Nucleic acids as genetic information carriers, experimental evidences ex: bacterial genetic transformation, Hershey-Chase experiment. Central dogma of molecular biology and its modification.
June	6 hours	**Geneticcode:** General features, wobble hypothesis. **ProkaryoticProteinbiosynthesis:** Activation of Amino acids, amino acyl tRNA synthesis. Initiation, elongation and termination of protein synthesis. Inhibitors of protein synthesis. Post translational modifications. **Mutations:** Concept of mutation and mutagens – effect of HNO_2, alkylating agents, intercalating agents and UV-radiation. Point mutations: Concept of missense, nonsense and frameshift mutations.
July	4 hours	**Repair of DNA:** DNA damage and its repair. Types of damages, repair by direct reversal of damage, excision repair, SOS repair. **Concept of gene:** Gene expression in prokaryotes - concept of Lac operon and trp operon. Functional units in a typical eukaryotic gene-promoter, introns and exons.
August	2 hours	**Antigens:** Definition, types, chemical nature and antigenicity. Epitopes, paratopes, haptens and adjuvants.
September	2 hours	**Antibodies:** Definition, types and structure of a typical immunoglobulin (IgG – Light chain, heavy chain, hyper variable region, constant domains, Fab and Fc).
Total	**16 hours**	

Second Semester
Title: Chemical Foundations of Biochemistry-2
Teacher 2: Raghuhar. M

MONTHS	HOURS	PORTIONS TO BE COVERED
May	1 hours	Nomenclature of Organic Compounds: Classification
June	4 hours	Naming- IUPAC nomenclature, compounds containing one, two functional groups with chains, homologous series. Stereochemistry, geometrical and structural Isomerism, conformation and free rotation.

July	4 hours	Optical isomerism, symmetry of elements, plane polarized light and optical purity. Nomenclature of enantiomers, epimers, racemic mixture, resolution
August	4 hours	Fischer and Newman projection formulae, molecule with one and two chiral and achiral centers. Priority rules; E and Z (CIP rules), R and S, D and L notations, absolute (r and s) and relative (d and l) configuration
September	1 hours	Role of stereochemistry in biological systems
Total	**14 hours**	

Fourth Semester
Title: Biochemical Techniques

MONTHS	HOURS	PORTIONS TO BE COVERED
May	8 hours	**Electrophoresis**: General principle of electrophoresis, velocity of a charged molecule in the applied electric field, relevance of Ohm's law in electrophoretic separations. Supporting media for electrophoresis; work of Tiselius, paper, agarose, polyacrylamide Chemistry of polymerization of acrylamide gels, methodology and applications of native PAGE and SDSPAGE, 2-D electrophoresis, Identification of proteins post electrophoresis- dyes and biological activities
June	8 hours	Agarose gel and Pulse field electrophoresis, Applications of capillary electrophoresis and isoelectric focusing. Cellulose acetate electrophoresis. Principle and applications of immuneelectrophoresis. **Radioisotopic methods:** Radioactivity–Types of radioactive decay, Properties of α, β, γ radiations. Group displacement law. Decay law - decay constant, Half-life period and average life of a radioactive element.
July	4 hours	Detection of radioactivity – GM counter and scintillation counters (only principal and working) Applications of radioisotopes – 3H, 14C, 131I, 60Co and 32P. Biological effects of radiations. Radiolabeling, safety measure in handling radio isotopes
August	4 hours	**Spectroscopic methods**: Wave particle duality of light, electromagnetic spectrum, transition in spectroscopy. Principle, design and application of UV-Vis spectrophotometer. Beer's law and its limitations,
September	4 hours	determination of molar absorption coefficient of molecules. Working principle and application of a colorimeter, flame photometer and fluorimeter. Principle and application of IR, and Raman, ESR and NMR spectroscopy.
Total	**28 hours**	

Sixth Semester
Title: Molecular Biology and Immunology

MONTHS	HOURS	PORTIONS TO BE COVERED
May	1 hours	Introduction
June	4 hours	**Prokaryotic Protein biosynthesis**: Activation of Amino acids, amino acyl tRNA synthesis. Initiation, elongation and termination of protein synthesis. Inhibitors of protein synthesis. Post translational modifications.
July	4 hours	**Outline of techniques of genetic engineering**: Historical development, aim and scope of genetic engineering. Cutting of DNA by restriction endonucleases –Types, staggered cut and blunt end. Vectors- plasmid (pBR 322), bacteriophage.
August	4 hours	viruses, cosmids, phagemid and plant vectors. Insertion of foreign DNA into vectors. Transfection of vectors into host cells. cDNA. Principle of polymerase chain reaction and applications
September	3 hours	Principle and applications of Southern, northern and western blotting. Dot blot. DNA finger printing. **Applications of Genetic engineering**: (1) Transgenic plants, transgenic animals and gene therapy. (2) Human genome project.
Total	**16 hours**	

Second Semester
Title: Chemical Foundations of Biochemistry-2
Teacher 3: Suman Narayan

MONTHS	HOURS	PORTIONS TO BE COVERED
May	2 hours	Nomenclature of inorganic molecules and coordination compounds, formula. IUPAC nomenclature. Central metal ion, ligand,
June	4 hours	coordination number, sphere, complex ion, oxidation number of central atom, homoleptic and heteroleptic complexes. Isomerism in complexes, structural, ionisation, solvate, linkage and coordination.
July	4 hours	Stereoisomerism, geometrical, optical isomerism with simple inorganic complexes. Applications of qualitative, quantitative analysis, photographic, metallurgy, medicine, catalysis and biosystems. Heavy Metal Poisons: Introduction, poisons, lead, mercury, aluminium, arsenic, corrosives, cyanide, irritants, phosphorus, CO2, SO2, SO3, NO2, halides and acid fumes, poisoning, sources, signs and symptoms. Free radicals: introduction, definition, generation and scavenger systems.
August	4 hours	Redox reactions, types, stock notations, change in oxidation number and combination. Endergonic and exergonic reactions with examples. The Importance in biological systems
Total	**14 hours**	

Fourth Semester
Title: Biochemical Techniques

MONTHS	HOURS	PORTIONS TO BE COVERED
May	2 hours	Introduction and objectives of bioanalysis and extraction of molecules

		from tissues and cells. Sample preparation types of sample living,
June	4 hours	postmortem extraction of macromolecules from tissues; liquid-liquid, liquid-solid and precipitation methods. Centrifugation: Introduction, principles of centrifugation, Sedimentation, angular velocity, centrifugal field, relative centrifugal field. Types of centrifugations- Preparative and analytical.
July	4 hours	Differential, density gradient and ultra-centrifugation. Basic instrumentation; types of rotors and their design. Laboratory centrifuge; operational instruction and applications.
August	4 hours	Analytical Centrifuges- Optics; Application in sub-cellular fractionation. Sedimentation coefficient, care, and maintenance of instrument.
Total	**14 hours**	

Sixth Semester

Title: Molecular Biology and immunology

MONTHS	HOURS	PORTIONS TO BE COVERED
May	2 hours	**Antibodies**: Polyclonal and monoclonal antibodies. Production and applications of monoclonal antibodies.
June	8 hours	**Overview of the Immune system:** Role of immunologically important organs and cells - bone marrow, thymus, spleen and lymphocytes.Innate and adaptive immunity. Passive and active immunity. Cellular and humoral immunity: formation and functions of T & B Lymphocytes. Helper T-cells and killer T-cells. Macrophages and dendritic cells.
July	8 hours	**Immunization:** Vaccines and their preparations, primary and secondary immune response. **Hypersensitivity:** Immediate and delayed type of hypersensitivity. **Concept of gene**: (1) Gene expression in prokaryotes - concept of Lac operon and trp operon. (2) Functional units in a typical eukaryotic gene-promoter, introns and exons.
August	4 hours	**Replication of DNA**: DNA replication in prokaryotes- conservative, semi conservative and dispersive types. Mechanism of semi conservative replication. DNA polymerases, other enzymes and protein factors involved in replication. Meselson and Stahl experiment. Mechanism of replication in prokaryotes.
September	8 hours	**Immunological disorders:** Autoimmune disorder- systemic lupus erythomatus and rheumatoid arthritis. Immunodeficiency diseases- AIDS. **Prokaryotic RNA Synthesis**: 4 hrs Role of RNA polymerase. Initiation, elongation and termination, reverse transcriptionreplication of HIV virus.

Total	**30 hours**	

SARADA VILAS COLLEGE

WORK DIARY

DEPARTMENT OF PHYSICS

EVEN SEMESTER - 2022

SUGANTHI S SINGH

ASSOCIATE PROFESSOR & HEAD

TEACHING PLAN FOR THE YEAR 2022 – EVEN SEM

II – SEMESTER A

Title of the paper: ELECTRICITY & MAGNETISIM

Commencement of II nd Semester on 30/03/2022

MONTH	HOURS	PORTIONS TO BE COVERED
MAY	01	Magnetism: Definition of magnetic field, Ampere's law & Biot-Savart laws (magnetic
		forces & magnetic flux), Magnetic force on a current carrying Conductor, Hall effect
JUNE	05	Electromagnetic induction, Conducting rod moving in a magnetic field, laws of
		Induction & mutual Inductance Self induction and energy
JULY	05	stored in a magnetic field. Alternating current circuit.
		Resonance circuit, alternating current, quality factor,
AUGUST	05	RL, RC, LC, LCR circuit, admittance and impedance power and energy in
		AC circuits
SEPTEMBER	04	Activity: Prepare a small project report on street lighting and types of duties

Sugandhi. S. Singh

TEACHING PLAN FOR THE YEAR 2022 – EVEN SEM

IV SEMESTER (A & C SECTION)

Commencement of IV & VI th Semesters on 16/05/2022

Title of the paper: OPTICS & SPECTROSCOPY

MONTH	HOURS	PORTIONS TO BE COVERED
MAY	02	The Electron: Determination of e/m of an electron by Thomson
		method. Determination of charge of an electron by Millikan's oil drop method.
JUNE	05	Numerical Problems. Atomic Spectra: A qualitative account of Sommerfeld relativistic atom model.
		Excitation and Ionization potentials – Franck Hertz experiment. Vector model of
JULY	05	atom. Electron spin. Space quantization. Magnetic moment of an electron due to its orbital motion. Stern
		Gerlach experiment. Spin-orbital interaction and the fine structure of Spectral lines
AUGUST	05	Quantum numbers and selection rules. Pauli's exclusion Principle. Electronic Configuration of atoms.
		Valance electron. Brief mention of LS and JJ
SEPTEMBER	02	Coupling for multi-electron atoms.

Sugandhi. S. Singh

TEACHING PLAN FOR THE YEAR 2022 – EVEN SEM

VI – SEMESTER (A & C SECTION)

Commencement of VI th Semester on 16/05/2022

Title of the paper: SOLID STATE PHYSICS

MONTH	HOURS	PORTIONS TO BE COVERED
MAY	02	Superconductivity: Elementary ideas and experimental facts. Meissner effect. Magnetic
		properties of type I & type II semiconductors. Critical magnetic field. Influence of
JUNE	05	external agents on superconductivity, Cooper pairs, BCS theory. Applications of Superconductivity.
		Introduction to high temperature superconductors.
		Liquid crystals: Symmetry, structure and classification of liquid crystals; polymorphism in thermotropics.
JULY	05	
		X-rays: Bragg's law and the Bragg spectrometer, A
AUGUST	05	brief mention of the different types of crystals. Miller
		indicies, structure of NaCl & KCl crystals. Continuous X-ray spectrum and its origin;
SEPTEMBER	02	Duane & Hunt limit. characteristic X-ray spectra & its origin; Moseley law & its significance.
		Compton effect – Expression
	02	for Compton shift, Compton wavelength. Verification of change in wavelength; Reason for non-observance of Compton effect in visible light. Numerical problems.

Suganthi. S. Singh

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

09/05/22 to 14/05/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Discussion of Syllabus
	10.30 - 11.30 am		
09/05/22	11.30 – 12.30 pm		
TUESDAY	10.00 – 10.30 am		
	11.30 – 12.30 pm		Naac related work
10/05/22	12.30 – 1.30 pm		
	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		Naac related work
	10.30 – 11.30 am		
11/05/22	12.30 – 1.30 pm		
THURSDAY	10.00 -10.30 am		Department meeting
	10.30 – 11.30 am		work distribution of
12/05/22	11.30 – 12.30 pm		syllabus - universe.
	12.30 – 1.30 pm		Framing of individual time table.
FRIDAY	10.00 -10.30 am		
	10.30 – 11.30 am		Laboratory Setting
13/05/22	12.30 – 1.30 pm		for VI th Semester
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		Laboratory Setting
	11.30 – 12.30 pm		for IV th Semester
14/05/22	12.30 – 1.30 pm		

Suganthi. S. Singh
14/05/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

16/05/22 to 21/05/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Class Commenced Introduction given
16/05/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab Setting for Paper 7
TUESDAY	11.30 – 12.30 PM	IV A	class Commenced Introduction given
17/05/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Determination of e/m of an electron by Thomson Method
18/05/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab Setting for Paper IV
THURSDAY	11.30 – 12.30 PM	IV A	Millikan's oil drop specific method to determine the charge
19/05/22	2.00 -6.00 PM	IV SEM (PCM)	Lab Settings for Paper IV
FRIDAY	11.30 – 12.30 PM	VI A	Problems on e/m of an electron
20/05/22	3.00 – 5.00 PM	VI SEM (PCM)	Lab Setting for Paper 8
SATURDAY	10.30 – 11.30 AM	1 A	Discussion of distribution
21/05/22			of Syllabus

Sugandhi. S. Singh

21/05/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

23/05/22 to 25/05/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Problems on Millikan's oil drop experiment
23/05/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Conducted
TUESDAY	11.30 – 12.30 PM	IV A	Problems Completed.
24/05/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Sommerfield Atom model detail explanation done
25/05/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab work done
THURSDAY	11.30 – 12.30 PM	IV A	Vector atom model Completed with full explanation
26/05/22	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
FRIDAY	11.30 – 12.30 PM	VI A	X-rays, Continuous & characteristic x-rays.
27/05/22	3.00 – 5.00 PM	VI SEM (PCM)	Applied C.L.
SATURDAY	10.30 – 11.30 AM	1 A	Applied C.L.
28/05/22			

Sugandhi. S. Singh

28/05/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Department meeting
	10.30 - 11.30 am		to rel NEP 2nd Sem Work load
30/05/22	11.30 – 12.30 pm		Lab Selling for 2nd Sem NEP students.
TUESDAY	10.00 – 10.30 am		Naac related work
	11.30 – 12.30 pm		Naac Work
	12.30 – 1.30 pm		AQAR Work
31/05/22	2.00 – 5.00 pm		Assistance to principal
WEDNESDAY	10 .00 – 10.30 am		Naac Work
	10.30 – 11.30 am		Assistance to principal
01/06/22	12.30 – 1.30 pm		Assistance to principal
THURSDAY	10.00 -10.30 am		AQAR related work
02/06/22	10.30 – 11.30 am		Naac related work
	11.30 – 12.30 pm		Naac Work
	12.30 – 1.30 pm		Assistance to Principal
FRIDAY	10.00 -10.30 am		Library Work
	10.30 – 11.30 am		List of UGC books
03/06/22	12.30 – 1.30 pm		List of non-UGC books
	2.00 – 3.00 pm		in our department library was separated.
SATURDAY	10.00 -10.30 am		The above said books
	11.30 – 12.30 pm		were typed and submitted
04/06/22	12.30 – 1.30 pm		to the Librarian.

Suganthi . S. Singh
04/06/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 30/05/22 to 04/06/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Duane & Hunt Law, Moseley law Completed.
	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work done
30/05/22			
TUESDAY	11.30 – 12.30 PM	IV A	Spin and Spacial quantisation Completed
31/05/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	NaCl & KCl structure & crystal Completed
	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work done
01/06/22			
THURSDAY	11.30 – 12.30 PM	IV A	Quantum numbers & seven different types
	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
02/06/22			
FRIDAY	11.30 – 12.30 PM	VI A	Miller indices & its examples with explanation
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work done
03/06/22			
SATURDAY	10.30 – 11.30 AM	1 A	Magnetic field, force
04/06/22			Magnetic field on a current Carrying Conductor

Suganthi . S. Singh
04/06/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		AQAR related Work
	10.30 - 11.30 am		"
06/06/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Naac Work
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
07/06/22	2.00 – 5.00 pm		Assistance to Principal
WEDNESDAY	10 .00 – 10.30 am		Naac Work
	10.30 – 11.30 am		"
08/06/22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		AQAR Work
	10.30 – 11.30 am		"
09/06/22	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		
FRIDAY	10.00 -10.30 am		Assistance to Principal
	10.30 – 11.30 am		"
10/06/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		AQAR Work
	11.30 – 12.30 pm		"
11/06/22	12.30 – 1.30 pm		"

Suganthi . S. Singh
11/06/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

06/06/22 to 11/06/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Bragg's law & Bragg's spectrometer Completed.
	2.00 – 5.00 PM	VI SEM(PCM)	Lab work done
06/06/22			
TUESDAY	11.30 – 12.30 PM	IV A	Special rules based on quantum numbers
07/06/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Problems on Bragg's Law Completed
	2.00 – 6.00 PM	IV SEM (PCM)	Lab work Conducted
08/06/22			
THURSDAY	11.30 – 12.30 PM	IV A	Pauli's exclusion principle and problems
	2.00 -6.00 PM	IV SEM (PCM)	Lab work done
09/06/22			
FRIDAY	11.30 – 12.30 PM	VI A	Problems on Moseley's law & Miller indices
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work done
10/06/22			
SATURDAY	10.30 – 11.30 AM	1 A	Ampere's law, Biot Savart law Completed
11/06/22			

Suganthi . S. Singh
11/06/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		AQAR related work
	10.30 - 11.30 am		Naac Work
13/06/22	11.30 – 12.30 pm		Assistance to principal
TUESDAY	10.00 – 10.30 am		Department Work
	11.30 – 12.30 pm		Naac related Work
	12.30 – 1.30 pm		Agar related work
14/06/22	2.00 – 5.00 pm		Assistance to principal
WEDNESDAY	10 .00 – 10.30 am		Apparatus checking
	10.30 – 11.30 am		Assistance to principal
15/06/22	12.30 – 1.30 pm		Assistance to principal
THURSDAY	10.00 -10.30 am		Department Work
16/06/22	10.30 – 11.30 am		"
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		Preparation of Equation for apparatus.
FRIDAY	10.00 -10.30 am		Assistance to Principal
	10.30 – 11.30 am		"
17/06/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		Naac Work
	11.30 – 12.30 pm		"
18/06/22	12.30 – 1.30 pm		"

Suganthi. S Singh
18/06/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

13/06/22 to 18/06/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Compton shift and obtained the expression for shift in wavelength
13/06/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Conducted
TUESDAY	11.30 – 12.30 PM	IV A	Pauli's exclusion principle Completed
14/06/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Filling up of Valence shells based on atomic weight
15/06/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work Completed
THURSDAY	11.30 – 12.30 PM	IV A	Problems Completed on Stern & Gerlach expt.
16/06/22	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Completed
FRIDAY	11.30 – 12.30 PM	VI A	Problems on Compton effect Completed.
17/06/22	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Completed
SATURDAY	10.30 – 11.30 AM	1 A	Applied .C.L.
18/06/22			

Suganthi. S Singh
18/06/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Naac Work
	10.30 - 11.30 am		"
20/06/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Admission Committee
	11.30 – 12.30 pm		meeting
	12.30 – 1.30 pm		
21/06/22	2.00 – 5.00 pm		Inter - Collegiate Tournament meeting
WEDNESDAY	10 .00 – 10.30 am		Admission work
	10.30 – 11.30 am		"
22/06/22	12.30 – 1.30 pm		Assistance to principle
THURSDAY	10.00 -10.30 am		Department work
	10.30 – 11.30 am		Admission Work
23/06/22	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		Assistance to principal
FRIDAY	10.00 -10.30 am		Inter - Collegiate Tournament
	10.30 – 11.30 am		Admission Work
24/06/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		Assistance to Principal
	11.30 – 12.30 pm		Naac Work
25/06/22	12.30 – 1.30 pm		Naac Work

Suganthi. S. Singh
25/06/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022
20/06/22 to 25/06/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Numerical Problems on Compton effect solved
	2.00 – 5.00 PM	VI SEM(PCM)	Lab work done .
20/06/22			
TUESDAY	11.30 – 12.30 PM	IV A	Elutionic Configuation of Atoms Completed for
			different Atoms.
21/06/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Different types of Coupling Completed
	2.00 – 6.00 PM	IV SEM (PCM)	Lab work done .
22/06/22			
THURSDAY	11.30 – 12.30 PM	IV A	e/m of an elution by Thomson's method.
	2.00 -6.00 PM	IV SEM (PCM)	Lab work done.
23/06/22			
FRIDAY	11.30 – 12.30 PM	VI A	Numerical Problems done
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work done.
24/06/22			
SATURDAY	10.30 – 11.30 AM	1 A	Elutiomagnetic Induction
25/06/22			Conducting rod moving in

Suganthi. S. Singh
25/06/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Admission Work
	10.30 - 11.30 am		"
27/06/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Admission Work
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
28/06/22	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		Admission work
	10.30 – 11.30 am		"
29/06/22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		
30/06/22	10.30 – 11.30 am		Department meeting
	11.30 – 12.30 pm		related to first IA Syllabus portion
	12.30 – 1.30 pm		
FRIDAY	10.00 -10.30 am		Admission Work
	10.30 – 11.30 am		"
01/07/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		Admission work
	11.30 – 12.30 pm		"
02/07/22	12.30 – 1.30 pm		"

Suganthi . S. Singh
02/07/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

27/06/22 to 02/07/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Structure and classification of liquid crystals.
	2.00 – 5.00 PM	VI SEM(PCM)	Lab work Conducted
27/06/22			
TUESDAY	11.30 – 12.30 PM	IV A	Magnetic Moment of an electron
			due to its orbital motion
28/06/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Stern & Gerlach experiment
	2.00 – 6.00 PM	IV SEM (PCM)	Lab work Conducted
29/06/22			
THURSDAY	11.30 – 12.30 PM	IV A	Problems solved on Stern & Gerlach experiment.
	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
30/06/22			
FRIDAY	11.30 – 12.30 PM	VI A	Structure of NaCl Completed
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted.
01/07/22			
SATURDAY	10.30 – 11.30 AM	1 A	Laws of Inductance
02/07/22			Self & Mutual Inductance.

Suganthi . S. Singh
02/07/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Admission Work
	10.30 - 11.30 am		"
04/07/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Admission Work
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
05/07/22	2.00 – 5.00 pm		"
WEDNESDAY	10 .00 – 10.30 am		Admission Work
	10.30 – 11.30 am		"
06/07/22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		Admission Work
07/07/22	10.30 – 11.30 am		"
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
FRIDAY	10.00 -10.30 am		Admission Work
	10.30 – 11.30 am		"
08/07/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		Admission work
	11.30 – 12.30 pm		"
09/07/22	12.30 – 1.30 pm		"

Suganthi. S. Singh
09/07/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

04/07/22 to 09/07/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Studies of KCl completed.
04/07/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Conducted
TUESDAY	11.30 – 12.30 PM	IV A	Spin orbital Interaction
05/07/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Spacial Quantization
06/07/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work Conducted.
THURSDAY	11.30 – 12.30 PM	IV A	Selection rules
07/07/22	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
FRIDAY	11.30 – 12.30 PM	VI A	Miller Indices along with problems.
08/07/22	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted
SATURDAY	10.30 – 11.30 AM	1 A	Energy Stored in an Inductor.
09/07/22			

Suganthi. S. Singh
09/07/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Preparation for first IA test
	10.30 - 11.30 am		
11|07|22	11.30 – 12.30 pm		,,
TUESDAY	10.00 – 10.30 am		Preparation for first IA test
	11.30 – 12.30 pm		
	12.30 – 1.30 pm		,,
12|07|22	2.00 – 5.00 pm		,,
WEDNESDAY	10 .00 – 10.30 am		Naac related work
	10.30 – 11.30 am		,,
13|07|22	12.30 – 1.30 pm		,,
THURSDAY	10.00 -10.30 am		Naac related work
	10.30 – 11.30 am		,,
14|07|22	11.30 – 12.30 pm		,,
	12.30 – 1.30 pm		,,
FRIDAY	10.00 -10.30 am		Preparation for first IA test
	10.30 – 11.30 am		
	12.30 – 1.30 pm		,,
15|07|22	2.00 – 3.00 pm		,,
SATURDAY	10.00 -10.30 am		Naac related work
	11.30 – 12.30 pm		,,
16|07|22	12.30 – 1.30 pm		,,

Suganthi. S. Singh
16/07/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 11\|07\|22 to 16\|07\|22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Solution to Numerical Problems
	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Completed
11|07|22			
TUESDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems Continued.
12|07|22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems
	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work Completed
13|07|22			
THURSDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems Continued
	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
14|07|22			
FRIDAY	11.30 – 12.30 PM	VI A	Solution to Numerical Problems Completed
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted
15|07|22			
SATURDAY	10.30 – 11.30 AM	1 A	Problems on Self &
16|07|22			Mutual Inductions done.

Suganthi. S. Singh
16/07/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Preparation for IA test
	10.30 - 11.30 am		IQAC Meeting
18|07|22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Preparation for IA test
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
19|07|22	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		Preparation for IA test
	10.30 – 11.30 am		"
20|07|22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		Preparation for IA test
	10.30 – 11.30 am		"
21|07|22	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
FRIDAY	10.00 -10.30 am		IA related work
	10.30 – 11.30 am		"
	12.30 – 1.30 pm		"
22|07|22	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		Assistantance to Principal
	11.30 – 12.30 pm		"
23|07|22	12.30 – 1.30 pm		Parent - Teacher Meeting

Suganthi . S. Singh
23\|07\|22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

18\|07\|22 to 23\|07\|22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	IQAC meeting
18|07|22	2.00 – 5.00 PM	VI SEM(PCM)	IA Test
TUESDAY	11.30 – 12.30 PM	IV A	
19|07|22			IA Test
WEDNESDAY	11.30 – 12.30 PM	IV A	
20|07|22	2.00 – 6.00 PM	IV SEM (PCM)	IA Test
THURSDAY	11.30 – 12.30 PM	IV A	
21|07|22	2.00 -6.00 PM	IV SEM (PCM)	IA Test
FRIDAY	11.30 – 12.30 PM	VI A	
22|07|22	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted
SATURDAY	10.30 – 11.30 AM	1 A	Introduction to Alternating
23|07|22			circuits .

Suganthi . S. Singh
23\|07\|22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Evaluation of Final Year scripts of C, Test.
	10.30 - 11.30 am		"
25/07/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Evaluation of Second Year of C, Test.
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
26/07/22	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		Evaluation of First Year C, Test.
	10.30 – 11.30 am		"
27/07/22	12.30 – 1.30 pm		
THURSDAY	10.00 -10.30 am		Naac related work
	10.30 – 11.30 am		"
28/07/22	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
FRIDAY	10.00 -10.30 am		Naac related work
	10.30 – 11.30 am		Criteria wise mating
	12.30 – 1.30 pm		related to SSR
29/07/22	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		"
	11.30 – 12.30 pm		"
30/07/22	12.30 – 1.30 pm		"

Suganthi. S. Singh
30/07/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 25/07/22 to 30/07/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Bragg law & Bragg Spectrometer
	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Conducted.
25/07/22			
TUESDAY	11.30 – 12.30 PM	IV A	Space quantization & Spin quantization
26/07/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Magnetic Moment of an electron due to its orbital Motion
	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work Conducted.
27/07/22			
THURSDAY	11.30 – 12.30 PM	IV A	Electronic Configuration of an atom.
	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted.
28/07/22			
FRIDAY	11.30 – 12.30 PM	VI A	Brief Mention of Couplings
	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted.
29/07/22			
SATURDAY	10.30 – 11.30 AM	1 A	RL & RC circuit along with derivation
30/07/22			Completed.

Suganthi. S. Singh
30/07/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours 01/08/22 to 06/08/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Naac Work
	10.30 - 11.30 am		"
01/08/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Assistance to Principal
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
02/08/22	2.00 – 5.00 pm		"
WEDNESDAY	10 .00 – 10.30 am		Naac Work
	10.30 – 11.30 am		"
03/08/22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		Assistance to Principal
	10.30 – 11.30 am		"
04/08/22	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
FRIDAY	10.00 -10.30 am		Naac Work
	10.30 – 11.30 am		"
	12.30 – 1.30 pm		"
05/08/22	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		Naac Work
	11.30 – 12.30 pm		"
06/08/22	12.30 – 1.30 pm		"

Suganthi. S. Singh
06/08/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 01/08/2022 to 06/08/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Solution to Numerical Problems
01/08/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab Work Conducted
TUESDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems.
02/08/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems
03/08/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab Work Conducted
THURSDAY	11.30 – 12.30 PM	IV A	Solution to Numerical Problems
04/08/22	2.00 -6.00 PM	IV SEM (PCM)	Lab Work Conducted
FRIDAY	11.30 – 12.30 PM	VI A	Solution to Numerical Problems.
05/08/22	3.00 – 5.00 PM	VI SEM (PCM)	Lab Work Conducted
SATURDAY	10.30 – 11.30 AM	1 A	LC & LRC along with derivation
06/08/22			Completed

Suganthi. S. Singh
06/08/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH — College related work other than teaching - 20 hours — 08/08/22 to 13/08/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Assistance to Principal
	10.30 - 11.30 am		"
08/08/22	11.30 – 12.30 pm		"
TUESDAY	10.00 – 10.30 am		Naac work
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
09/08/22	2.00 – 5.00 pm		"
WEDNESDAY	10 .00 – 10.30 am		Assistance to Principal
	10.30 – 11.30 am		"
10/08/22	12.30 – 1.30 pm		"
THURSDAY	10.00 -10.30 am		Naac work
11/08/22	10.30 – 11.30 am		"
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		"
FRIDAY	10.00 -10.30 am		Assistance to principal
	10.30 – 11.30 am		"
12/08/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		Naac Work
	11.30 – 12.30 pm		"
13/08/22	12.30 – 1.30 pm		"

Suganthi. S. Singh 13/8/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 — 08/08/22 to 13/08/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	Solution to previous year Question Paper problems
08/08/22	2.00 – 5.00 PM	VI SEM(PCM)	Lab practical Test Conducted
TUESDAY	11.30 – 12.30 PM	IV A	Solution to previous year
09/08/22			Question Paper problems
WEDNESDAY	11.30 – 12.30 PM	IV A	Solution to previous Year Question Paper problems
10/08/22	2.00 – 6.00 PM	IV SEM (PCM)	Lab practical Test Conducted
THURSDAY	11.30 – 12.30 PM	IV A	Solution to prev
11/08/22	2.00 -6.00 PM	IV SEM (PCM)	Lab practical Test Conducted
FRIDAY	11.30 – 12.30 PM	VI A	Solution to previous Year Question Paper problems
12/08/22	3.00 – 5.00 PM	VI SEM (PCM)	Lab practical Test Conducted
SATURDAY	10.30 – 11.30 AM	1 A	Solutions to Numerical
13/08/22			problems done.

Suganthi. S. Singh 13/08/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

15/08/22 to 20/08/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		75th Independance Day
	10.30 - 11.30 am		Celebration
15/08/22	11.30 – 12.30 pm		
TUESDAY	10.00 – 10.30 am		
	11.30 – 12.30 pm		Naac related Work
	12.30 – 1.30 pm		
16/08/22	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		
	10.30 – 11.30 am		Naac Work
17/08/22	12.30 – 1.30 pm		
THURSDAY	10.00 -10.30 am		
	10.30 – 11.30 am		Naac Work
18/08/22	11.30 – 12.30 pm		
	12.30 – 1.30 pm		
FRIDAY	10.00 -10.30 am		
	10.30 – 11.30 am		Naac Work
19/08/22	12.30 – 1.30 pm		
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		
	11.30 – 12.30 pm		Naac Work
20/08/22	12.30 – 1.30 pm		

Suganthi . S. Singh
20/08/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022

15/08/22 to 20/08/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	
	2.00 – 5.00 PM	VI SEM(PCM)	75th independance Day
15/08/22			Celebration in our College.
TUESDAY	11.30 – 12.30 PM	IV A	
			Second IA Test Conducted
16/08/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Second IA Test Conducted
	2.00 – 6.00 PM	IV SEM (PCM)	Second Practical IA Test
17/08/22			Conducted
THURSDAY	11.30 – 12.30 PM	IV A	Second IA Test Conducted
	2.00 -6.00 PM	IV SEM (PCM)	Second IA practical Test-
18/08/22			Conducted
FRIDAY	11.30 – 12.30 PM	VI A	Second IA Test Conducted
	3.00 – 5.00 PM	VI SEM (PCM)	Second IA practical Test
19/08/22			conducted
SATURDAY	10.30 – 11.30 AM	1 A	Second IA Test Conducted
20/08/22			

Suganthi . S. Singh
20/08/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours 22/08/22 to 27/08/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Preparation for University
	10.30 - 11.30 am		final Year practical
22/08/22	11.30 – 12.30 pm		examination
TUESDAY	10.00 – 10.30 am		
	11.30 – 12.30 pm		"
	12.30 – 1.30 pm		
23/08/22	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		
	10.30 – 11.30 am		"
24/08/22	12.30 – 1.30 pm		
THURSDAY	10.00 -10.30 am		
	10.30 – 11.30 am		Preparation for University
25/08/22	11.30 – 12.30 pm		second Year practical
	12.30 – 1.30 pm		examination.
FRIDAY	10.00 -10.30 am		
	10.30 – 11.30 am		"
26/08/22	12.30 – 1.30 pm		
	2.00 – 3.00 pm		
SATURDAY	10.00 -10.30 am		
	11.30 – 12.30 pm		"
27/08/22	12.30 – 1.30 pm		

Suganthi. S. Singh
27/08/22

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 22/08/22 to 27/08/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	
22/08/22	2.00 – 5.00 PM	VI SEM(PCM)	University final Year
			practical examination Conducted
TUESDAY	11.30 – 12.30 PM	IV A	
23/08/22			University final Year
			practical examination Conducted
WEDNESDAY	11.30 – 12.30 PM	IV A	University final Year
24/08/22	2.00 – 6.00 PM	IV SEM (PCM)	Practical examination Conducted
THURSDAY	11.30 – 12.30 PM	IV A	University Seconds Year
25/08/22	2.00 -6.00 PM	IV SEM (PCM)	practical examination Conducted
FRIDAY	11.30 – 12.30 PM	VI A	University Second Year
26/08/22	3.00 – 5.00 PM	VI SEM (PCM)	practical examination Conducted
SATURDAY	10.30 – 11.30 AM	1 A	University Second Year
27/08/22			practical examintion Conducted

Suganthi. S. Singh
27/08/22

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

SUGANTHI . S. SINGH College related work other than teaching - 20 hours 29/08/22 to 03/09/22

DATE & DAY	TIME		ACTIVITY
MONDAY	10 .00 – 10.30 am		Department work related to IA
	10.30 - 11.30 am		
29/08/22	11.30 – 12.30 pm		
TUESDAY	10.00 – 10.30 am		
	11.30 – 12.30 pm		"
30/08/22	12.30 – 1.30 pm		
	2.00 – 5.00 pm		
WEDNESDAY	10 .00 – 10.30 am		
	10.30 – 11.30 am		Ganapathi festival
31/08/22	12.30 – 1.30 pm		
THURSDAY	10.00 -10.30 am		
	10.30 – 11.30 am		Applied C.L.
01/09/22	11.30 – 12.30 pm		
	12.30 – 1.30 pm		
FRIDAY	10.00 -10.30 am		Sports Day related work
	10.30 – 11.30 am		
02/09/22	12.30 – 1.30 pm		"
	2.00 – 3.00 pm		"
SATURDAY	10.00 -10.30 am		
	11.30 – 12.30 pm		Guided the Students to
03/09/22	12.30 – 1.30 pm		attend the digital Marketing workshop

Suganthi. S Singh
03/09/22

Dean

TOTAL = 20 hours of work like , Assistance to Principal , Admission work , various committee work , IA related work , Curricular work , NAAC work (AQAR & SSR) et

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY – EVEN SEMESTER - 2022

Even semester commenced from 16th May 2022 29/08/22 to 03/09/22

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY	12.30 – 1.30 PM	VI A	
	2.00 – 5.00 PM	VI SEM(PCM)	Finalising IA Marks
29/08/22			
TUESDAY	11.30 – 12.30 PM	IV A	Finalising IA Marks
30/08/22			
WEDNESDAY	11.30 – 12.30 PM	IV A	Ganapathi festival
	2.00 – 6.00 PM	IV SEM (PCM)	
31/08/22			
THURSDAY	11.30 – 12.30 PM	IV A	
	2.00 -6.00 PM	IV SEM (PCM)	Applied C.L.
01/09/22			
FRIDAY	11.30 – 12.30 PM	VI A	
	3.00 – 5.00 PM	VI SEM (PCM)	Sports Day Celebration
02/09/22			
SATURDAY	10.30 – 11.30 AM	1 A	Digital Marketing
02/09/22			Workshop - attended

Suganthi. S. Singh
02/09/22

Dean

Name of the Teacher:
Semester Handling: IV (NEP)
Paper Title: Real Analysis – I and Differential Equations – II
Duration allotted: 16 Weeks (32 Hours)

WEEK	IV SEMESTER -MATDSCT 4.1: Real Analysis – I and Differential Equations – II (4 hours/week)
1	**UNIT I: Sequences :** Sequence of real numbers – Bounded and unbounded sequences – Infimum and supremum of a sequence, Limit of a sequence
2	Sum, product and quotient of limits – Standard theorems on limits- Convergent , divergent and oscillatory sequences
3	Discuss the convergence of $\{x^n\}$, $\{n^{1/n}\}$, $\{(1+1/n)^n\}$and standard problems, Monotonic sequences and their properties
4	Cauchy's general principle of convergence. **UNIT II: Infinite Series :**Infinite series of real numbers -Convergence and Divergence - Oscillation of series
5	Properties of convergence ; Series of positive terms -Geometric series – p – series
6	Comparison tests, D'Alembert's ratio test, Raabe's test
7	Cauchy's root test – Leibnitz's test for alternating series.
8	C1-test , seminars and group discussion.
9	**UNIT III: Linear differential equations :** Cauchy – Euler differential equations, Solution of ordinary second order linear differential equations with variable coefficients by various methods such as: (i) When a part of complementary function is given. (ii) Changing the independent variable.
10	(iii) Changing the dependent variable. (iv) By method of variation of parameters.
11	(v) Exact method. Total differential equations - Necessary and sufficient condition for the equation Pdx + Qdy + Rdz = 0 to be exact (proof only for the necessary part)
12	Simultaneous equations of the form $dx/P = dy/Q = dz/$. **UNIT IV: Partial differential equations :** Basic concepts – Formation of a partial differential equations by elimination of arbitrary constants and functions
13	Solution of partial differential equations – Solution by Direct integration, Lagrange's linear equations of the form Pp + Qq = R
14	Standard types of first order non-linear partial differential equations – Charpit's method Homogenous linear equations with constant coefficient – Rules for finding the complementary function
15	Rules for finding the particular integral, Method of separation of variables (product method).
16	C-2 test and discussions.

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Work DIARY.
EVEN SEMESTER.
2022-2023.

Day / Date	Time	Class	Topics Covered and Work Done
05/04/2023. (Tuesday) Wednesday	10:30 to 11:30.	II Sem BSc Hons	Naac Work. and Introduction to Syllabus.
06/04/2023. Thursday	10:30 AM to 5:00 PM	—	NAAC D.V.V. Clarification - Work. and preparation for classes.
10/04/2023	7, 8, 9	Holidays ⟶	
10/04/2023 (Monday.)	8:30 to 9:30.	II Sem B.Sc Hons	Definition and examples of graph. NAAC D.V.V. Work.
11/04/2023 Tuesday.	10:30 AM to 5:00 PM	—	Moning till evening D.V.V. Clarification Work (pushing)
12/04/2023 Wednesday	10:30 AM to 5:00 PM	—	Moning till evening D.V.V. Work and Department NAAC file updating.

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Day / Date	Time	Class	Topics Covered and Work Done
13/04/2023	10:30 AM to 5:00 PM	—	Preparation for class. Department NAAC files updating and Time table discussion with Co
18/04/2023. (Tuesday)	10:30 AM 5:00 PM	—	D.V.V. Clarification corrections.
19/04/2023. (Wednesday)	10:30 AM to 6:00 PM	—	NAAC – part A work D.V.V. clarification
20/04/2023. Thursday	12:30 to 1:30	VI PMCs	Definition of a vectorspace. Depart ment NAAC work.
21/04/2023. (Friday)	←	Ch →	~~Department NAAC work.~~
22/04/2023.	←	Ramzan Holiday →	

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Day / Date	Time	Class	Topics Covered and Work Done
24/04/2023. (Monday)	8:30 to 9:30 2:00 to 5:00	II BSc Hons. VI PMCs	Finite & Null graph definition and examples. practical. (Introduction to syllabus)
25/04/2023. (Tuesday)	12:30 to 01:30.	IV Sem. BSc	Introduction to syllabus and Recalling the basic concepts.
26/04/2023. (Wednesday)	10:30 to 11:30. 11:30 to 12:30	II Sem open elective II Sem BSc (Hons)	Definition of permutations and combination. Degree of vertex, minimum and maximum degree of a graph.
27/04/2023. (Thursday)	12:30 to 1:30. 2:00 to 5:00	VI PMCs VI PMCs (Lab)	Problems of vector spaces. Program - 1 Linear combi -nation of vectors.
28/4/2023. (Friday)	10:30 to 11:30. 11:30 to 12:30	II BCom (O.E) IV Sem. BSc	Problems on permutation Definition of sequence and some examples.
29/04/2023 Saturday	8:20 to 9:30 9:30 to 12:30	II BSc Hons. VI PMCs (Lab).	Hand shaking lemma proof and problems on Hand shaking lemma. & Record correction. Linearly Independent and Dependent program.

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Day / Date	Time	Class	Topics Covered and Work Done
01/05/2023 (Monday)	←	Labour day (Holiday) →	
2/05/2023 (Tuesday)	12:30 to 1:30	IV Sem B.Sc	Problems on Sequences and Definition of bounded and unbounded Sequence
3/05/2023 (Wednesday)	10:30 to 11:30. 11:30 to 12:30	II B.com (Open elective) II B.Sc Hons.	Problems on permutation and combination. Subgraphs and spanning subgraphs.
04/05/2023. (Thursday)	12:30 to 1:30 2:00 to 5:00	VI PMCS VI PMCS (Lab)	Definition of Subspace and some problems on Subspaces. Record correction and prog -2. Ex.
05/05/2023 (Friday)	10:30 to 11:30. 11:30 to 12:30	II B.com (O.E.) IV Sem B.Sc	Problems on combinations Definition and examples of Infimum and Supremum of Sequence (Discipline committee meeting)
06/05/2023. (Saturday)	8:30 to 9:30. 9:30 to 12:30.	II B.Sc Hons. VI PMCS (Lab)	Degree of a graph. Basis and Dimension of Subspace.

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(9-10 → Holiday) Election)

Day / Date	Time	Class	Topics Covered and Work Done
8/05/2023. (Monday)	8:30 to 9:30. 9:30 to 12:30 2:00 to 5:00	II B.Sc Hons. VI PMCS (Lab) VI PMCS Lab.	Distance between the vertices and Definition of an eccentricity. Graph theory (Definition and Random graph → Mutually independent and Def without
11/05/2023. (Thursday)	12:30 to 1:30. 12:30 to 1:30 2:00 to 5:00	IV Sem B.Sc VI PMCS VI PMCS (Lab)	→ Limit of a Sequence, Sum product and Quotient of limits. → theorems on Subspaces. → graph theory Random graphs
12/05/2023 (Friday)	10:30 to 11:30. 11:30 to 12:30	II. B.com (Open elective) IV Sem B.Sc	Definition and some important formula of probability Some standard theorems on limits.
13/05/2023. (Saturday)	8:30 to 9:30. 9:30 to 12:30	II B.Sc Hons. VI PMCS (Lab)	problems on Eccentricity Graph theory (Radius. diameter of a graph)
15/05/2023 (Monday).	8:30 to 9:30. 9:30 to 12:30 2:00 to 5:00	II B.Sc Hons. VI PMCS Lab. VI PMCS Lab.	Radius and diameter of a graphs. Matrix of linear transformation. Radius and Diameter of graph.
16/05/2023. Tuesday.	12:30 to 1:30.	IV Sem B.Sc.	Definition of convergent Divergent and oscillatory Sequences

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Day / Date	Time	Class	Topics Covered and Work Done
17/05/2023. (Wednesday)	10:30 to 11:30. 11:30 to 12:31.	II B.com open elective II BSc Hons.	Problems on True discount. Properties of edges and vertices.
18/05/2023. (Thursday)	12:30 to 1:30. 2:00 to 5:00	VI PMCs. VI PMCs Lab	Definition of Basis and Dimension. Complete Bipartite graph
19/05/2023. (Friday)	10:30 to 11:30. 11:30 to 12:30.	II. B.com open elective. IV sem B.Sc.	Problems on true discount. Discuss the nature of Sequences.
20/05/2023. (Saturday)	8:30 to 9:30 9:30 to 12:30.	II BSc Hons. VI PMCs Lab.	Definition and some examples of Isomorphism of graph. → Basis and Dimension
22/05/2023. (Monday)	8:30 to 9:30, 9:30 to 12:30 2:00 to 5:00	II BSc Hons. VI PMCs(lab) VI PMCs(lab)	Hamilton and Eulerian graph. Induced Subgraph and adjacency matrix
23/05/2023 Tuesday	12:30 to 1:30	IV sem B.Sc	Nature of the sequence x^n, $n^{\frac{1}{n}}$, $(1+\frac{1}{n})^n$

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Day / Date	Time	Class	Topics Covered and Work Done
24/05/2023. (Wednesday)	10:30 to 11:30. 11:30 to 12:30.	II B.com open elective II B.Sc Hons.	Problems on true discount [12:30 to 1:30 Mental illness] Properties of Hamilton and Eulerian graph [Program]
25/05/2023. (Thursday)	10:00 to 12:30 12:30 to 1:30 2:00 to 5:00	— VI PMCs VI PMCs Lab.	* Admission work. Problems on Linear combination of vectors. Product of graphs
26/05/2023. (Friday)	9:30 to 10:30 10:30 to 11:30 11:30 to 12:30	— II B.com (O.E) IV sem B.Sc	Discipline Rounds. → Problems on true discount. → Definition of Monotonic sequence
27/05/2023. (Saturday)	8:30 to 9:30. 10:30 to 12:30. 3:00 to 5:00	II BSc Hons VI PMCs (Lab)	* Isomorphism problems. * Product graph * Enclosement prize function. * Department work (Affiliation work)
29/05/2023. (Monday)	8:30 to 9:30 9:30 to 12:30. 2:00 to 5:00	II B.Sc Hons. VI PMCs (Lab) VI PMCs(Lab).	* Isomorphism. → cycle, path, wheel graphs. Matrix of transformation.
30/05/2023. (Tuesday)	12:30 to 1:30. 10:30 to 11:30	IV BSc —	Properties of Monotonic Sequences. Discipline Rounds.

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21/05/2023. (Wednesday)	10:30 to 11:30	II B.com open elective	→ Problem on true discount, Banker discount
	11:30 to 12:30	II B.Sc Hons.	→ Application of Hamilton graph & Eulerian graph
01/06/2023 (Thursday)	9:30 to 12:30	—	Admission Works
	12:30 to 1:30	VI PMU	Linear span (definition and properties)
	2:00 to 5:00	VI PMU (Lab)	→ Linear transformation
02/06/2023. Friday.	9:30 to 10:30	—	Discipline Rounds.
	10:30 to 11:30	II B.com (O.E)	problems on Banker gain.
	11:30 – 12:30	IV B.Sc	cauchy's general principle of convergence
03/06/2023 Saturday	8:30 to 9:30	II B.Sc Hons.	Introduction to Group theory.
	9:30 to 12:30	—	Isomorphism of graphs → C-1 test paper preparation
05/06/2023. (Monday)	8:30 to 9:30	II B.Sc Hons.	Definition of group and Discussion of Basic Oper
	9:30 to 12:30	VI PMU (Lab)	Check the Analyticity.
	2:00 – 5:00	VI PMU (Lab)	Matrix of transformation
06/06/2023 (Tuesday)	and 7/06/2023.	—	CL →

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Day / Date	Time	Class	Topics Covered and Work Done
08/06/2023. Thursday	10:30 to 12:30	—	Department Work (NAAC)
	12:30 – 1:30	VI PMU	Basis and Dimension. definition and problems. → Graphs Repetitions
	2:00 to 5:00	VI PMU (Lab)	
09/06/2023. (Friday)	9:30 to 10:30	—	Discipline Rounds.
	10:30 – 11:30	II B.com open elective	→ problems on true discount.
	11:30 – 12:30	II B.Sc Hons.	→ problems on Groups. → Department NAAC Work till 7:00 PM.
10/06/2023. Saturday	8:30 to 9:30	II B.Sc Hons.	→ Properties of groups.
	9:30 to 12:30	VI PMU (Lab)	→ Milne thomson Method.
12/06/2023. (Monday)	8:30 – 9:30	II B.Sc Hons.	problems on groups.
	9:30 – 12:30	VI PMU (Lab)	Test the Analyticity
	2:00 – 5:00	VI PMU (Lab)	Harmonic function. Department work (till 7:00 PM)
13/06/2023. Tuesday	12:30 – 1:30	IV B.Sc	Some problems on cauchy's general principle of convergence
	2:00 – 7:00 PM	—	Department NAAC Work.
14/06/2023. (Wednesday)	10:30 – 11:30.	II B.com open elective	→ Introduction about profit and loss
	12:00 – 1:30	—	C-1 Test duty → Department Works.
	at 5:30	Experts Peer committee visit (NAAC) & Department.	

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15/06/2023 (Thursday)	←	C-1 Test Duty →	Department work. →
16/06/2023 (Friday)	10:30 to 11:30 11:30 – 12:30	II Bcom open elective IV Sem B.Sc	Problems on Profit and loss. → Definition of an infinite series of real numbers
17/06/2023 (Saturday)	8:30 to 9:30. 9:30 – 12:30.	II B.Sc Hons. VI PMCS (Lab)	Problems on Discount. Harmonic function
19/06/2023. Monday.	8:30 to 9:30. 10:30 to 12:30. 2:00 – 5:00	II B.Sc Hons. VI PMCS (Lab) XI PMCS (Lab)	Properties of groups. Isomorphism of graph C-R equations.
20/06/2023. Tuesday.	12:30 to 1:30.	IV Sem B.Sc	convergence and Divergence of series. (Definition and some examples → Department work.
21/06/2023. Wednesday	10:30 to 11:30 11:30 to 12:30	II. Bcom Open Elective II B.Sc Hons.	Problems on Simple interest. Subgroup – definition and problems

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Day / Date	Time	Class	Topics Covered and Work Done
22/06/2023 Thursday	12:30 – 1:30 2:00 to 5:00	VI PMCS. XI PMCS (Lab).	Definition of linear transformation, Homomorphism and Isomorphism. C-R Equations
23/06/2023. Friday.	10:30 – 11:30. 11:30 – 12:30	II B.com Open Elective IV Sem B.Sc	Problems on Simple Interest. Properties of convergence series
24/06/2023. Saturday	8:30 – 9:30. 9:30 – 12:30.	II B.Sc Hons. VI PMCS (Lab).	Interest and union of subgroups theorems and problems. Bilinear transformation
26/06/2023. Monday.	8:30 – 9:30. 9:30 – 12:30 2:00 – 5:00	II B.Sc Hons. XI PMCS (Lab) XI PMCS (Lab)	Properties of Normal Subgroups & cosets. Complex – Integration. Bilinear transformation
27/06/2023 Tuesday.	12:30 – 1:30	IV Sem B.Sc	Geometric Series, p-series. (statement ~~and~~ proof and problems)
28/06/2023. Wednesday	10:30 – 11:30. 11:30 – 12:30	II. Bcom Open Elective II B.Sc Hons.	⇒ Problems on Compound interest. ⇒ State and prove Lagrange's theorem of finite group.

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Day / Date	Time	Class	Topics Covered and Work Done
14/07/2023 Friday.	10:30 AM to 5:00 PM	—	Practical Examination co-ordination work. and Department works
15/07/2023. Saturday	9:30 AM 12:30 PM	—	practical examination co-ordination work and Department work.
17/07/2023. Monday			
18/07/2023. Tuesday	External Exam duty in St. Joseph degree college.		
19/07/2023 Wednesday	10:00 AM to 6:00 PM	—	Department NAAC work and Electronic Lab work, • Department meeting.
20/07/2023. Thursday	10:30 AM to 6:30 PM	—	Department NAAC work →

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Day / Date	Time	Class	Topics Covered and Work Done
21/07/2023 Friday	10:30 AM 6:00 PM	—	Electronics lab alteration and system arrangements
22/07/2023 Saturday	10:30 AM 1:30 PM	—	Department NAAC work.
24/07/2023 Monday	←	CL	→
25/07/2023 Tuesday	10:30 AM to 6:30 PM	—	• Department NAAC work • NAAC committee meeting
26/07/2023	10:30 AM to 6:00 PM	—	Electronic alteration and Department beautification
27/07/2023 Thursday	10:30 AM to 6:00 PM.	—	Department NAAC work
28/07/2023 Friday	10:30 AM to 6:00 PM	—	Department NAAC work.

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DEPARTMENT

OF

MATHEMATICS

ODD SEMESTER 2022-2023

WORK DIARY

AKASH. G . S

ASSISTANT PROFESSOR

Work diary
Of
AKASH G S

Day / Date	Time	Class	Topics Covered and Work Done
21/09/2022 Wednesday	10:30 to 11:30	III rd sem B.Sc Hons.	*B.Sc Hon's III rd sem class. Introduction about Groups. and basic concepts. * Naac Work.
22/09/2022 Thursday	10:30 to 11:30	III B.Sc Hons	B.Sc. Hon's III rd sem class, Introduction about groups. * Naac Work.
23/09/2022 Friday	10:30 to 11:30.		* Part-A Work. Introduction about groups
24/09/2022 saturday	10:00 AM to 5:00 PM		part A Work. →
25/09/2022 Sunday			Holiday →
26/09/2022 (Monday)	3:00 to 4:00	B.Sc Hons.	B.Sc Hons III rd sem class. Introduction about rings * part-A Work

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Work diary
Of
AKASH G S

Day / Date	Time	Class	Topics Covered and Work Done
27/09/2022 Tuesday	10:30 to 11:30	III B.Sc Hons.	properties of groups and Rings. part-A works.
28/09/2022 Wednesday	10:30 to 11:30	BSc Hons	problems on Rings. and some properties of field. * Naac work part A
29/09/2022 Thursday	10:30 to 11:30	BSc Hons.	* problems and introduction of finite and infinite field * Naac works part-A
30/09/2022 Friday	10:30 to 11:30	BSc Hons	* Introduction about the Vectorspace * Naac Works part-A
06/10/2022 Saturday	10:30 to 11:30.	III BSc Hons.	* Introduction and properties of vector space * Naac work. part-A.
08/10/22 Saturday	3:40 to 4:00	III BSc Hons.	* problems of vectorspace * Naac Work.

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Day / Date	Time	Class	Topics Covered and Work Done
11/10/2022 Tuesday	10:30 Am to 5:00 pm		* Admission related Works * Naac work (part-A works) →
13/10/2022 Thursday	10:30 to 11:30	BSC Hons	* problems of vectorspace * Naac Work. part-A.
14/10/2022 Friday	10:30 to 11:30	BSc Hons.	* problems of vectorspaces. * Naac Works - part A.
17/10/2022 Saturday	10:30 to 11:30	BSc Hons.	* Introduction about subspaces * Naac Work - part-A works * Department work →
18/10/2022 (Sunday)	10:30 to 5:00 pm		* Naac Work part-A. (Students Admission ledger works)
19/10/2022 Monday	3:00 to 4:00	BSc Hons.	* problems of subspaces. * Naac Work part-A [In compile word formate

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Day / Date	Time	Class	Topics Covered and Work Done
20/10/2022 Tuesday	10:30 to 12:30 A-5	BSc Hons. →	* problems of Subspace (2 Hrs) * Naac Work part-A * Naac criteria multiple of 55
21/10/2022 Wednesday	10:30 to 11:30	BSc Hons.	* criterion for a subset to be subspace. * NAAC part-A.
27/10/22 Thursday	10:30 to 11:30	BSc Hons	* Introduction about linear combination of vectors * Naac Work part-A.
28/10/22 Friday	10:30 to 11:30	BSc Hons.	* problems of linear combination of vectors. * NAAC part-A
29/10/2022 Saturday	10:30 AM 1:30 pm		* Naac Work part-A * Preparation for upcoming class.
31/10/22 Monday	3:00 to 4:00	BSc Hons.	* Definition of Linearly independent and dependent * Naac part-A.

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Day / Date	Time	Class	Topics Covered and Work Done
1/11/2022 Tuesday	10:30 to 11:30 12:30 to 11:30. 2:00 to 5:00	III BSc Hons III BSc VI PMCS	problems on gram-schmidt orthogonalization process Definition and example of groups. Test the convergence of the Sequence
02/11/2022 Wednesday	10:30 to 11:30 11:30 to 12:30 12:30-1:30	III B.Sc Hons III B.Sc	Similar matrices. problems on Areas of rectangles. Properties of group
03/11/2022 Thursday	10:30 - 11:30 12:30-1:30 2:00-5:00	III B.Sc Hons. III B.Com (C-E) V PMCS (Lab)	System of equations. problems on Area of triangles Test the convergence of Sequence using cauchy's criterion.
04/11/2022 Friday	10:30 to 11:30	III B.Sc Hons.	problems on System of equation. → NAAC Work → part-A
05/11/2022 Saturday	9:30 to 12:30 12:30 to 1:30	V PMCS (Lab) III B.Com Open elective	Test the convergence of Sequence using Cauchy criterion. problem on Area of sphere, Sombus. etc.
07/11/2022 Monday	10:30 to 1:30 3:00 to 4:00	V PMCS III B.Sc Hons	To find the root of the algebraic and transcendental equation by Bisection method. → Definition of linear transformation

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Day / Date	Time	Class	Topics Covered and Work Done
08/11/2022 Tuesday.	10:30 to 11:30 12:30 to 1:30 2:00 to 5:00	III B.Sc Hons II B.Sc V PMCS (Lab)	Problems on Linear transformation. Definition and examples of subgroup. Test the convergence of the series.
09/11/2022 Wednesday	10:30 to 11:30 11:30 to 12:30 12:30 to 1:30	III B.Sc Hons III B.Com O.E. II B.Sc	Definition of Kenel and Nullity problems on volume of cone → Group of permutation
10/11/2022 Thursday	10:30 to 12:30 12:30-1:30 2:00 to 5:00	II B.Sc Hons III B.Com V PMCS (Lab)	→ problems on more problems on inverse (Two → Volume of Cylinder → Test the convergence of the
12/11/2022 Saturday	9:30 to 12:30 12:30 to 1:30	V PMCS (Lab) III B.Com (O.E)	To find the Roots of A.E. and T.E by using Newton Raphson method. problems on Volume and Surface area of Sphere
14/11/2022 Monday.	10:30 to 11:30 3:00 to 4:00	V PMCS (Lab) III B.Sc Hons.	To test the convergence of the series by D'Alembert ratio test and Rhabe's test. problem of pseudo inverse
15/11/2022 Tuesday	10:30 to 11:30 12:30-1:30 2:00 - 5:00	III B.Sc Hons III B.Sc V PMCS (Lab)	problems of pseudo inverse → Even and odd permutation. → To test the convergence of the series by D-Alembert ratio test.

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Day / Date	Time	Class	Topics Covered and Work Done
16/11/2022 Wednesday	10:30 to 11:30 11:30 - 12:30 12:30 to 1:30	III B.Sc Hons. III B.Com O.E. III B.Sc	Problems on Kronecker Product. → Algebraic expression, definition examples and types. → order of an element of a group.
17/11/2022 Thursday	10:30 to 11:30 12:30 - 1:30 2:00 - 5:00	II B.Sc Hons III B.Com O.E V PMCS (Lab)	problems on Kronecker product → Definition and types of Polynomials. → To find the roots by Regula falsi method
18/11/2022 Friday	10:30 to 11:30	III B.Sc Hons.	Problems on caley hamilton theorem Part-A works
22/11/2022 Tuesday	10:30 to 11:30 12:30 to 1:30 2:00 to 5:00	III B.Sc Hons. III B.Sc V PMCS (Lab)	Algebraic multiplicity and Geometric multiplicity. problems on cyclic groups. To find the Sum of the Series.
24/11/2022 Thursday	10:30 to 11:30 12:30 - 1:30 2:00 to 5:00	III B.Sc Hons III B.Com O.E V PMCS (Lab)	→ Elementary matrices. Fundamental operations on algebraic expression → Newton Raphson method.
26/11/2022 Saturday	10:30 to 12:30 12:30 to 1:30	V PMCS III B.Com O.E	Runge-Kutta method. Factorisation. (problems)

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Day / Date	Time	Class	Topics Covered and Work Done
28/11/2022 Monday	10:30 to 12:30 3:00 – 4:00	V PMCs (Lab) III B.Sc Hons	To verify the given Ring is commutative (R) not. Characteristic polynomial and minimal polynomial
30/11/2022 Wednesday	10:30 to 11:30 11:30 to 12:30 12:30 – 1:30	III B.Sc Hons III B.Com III B.Sc	Problems on minimal polynomials. → Linear equations → Theorems on cyclic group
01/12/2022 Thursday	10:30 – 11:30 12:30 – 1:30 2:00 to 5:00	III B.Sc Hons III B.Com V PMCs (Lab)	→ Idempotent and Hermitian matrices. → problems on linear equa: → To evaluate the integral simpson 1/3rd rule
02/12/2022 Friday	10:30 to 11:30 2:00 to 5:00	III B.Sc Hons. —	Eigen value and Eigen vectors. * Department work →
03/12/2022 Saturday	9:30 to 12:30 12:30 to 1:30	V PMCs (Lab) III B.Com O.E	To evaluate integral by using simpson 3/8th rule Problems on Ages.
05/12/2022 Monday	10:30 – 12:30 3:00 – 4:00	V PMCs (Lab) III B.Sc Hons.	To checks the presence of unity element in the ring → problems on quadratic equation

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Day / Date	Time	Class	Topics Covered and Work Done
06/12/2022 Tuesday	10:30 to 11:30 12:30 to 1:30 2:00 to 5:00	III B.Sc Hons III B.Sc V PMCs (Lab)	Inner product space Definition and example of cosets To verify the ring is a field / not
07/12/2022 Wednesday	10:30 to 11:30 11:30 – 12:30 12:30 – 1:30	III B.Sc Hons. III B.Com O.E III B.Sc	Standard inner product space Problems on quadratic equation. Index of a subgroup.
08/12/2022 Thursday	10:30 to 12:30 12:30 to 1:30 2:00 to 5:00	III B.Sc Hons III B.Com V PMCs (Lab)	Problems on elementary matrices problems on direction test To find the laplace transform of the function
09/12/2022 Friday	10:30 to 11:30 ←	III B.Sc Hons. —	Problems on Elementary matrices Part-A work. →
12/12/2022 Monday	10:30 to 03:30 3:00 to 4:00	V PMCs (Lab) III B.Sc Hons	To verify the set is a subring (R) not Quadratic form.
13/12/2022 Tuesday	10:30 to 11:30 12:30 to 1:30 2:00 to 5:00	III B.Sc Hons III B.Sc V PMCs (Lab)	Problems on quadratic form. Lagrange theorem. To find the laplace transform of the function

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Day / Date	Time	Class	Topics Covered and Work Done
14/12/2022 Wednesday	10:30 to 11:30 11:30 – 12:30 12:30 to 1:30	III B.Sc Hons III B.Com III B.Sc	Write matrix from the quadratic form Direction problems. consequence of Lagrange's th
15/12/2022 Thursday	10:30 to 11:30 12:30 – 1:30 2:00 – 5:00	III B.Sc Hons III B.Com V PMCS (Lab)	Classification of quadratic form. problem on direction. To verify the function is
17/12/2022 Saturday	10:30 to 12:30 12:30 to 1:30	V PMCS (Lab) III B.Com O.E	homomorphism (a) n To find the inverse Laplace transform problems on direction.
19/12/2022 Monday	10:30 to 1:30 3:00 to 4:00	V PMCS Lab III B.Sc Hons	To verify the function is a homomorphism (a) not Definition of positive, negative definiteness.
20/12/2022 Tuesday	10:30 to 11:30 12:30 – 1:30 2:00 – 5:00	III B.Sc Hons. III B.Sc V PMCS (Lab)	Reducible to diagonal canonical form Normal subgroups. To verify the given polynomial
21/12/2022 Wednesday	10:30 – 11:30 11:30 – 12:30 12:30 – 1:30	III B.Sc Hons. III B.Com	is irreducible (a) reducible. Definition of signature, index and Rank. Problems on Relation

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Day / Date	Time	Class	Topics Covered and Work Done
22/12/2022 Thursday	10:30 – 11:30 12:30 – 1:30 2:00 – 5:00	III B.Sc Hons III B.Com V PMCS (Lab)	Problem for find signature Index and Rank. problem on Relation To evaluate integral using Simpson 3/8th rule
24/12/2022 Saturday	10:30 – 12:30 12:30 – 1:30	V PMCS (Lab) III B.Com (O.E)	To evaluate integral by Simpson 3/8th rule Venn – diagram problems
26/12/2022	10:30 – 12:30 3:00 – 4:00	V PMCS (Lab) III B.Sc Hons	To find the Zeros of the polyno problems on Ranks.
27/12/2022 Tuesday	10:30 – 11:30 12:30 – 1:30 2:00 – 5:00	III B.Sc Hons. III B.Sc V PMCS (Lab)	problems on Jordon canonical form quotient group. – definition. To find the Zeros of the given polynomial
28/12/2022 Wednesday	10:30 – 11:30 11:30 – 12:30 12:30 – 1:30	III B.Sc Hons III B.Com III B.Sc	problems on Jordon canonical form → problems on venn diagram. → definition of Homomorphism.
29/12/2022 Thursday	10:30 – 11:30 12:30 – 1:30 2:00 – 5:00	III B.Sc Hons III B.Com O.E V PMCS (Lab)	problems on Jordan form problem on venndiagram. To find the sum of the series

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Day / Date	Time	Class	Topics Covered and Work Done
30/12/2022 Friday	10:30 - 11:30	III B.Sc Hons.	problems on Jordon block
31/12/2022 Saturday	9:30 - 12:30	V PMCS (Lab)	To find the G.C.D. of any two polynomials
	12:30 - 1:30	III B.Com (O.E)	problems on venn diagram
02/01/2023 Monday	10:30 - 12:30	V PMCS (Lab)	To verify the function is homomorphism
	3:00 - 4:00	III B.Sc (Hons)	problem on seating Puzzle
03/01/2023 Tuesday	10:30 - 11:30	III B.Sc Hons	problems on Jordon cannonical form.
	12:30 - 1:30	III B.Sc	Kernel of homomorphism.
	2:00 - 5:00	V PMCS (Lab)	To solve first order ordinary differential equation by R
04/01/2023 Wednesday	10:30 - 11:30	III B.Sc Hons	problems on Elementary ma
	11:30 - 12:30	III B.Com O.E	problem on seating Puzzle
	12:30 - 1:30	IV B.Sc	Isomorphism - definition
05/01/2023 Thursday	10:30 - 11:30	III B.Sc Hons.	problems on inverse of matrix.
	12:30 - 1:30	III B.Com O.E	problems on seating Puzzle
	2:00 - 5:00	V PMCS (Lab)	To solve O.D.E. using Lap

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Day / Date	Time	Class	Topics Covered and Work Done
11/1/2023 Wednesday	10:30 - 11:30	III B.Sc (Hons)	problems on Eigen values
	11:30 - 12:30	II B.Com	problems on ages
	12:30 - 1:30	IV B.Sc	problems on isomorphism of a group
12/01/2023 Thursday	10:30 - 11:30	II B.Sc Hons.	Concept of spectral decomposition theorem.
	12:30 - 1:30	III B.Com O.E	problems on ages.
	2:00 - 5:00	V PMCS Lab	To find the Zeros of Polynomial
14/01/2023 Saturday	9:30 - 12:30	V PMCS Lab.	Laplace transform
	12:30 - 1:30	III B.Com (O.E)	problems on seating Puzzle
16/01/2023 Monday	10:30 - 1:30	V PMCS (Lab)	To find the sum of the Series
	3:00 - 4:00	III B.Sc Hons.	problems on Jordon cannonical form.
17/01/2023 Tuesday	10:30 - 11:30	III B.Sc Hons.	Revision and Seminars.
	12:30 - 1:30	III B.Sc	Automorphism, definition.
	2:00 - 5:00	V PMCS (Lab)	To find the G.C.D of two polynomials.
18/01/2023 Wednesday	10:30 - 11:30	III B.Sc Hons.	Revision and Seminars.
	11:30 - 12:30	III B.Com O.E	problems on Puzzle
	12:30 - 1:30	IV B.Sc	Fundamental theorem of homomorphism.

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Day / Date	Time	Class	Topics Covered and Work Done
07/02/2023 Tuesday	← NAAC part-A work → ← Department work →		
08/02/2023 Wednesday	11:30 to 12:30 ←	III B.Com (O.E) ←	Revision → and Seminars → NAAC Work →
09/02/2023 Thursday	12:30 to 1:30 ←	III B.Com (O.E) ←	← Revision → and Seminar → NAAC Work →
10/02/2023 Friday	←		Department work. NAAC part-A work →
11/02/2023 Saturday	12:30 to 1:30 2:00 to 5:00 ←	III B.Com (O.E) NAAC	← Revision and Seminars → Work →
13/02/2023 Monday	←	NAAC	Work →

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Day / Date	Time	Class	Topics Covered and Work Done
14/02/2023 Tuesday	← Department documentation work → ← part-A (NAAC Work) →		
15/02/2023 Wednesday	12:30 to 1:30 —	III B.Com O.E	→ Seminar → part-A work. → Department work (question paper prepare)
16/02/2023 Thursday	10:00 to 1:00 → 2:00 to 5:00 → 5:00 to 6:00 →	→	Internal practical exam duty practical exam duty. NAAC Work
17/02/2023 Friday	—	—	External duty in St Joseph first grade college mysore
20/02/2023 Monday	10:00 am to 6:00 pm	—	NAAC → part-A work →
21/02/2023 Tuesday	—	—	Practical exam duty as an external in St. Joseph first grade college mysore

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Day / Date	Time	Class	Topics Covered and Work Done
22/02/2023 Wednesday	10:00 AM to 6:00 PM	—	NAAC Work and Department work.
23/02/2023. Thursday	10:00 AM to 6:00 PM	—	NAAC Work and Department work
08/03/2023 Wednesday	← NEP Exam duty →		
09/03/2023 Thursday	← Complete day Department work →		NAAC Work and
25/03/2023, Saturday and	27/03/2023 Monday		Exam duty →
28/03/2023. Tuesday	10:00 AM to 6:00 PM	—	Department work Students nominal roll work →

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WORK DIARY OF

SHAKUNTHALA

DEPARTMENTMENT OF ZOOLOGY

EVEN SEMESTER

2022-2023

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 17/04/23			Commencement of II, IV & VI Sem classes
	10.30-11.30	IV	Introduction to theory paper
	11.30-12.30		Preparations to conduct Practicals.
	12.30-1.30	VI	Introductions to Elective papers 1 & 2.
	2-5	IV	Introduction to Practical Syllabus.
Tuesday 18/04/23	10.30-11.30		NAAC - DVV WORK
	11.30-12.30		NAAC - DVV WORK.
	12.30-1.30	II	Introduction to theory paper
	2-5		NAAC - DVV WORK.
Wednesday 19/04/23	10.30-11.30	IV	Introduction to Gene technology
	11.30-12.30		NAAC - DVV WORK
	12.30-1.30		NAAC - DVV WORK
	2-5	VI	Introduction to Practical Syllabus.
Thursday 20/04/23	10.30-11.30	VI	Introduction to Ecology
	11.30-12.30		NAAC - DVV WORK
	12.30-1.30	II	Introduction to Biomolecules
	2-5		NAAC - DVV WORK
Friday 21/04/23	10.30-11.30		Preparation to conduct Practical classes
	11.30-12.30		NAAC WORK
	12.30-1.30		Meeting with Principal
	2-5		NAAC WORK
Saturday 22/04/23			
			Holiday (Ramzan)
			[Attended Election training at Maharaja college.

Signature

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 24/04/23	10 - 11.30		Indowment Committee work
	11.30-12.30	II	Carbohydrates
	12.30 - 1.30		Endowment committee work
	2 - 5	IV	Biostatistics Problems - Median, Mean
Tuesday 25/4/23	10.30-11.30	VI	Atmosphere and hydrosphere
	11.30-12.30	IV	Immunology
	12.30-1.30		Department NAAC PPT Preparation
	2 - 5	VI	Animal association - B1
Wednesday 26/4/23	10.30-11.30	IV	Applications of Genetic Engineering
	11.30 - 12.30		Admission work
	12.30 - 1.30	VI	Lithosphere, Biosphere & Ecosystem
	2 - 5	VI	Animal association - B2
Thursday 27/04/23	10.30 - 11.30	VI	Positive interaction
	11.30 - 12.30		Admission work
	12.30 - 1.30	II	Carbohydrates
	2 - 5	VI	Admission duty in Central office
Friday 28/04/23	10.30 - 11.30		Endowment Committee work
	11.30 - 12.30		Endowment Committee work
	12.30 - 1.30	VI	Biotic factors
	2 - 5		Department NAAC PPT Presentation
Saturday 29/04/23	10.30 - 11.30	II	Carbohydrates
	11.30 - 12.30		Affiliation work
	12.30 - 1.30	VI	Abiotic factors

Signature

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 01/05/23			Holiday (on account of Labour Day)
Tuesday 02/05/23			(Election to the legislative Assembly) Election training at Maharaja college, Mysuru
Wednesday 03/05/23	10.30-11.30	IV	Transgenic animals
	11.30 - 12.30		Affiliation work
	12.30 - 1.30	VI	Light & Temperature as abiotic factor
	2 - 5	VI	Negative animal association
Thursday 04/05/23	10.30-11.30		Endowment Committee work
	11.30 - 12.30	IV	Transgenic plants
	12.30 - 1.30		Endowment committee work
	2 - 5		Admission duty at Central office
Friday 05/5/23	10.30-11.30		Endowment committee work
	11.30-12.30		Endowment Committee work
	12.30 - 1.30	VI	Topographic factors
	2 - 5		Vermiculture unit (Bedding Preparations)
Saturday 06/5/23	10.30-11.30		Department stock verification
	11.30-12.30		Department Stock verification
	12.30 - 1.30	VI	Positive & Negative animal association

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WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 08/05/23	10.30 - 11.30		Specimen arrangement in the museum
	11.30 - 12.30	II	Lipids
	12.30 - 1.30		Specimen arrangement in the museum
	2 - 5	IV	Bar diagram, Histogram & Pie chart
Tuesday 09/05/23			Election duty (As Presiding Office (Election to the Legislative Assembly)
Wednesday 10/05/23			Election duty (As Presiding offic
Thursday 11/05/23	10.30 - 11.30		Preparation to conduct Practicals
	11.30 - 12.30	IV	Production of Human Recombinant Insulin
	12.30 - 1.30		Admission duty at Central office
	2 - 5		Admission duty at Central office
Friday 12/5/23	10.30 - 11.30		NAAC work (Department)
	11.30 - 12.30		NAAC work
	12.30 - 1.30	VI	Nitrogen cycle
	02 - 5		Admission duty at Central office
Saturday 13/5/23	10 - 11.30		Admission duty
	11.30 - 12.30		Admission duty
	12.30 - 1.30	VI	Nitrogen & Phosporous cycle

Signature

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 15/5/23	10 - 11.30		NAAC work
	11.30 - 12.30	II	Lipids
	12.30 - 1.30		Preparations to conduct Practicals
	2 - 5	IV	Chi-square & Student t test
Tuesday 16/5/23	10.30 - 11.30	VI	Food chain
	11.30 - 12.30		Admission duty
	12.30 - 1.30	II	Lipids
	2 - 5	VI	Aquarium
Wednesday 17/5/23	10.30 - 11.30	IV	Hybridoma technology
	11.30 - 12.30		AQAR 2021-22 work
	12.30 - 1.30	VI	Food chain & Food web
	2 - 5	VI	Aquarium
Thursday 18/5/23	10.30 - 11.30		Admission duty
	11.30 - 12.30	IV	Gene Therapy, Biosensors
	12.30 - 1.30		Prevention of Sexual harassment committee work.
	2 - 5		Admission duty
Friday 19/5/23	10.30 - 11.30		Result analysis of V Sem DSE
	11.30 - 12.30		Result analysis of V sem SEC
	12.30 - 1.30	VI	Ecological pyramid.
	2 - 5		Admission work.
Saturday 20/5/23			Casual leave

Signature

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 22/5/23	10-11.30		AQAR - (2021-22) Work)
	11.30-12.30	II	Proteins
	12.30-1.30		AQAR Submission Work.
	2-5		ABO Blood group
Tuesday 23/5/23	10.30-11.30	VI	Ecological pyramid
	11.30-12.30		Admission work.
	12.30-1.30	II	Proteins
	2-5	V	Study of Pond ecosystem
Wednesday 24/5/23	10.30-11.30	IV	Defence against diseases
	11.30-12.30		Admission work
	12.30-1.30	VI	Population & Community ecology.
	2-5	VI	Study of Pond ecosystem
Thursday 25/5/23	10-11.30		Invitation Preparation for Endowment Distribution
	11.30-12.30	IV	Types of Immunity
	12.30-1.30		Admission duty
	2-5		Admission duty
Friday 26/5/23	10-11.30		Academic excellence award ceremony Preparati
	11.30-12.30		Meeting with Principal (Endowment Committe
	12.30-1.30	VI	Population ecology
	2-5		Preparations to organize Academic Excellence ceremo Award
Saturday 27/5/23	10.30-11.30	II	Proteins
	11.30-1.30		Academic Excellence Award Ceremony
	2-5		Affiliation work.

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WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 29/5/23	10-11.30		Admission duty
	11.30-12.30	II	Enzyme action and regulation
	12.30-1.30		Preparations for Practicals.
	2-5	IV	ABO Blood group
Tuesday 30/5/23	10.30-11.30	VI	Community ecology.
	11.30-12.30		Department NAAC work
	12.30-1.30	II	Enzymes
	2-5	VI	Estimation of CO_2 in the sample.
Wednesday 31/5/23			Casual leave
Thursday 01/6/23			Casual leave
Friday 02/6/23	10-12.30		Invitation Preparations to organize special lectur
	12.30-1.30	VI	Ecosystem
	2-5		Preparations to organize special lectur
Saturday 03/6/23	10-12.30		Preparations to organize Special lecture
	12.30-1.30	VI	Population & Community ecology.

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WORK DAIRY
OF
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Day & Date	Time	Sem	Topics covered
Monday 05/6/23	10.30-11.30		Special lecture by Dr Basavarajappa
	11.30-12.30		Environmental day Celebration
	2-5	IV	ABO Blood group.
Tuesday 06/6/23	10.30-11.30	VI	Community ecology. Ecosystem
	11.30-12.30		Admission work.
	12.30-1.30	II	Enzymes.
	2-5	VI	Estimation of Co_2 - Batch-1
Wednesday 07/06/23	10.30-11.30	IV	Role of B and T lymphocytes
	11.30-12.30		IA committee work
	12.30-1.30	VI	Physico-chemical nature of ecosystem
	2-5	VI	Estimation of Co_2 - Batch-2.
Thursday 08/6/23	10-11.30		Criteria-IV NAAC work
	11.30-12.30	IV	Thymus and bone marrow.
	12.30-1.30		Criteria-IV NAAC work.
	2-5		Admission duty
Friday 9/6/23	10-11.30		IA Committee work
	11.30-12.30		
	12.30-1.30	VI	Biomes
	2-5		IA Committee work
Saturday 10/6/23	10-11.30		Collection of Question papers to
	11.30-12.30		Conduct IA test.
	12.30-1.30	VI	Forest biome

Signature

WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 12/6/23	10-11.30		
	11.30-12.30	II	Mechanism of Enzyme action.
	12.30-1.30		
	2-5	IV	Polyacrylamide gel electrophoresis (PAGE)
Tuesday 13/6/23	10.30-11.30	VI	Grassland biome & Desert biome
	11.30-12.30		
	12.30-1.30	II	Enzyme kinetics
	2-5	VI	Estimation of Co_2 (Titration)
Wednesday 14/6/23	10-5		IA test and NAAC work
Thursday 15/6/23	10-5		IA Test and NAAC work
Friday 16/6/23	10-5		IA Test and NAAC work
Saturday 17/6/23	10-12.30		IA test
	12.30-1.30	VI	Pollution

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WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 19/6/23	10 - 11.30		Admission duty
	11.30 - 12.30	II	Circulation
	12.30 - 1.30		Preparations to conduct Practicals
	2 - 5	IV	Detection of mutation using PCR
Tuesday 20/6/23	10.30 - 11.30	VI	Soil Profile
	11.30 - 12.30		NAAC work
	12.30 - 1.30	II	Hemopoiesis
	2 - 5	VI	Estimation of chloride
Wednesday 21/6/23	10.30 - 11.30	IV	Antigens and antibodies.
	11.30 - 12.30		NAAC work
	12.30 - 1.30	VI	Physico-chemical nature of ecosystem
	2 - 5	VI	Estimation of chloride.
Thursday 22/6/23	10 - 11.30		IA Evaluation
	11.30 - 12.30	IV	Structure of MHC I & II
	12.30 - 1.30		IA Evaluation
	2-5		Admission duty
Friday 23/6/23	10 - 11.30		Student seminar
	11.30 - 12.30		Setting of QP
	12.30 - 1.30	VI	characteristic fauna of Grassland biome
	2 - 5		Student Seminar
Saturday 24/6/23	10 - 11.30		Department profile and
	11.30 - 12.30		Faculty Profile Preparation
	12.30 - 1.30	VI	Characteristic fauna of forest biome

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WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 26/6/23	10 - 11.30		Cultural event Preparations
	11.30 - 12.30	II	Blood Pressure & Cardiac output
	12.30 - 1.30		"Sharadotsava" event circular Preparation
	2 - 5	IV	To learn nucleotide sequence
Tuesday 27/6/23	10.30 - 11.30	VI	Student Seminar.
	11.30 - 12.30		Preparations to organize special lecture
	12.30 - 1.30	II	Excretion
	2 - 5	VI	Hardness of water
Wednesday 28/6/23	10.30 - 11.30		Special lecture organized by
	11.30 - 12.30		library and Information Centre
	12.30 - 1.30	VI	Air Pollution
	2 - 5	VI	Hardness of water
Thursday 29/6/23	Holiday (Bakrid)		
Friday 30/6/23	10 - 12.30		Admission duty
	12.30 - 1.30	VI	Air & Water Pollution
	2 - 5		NAAC work (Preparation of IQAC final report)
Saturday 01/6/23	10 - 11.30		Preparations to organize cultural Competitions
	11.30 - 12.30		Brochure Preparation
	12.30 - 1.30	VI	Zoogeographical realms.

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WORK DAIRY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 03/07/23	10 - 11.30		Invitation distribution for Sharadothsava
	11.30-12.30	II	Structure of neuron
	12.30-1.30		Invitation distribution for Sharadothsava
	2 - 5		Practical IA test B1
Tuesday 04/07/23	10.30-11.30	VI	Wild life depletion
	11.30-12.30		NAAC WORK
	12.30-1.30	II	Resting membrane Potential
	2-5		Practical IA test B-2
Wednesday 05/7/23	10.30-11.30	IV	B-cell and T-cell epitopy
	11.30-12.30		Programme list Puparation.
	12.30-1.30	VI	Wildlife Conservation
	2-5		Rehersal (cultural Programme
Thursday 6/7/23	10 - 11.30		Ethnic day Preparations.
	11.30-12.30	IV	Biosensors and its applications
	12.30-1.30		Meeting with Class representatives.
	2-5		"Commerce Fest" Invited as Judge.
Friday 7/7/23	10-5		Intercollege Literary and cultural Competitions and Ethnic day
Saturday 8/7/23	10-3		"Sharadothsava" Annual fest At Centenary hall

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WORK DIARY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 10/7/23	10 -11.30		Practical exam Time-table Preparations
	11.30-12.30	II	Origin of Action Potential
	12.30-1.30	IV	Structure of MHC - I & II.
	2-5		"Sharadothsava" Report Preparation
Tuesday 11/7/23	10 -11.30		NAAC WORK
	11.30-12.30		NAAC WORK
	12.30-1.30	II	Endocrine glands
	2-5		Time-table Preparations
Wednesday 12/7/23	10.30-11.30	IV	Biostatistics.
	11.30-12.30		ICC cell WORK
	12.30-1.30		
	2-5		"Sharadothsava" bill submission
Thursday 13/7/23	10 - 1.30		II sem & IV sem Attendance entry
	2 - 5		II sem & IV sem IA marks entry
Friday 14/7/23	10 -1.30		IQAC annual report Preparation
	2 - 5		Practical exam preparation
Saturday 15/7/23			Spcl (practical exam duty in CFRC, KR Nagar)

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 17/7/23	9.30-1.30	VI	Practical exam - B4
	1.30-4.30	VI	Practical exam - B2
	4.30-6		Evaluation and Marks entry.
Tuesday 18/7/23	9.30-1.30	VI	B3- Practical exam
	2-5		Preparation to conduct NEP Practical exams
Wednesday 19/7/23	9.30-1.30	II	Practical exam - B5
	1.30-4.30	IV	Practical exam - B5
	4.30-6		Evaluation and Marks entry
Thursday 20/7/23			Spcl Practical exam duty at Tarsian degree college, Mysuru
Friday 21/7/23	10-1.30		Practical exam workdone statement Preparation.
	2-5		IQAC - Annual report Preparation
Saturday 22/7/23	10-11.30	II	II sem notes Preparation
	11.30-1.30		IQAC - Annual report Preparation.

Signature

Signature of Principal
Principal

WORK DIARY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 24/7/23	10-1.30		Cultural Paper Practical batch Preparation.
	2-5		Stockroom Cleaning.
Tuesday 25/7/23	10-1.30		NAAC work
	2-5		Documents verification in Commerce and M.Sc chemistry dipartments.
Wednesday 26/7/23	10-1.30		Specimen arrangement for NAAC peer team visit
	2-5		Department NAAC documents Preparation
Thursday 27/7/23	10-1		Cultural paper Practical exam for B.com and BBA students
	1.30-4.30		Practical exam marks entry in VUCMS 2nd
	4.30-5.30		
Friday 28/7/23	10-1.30		Annual report Preparation
	02-5		Cultural Program Preparation for NAAC.
			Last working day
Saturday 29/7/23			Holiday (Moharam)

Signature

Signature of Principal

WORK DIARY
OF
SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday			
Tuesday			
Wednesday			
Thursday 15/9/22	10 - 11.30		Attendence preparation
	11.30-12.30	I	Structure of animal cell
	12.30-1.30		Department NAAC work
	2 - 5		NAAC work.
Friday 16/9/22	10 - 12.30		Chemical arrangement
	12.30-1.30	I	Plasma membrane
	2 - 5		NAAC work
Saturday 17/9/22	10-11.30		Chemicals preparation to conduct
	11.30-12.30		I sem Practicals
	12.30-1.30	I	Functions of Plasma membrane

Signature

SARADA VILAS COLLEGE, MYSURU
TIME TABLE FOR THE YEAR 2022-2023 (ODD SEMESTER)
DEPARTMENT OF ZOOLOGY

Smt. SHAKUNTHALA

Day	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.0	2.0- 3.0	3.0-4.0	4.0- 5.0	5.0-6.0
MON	III ZL		V ZL	LUNCH	<---------- III Sem ----------			
TUE	V ZL		I ZL		<---------- V Sem B1 ----------			
WED			V ZL		<---------- V Sem B2 ----------			
THU		III ZL		BREAK				
FRI			V ZL					
SAT	I ZL							

Theory= 08 hours
Practical = 12 hours
Total= 20 hours

Principal
Sarada Vilas College
Mysuru - 570 004

Month	Content to cover (DSE 1A: BIOCHEMISTRY AND APPLIED ZOOLOGY (ELECTIVE 1))	Hours
Month 1	UNIT I- 1- Carbohydrates: Definition and classification: biological importance of monosaccharaides (glucose, fructose, ribose, deoxyribose), disachharides (sucrose, lactose, maltose), and polysachharides (homopolysachharides- starch, glycogen, dextrin and heteropolysachharides-heparin, chondrotin sulphate, hyaluronic acid, glucoronic acid). 2.Proteins: Elementary classification of amino acids: Simple and conjugated proteins with examples; Primary, secondary, tertiary and quaternary structure of proteins with haemoglobin as example, Biological importance of proteins. 3.Lipids: Defination and classification; biological importance of phospholipids, neutral lipids and Glycolipids; Clinical importance of lipids- lipid profile of blood. UNIT-II - 1.Nucleic Acids: Classification and structure of DNA and RNA. Watson and Crick model of DNA, cloverleaf model of t-RNA.	16
Month 2	2.Enzymes: Classification, properties, mechanism of enzyme action- induced fit theory; factors affecting enzyme action, Co enzymes and inhibitors, biological importance of enzymes. 3.Vitamins: Classification; Source, importance, daily recommended dosage and deficiency diseases of fat soluble and water soluble vitamins. APPLIED ZOOLOGY - UNIT I - Purposes and definitions of poultry, dairy, piggery, fishery, vermiculture, apiculture, pearl culture and aquaculture Sericulture: Morphology and life cycle of Bombyx mori, rearing up to cocoon stage, nonmulberry silkworms. Vermiculture: Types of vermiculture, Different species of earthworms used for vermiculture. Composition of vermicompost and its importance. Culture practice of Indian major carps, Pearl formation.	16
Month 3	UNIT II - Pests, Parasites and Vectors 10hr 1. Insects as pests – on food (cereals, pulses, coffee,) and vegetable (Cauli flower) crops . (One example for each with description of part of the plant affected and economic loss) 2.Parasitic protozoa (entamoeba), nematodesAnclyostoma), helminthes(tape worm) and their human diseases (symptoms of diseases, mode of transmission, control measures) 3.Vectors: Mosquitoes, ticks, mites, cockroaches, rat and their human diseases.	16
Month 4	UNIT III- Wild life a. Uniqueness of Indian wildlife, Important fauna of Indian forests; b. Endangered, threatened, vulnerable, rare and extinct species (definitions with examples), Red data book, green data book. c. Biodiversity hotspots- meaning, Salient features of biodiversity hotspots of India UNIT IV - Biostatics Introduction – tabulation of data. Bar diagram, Histogram. Frequency distribution – mean, median and mode. Standard deviation and standard error. Chi-square test with problems.	16

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 19/9/22	10-12.30		Practical exam workdone statement
	12.30-1.30		Preparation
	2-5		Circular preparation for cultural exam
Tuesday 20/9/22	10-1.30		Study material Preparation
	2-5		NAAC work
Wednesday 21/9/22	10-1.30		PPT Preparation
	2-5		cultural committee work.
Thursday 22/9/22	10-11.30		NAAC work
	11.30-12.30	I	Endomembrane system
	2-5		Cultural paper exam preparation.
Friday 23/9/22			
	12.30-1.30	I	Protein targetting
	2-5		Cultural paper - Practical examination
Saturday 24/9/22			
	10-1.30		Student progression report preparation.

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 26/9/22	10-1.30		NAAC work.
	2-5		Arrangement for field visit
Tuesday 27/9/22	10-5		Field visit to CFTRI Mysuru
Wednesday 28/9/22	10-1.30		Arrangement of Specimens in the Museum
	2-5		NAAC work (SSR work)
Thursday 29/9/22	10-11.30		Department library work
	11.30-1.30	I	Endomembrane system
	2-5		NAAC work
Friday 30/9/22	10-12.30		Departmental library work.
	12.30-1.30	I	Endomembrane System
	2-5		NAAC work.
Saturday 01/10/22			Department of Collegiate Education declared Holiday from 01/10/22 to 09/10/22

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 03/10/22	10-1		NAAC work
	1.30-5.30		Exam - Room invigilation duty
Tuesday 04/10/22			Dasara [Ayudhapooja] holiday
Wednesday 05/10/22			Vijayadhashami holiday
Thursday 06/10/22			Holiday
Friday 07/10/22			Holiday
Saturday 08/10/22			Holiday

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 10/10/22	10 - 11.30 11.30 - 12	I	Structure of Animal cell
	2 - 5		Preparations to organize valedictory & Student forum
Tuesday 11/10/22	10 - 5		Evaluation at Maulya Bhavan [SPCI]
Wednesday 12/10/22	10 - 5		[SPCI] Evaluation at Maulya Bhavan
Thursday 13/10/22	10 - 5		[SPCI] Evaluation at Maulya Bhavan
Friday 14/10/22	10 - 5		[SPCI] Evaluation at Maulya Bhavan
Saturday 15/10/22	10-1.30		Time table Committee work

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 17/10/22			Commencement of III rd & V th Sem classes
	10.30-11.30 11.30 - 12 2 - 6	V	Introduction to Biochemistry NAAC Work MODs meeting with Principal
Tuesday 18/10/22	10.30-11.30 11.30-12.30 12.30-1.30 2-5	V III	Syllabus discussion Syllabus discussion NAAC work PG-CET Question bank Preparation
Wednesday 19/10/22	10.30 11.30 11.30 12.30 2 - 5	III V	Practical syllabus discussion Practical syllabus discussion Preparations to Conduct Practical classes
Thursday 20/10/22	11.30-12.30 12.30-1.30 2 - 5	I	Introduction to Genetics. Preparations for Inauguration of PGCET Inauguration of Life Science PG-CET CRASH Course
Friday 21/10/22	10.30 11.30 12 - 2 2.30 - 5	V	Introduction to Carbohydrates "Ethology & Evolution" - Session-4 [PG-CET] Cultural committee reports & activities data submission
Saturday 22/10/22	10.30-12 12 - 1.30		"Zoology" - Session-7 [PG-CET] Time table soft copy preparation

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 24/10/22			"Narara Chaturdashi" Holiday
Tuesday 25/10/22			casual leave
Wednesday 26/10/22			"Deepavali" Holiday
Thursday 27/10/22	10.30-11.30	V	Introduction to "Bee keeping"
	11.30-1.30		Criteria IV NAAC WORK
	2-5		Preparations to Conduct Practical class
Friday 28/10/22	11.30-12.30	III	Genetic code
	12.30-1.30	V	Introduction to Carbohydrates
	2-5		Criteria - IV submission [NAAC]
Saturday 29/10/22	10-12.30		Department activities sayfapy & Hardcopy submission for NAAC.
	12.30-1.30	V	Classification of Carbohydrates

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 31/10/22	10.30-11.30	III	Genetic code
	11.30-1.30		Audit reports [Expenditure calculation for NAAC]
	2-5		NAAC WORK
Tuesday 01/11/2022			"ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ" ಆಚರಣೆ Continued ರಜೆ
Wednesday 02/11/2022	10-11		IQAC Circulars Preparation
	11-1.30		Result analysis of VI Sem Zoology 21-22
	2-5	V	Morphology of Bombyx mori - Practical B1
Thursday 03/11/2022	10.30-11.30	I	Biological importance of Glucose
	11.30-1.30		Preparation of IV^th Sem Result Analysis
	2-5		Criteria - IV WORK
Friday 04/11/2022	10-11.30		Preparations to conduct III sem Practicals.
	11.30-12.30		Kannada rajyothsava celebration.
	12.30-1.30	V	Sucrose and Fructose
	2-5		Criteria - IV SSR WORK
Saturday 05/11/2022	10.30-11.30	I	Monohybrid cross
	11.30-12.30		Preparations to organize Lifescience workshop
	12.30-1.30	V	Maltose

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 07/11/22	10.30-11.30	III	Cistron, Recon, Muton
	12.30-1.30	V	Heteropolysaccharides
	2-5	III	To study Principle & Application of Lab equipment
Tuesday 08/11/22		Spcl	Evaluation at Parirsha Bhavan
Wednesday 09/11/22		Spcl	Evaluation at Parisha Bhavan
Thursday 10/11/22	10-11.30		Cultural committee work
	11.30-12.30	III	DNA polymerase types.
	2-5		Preparations to form "Student forum"
Friday 11/11/22			Kanakadasa Jayanthi (Holiday)
	12.30-1.30	V	Proteins (special class).
	2-5		Preparations to conduct Practicals.
Saturday 12/11/22	10.30-11.30	I	Basic Principles of heredity
	10-10.30		NAAC work.
	12.30-1.30	V	Non-essential amino acids

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 14/11/22	10.30-11.30	III	Transcription
	12.30-1.30	V	Proteins - Introduction
	2-5	III	To study Principle & applications of Lab equipments
Tuesday 15/11/22	10.30-11.30	V	Essential amino acids
	11.30-12.30		Meeting with Principal
	12.30-1.30	I	Tr. Pressivity
	2-5	V	Equipments used in Sericulture
Wednesday 16/11/22	10-12.30		Meeting with Registration & Stage Committee
	12.30-1.30	V	Biological importance of Proteins
	2-5	V	Equipments used in Sericulture.
Thursday 17/11/22	10.30-11.30		NAAC PPT Preparation
	11.30-12.30	III	Transcription
	12.30-1.30		NAAC PPT Preparation (criteria-IV)
	2-5		IIQA - NAAC work.
Friday 18/11/22	10.00-12.30		Alumni meet - preparations
	12.30-1.30	V	Nucleic acids
	2-5		Workshop Invitation Preparation
Saturday 19/11/22	10.30-12.30	I	Sex linkage
	11.30-1.30		Preparations to organize "Alumni meet - Samgama-2022"

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 05/12/2022	10:30-11:30	III	DNA Replication
	11:30-12:30		NAAC WORK
	12:30-1:30	V	Chemical Nature of DNA & RNA
	2-5	III	Isolation of DNA by Rapid method
Tuesday 06/12/2022	10:30-11:30	V	Clover leaf model of t-RNA.
	12:30-1:30	I	Sex linkage in Man
	2-5	V	Bar diagram, Histogram
Wednesday 07/12/2022	10:30-11:30	III	Agarose Gel Electrophoresis.
	12:30-1:30	V	Enzymes - nomenclature
	2-5	V	Qualitative analysis of Carbohydrates
Thursday 08/12/2022	10:30-11:30	V	Enzymes - Classification
	11:30-12:30	III	Ph-meter
	12:30-1:30	I	Sex influenced & Sex limited characters
	2-5		NAAC WORK
Friday 09/12/2022	10-12:30		Preparations to conduct Practicals
	12:30-1:30	V	Induced fit hypothesis.
	2-5	I	Drosophila mutants.
Saturday 10/12/2022	10:30-11:30	I	Introduction to Dosage Compensation
	11:30-1:30		Preparations to conduct IA Test.

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 12/12/22	10-5		IA Test
Tuesday 13/12/22	10-5		IA Test
Wednesday 14/12/22	10-5		IA Test
Thursday 15/12/22	10-12		IA Test.
	12:30-1:30	I	Interaction between genes & Environment.
	2-5		Preparation to organize Inauguration Programme
Friday 16/12/22	10-1:30		"Inauguration of Student Forum"
	2-5		NAAC WORK.
Saturday 17/12/22	10:30-11:30	I	Sex determination in Drosophila
	11:30-1:30		Criteria - IV NAAC Work

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 19/12/22	10.30-11.30	III	Centrifuge
	12.30-1.30	V	Vitamins [Introduction]
	2-5	III	Chromatography
Tuesday 20/12/22	10.30-11.30	V	Vitamins [Types]
	12.30-1.30	I	Bacteria
	2-5	V	Demonstration of Vermiculture
Wednesday 21/12/22	10-12.30		Vermiculture unit Preparation.
	12.30-1.30	V	vitamins
	2-5	V	Demonstration of Vermiculture.
Thursday 22/12/22	10-11.30		Study makrial Preparation.
	11.30-12.30	III	Colorimetry
	2-5		NAAC work
Friday 23/12/22	10-12.30		Question Bank Preparation
	12.30-1.30	V	Introduction to Applied Zoology.
	2-5	I	Drosophila mutants.
Saturday 24/12/22	10.30-12.30	I	Sex determination
	11.30-1.30		RH
			(Christmas Eve)

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 26/12/22			CL
Tuesday 27/12/22			CL
Wednesday 28/12/22			CL
Thursday 29/12/22			CL
Friday 30/12/22	10-12.30		chemical preparations
	12.30-1.30	V	Poultry, diary, piggery
	2-5		NAAC work
Saturday 31/12/22	10.30-11.30	I	Sex-linked characters.
	11.30-1.30		Department work (file)

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 16/1/13	10.30-11.30	III	SDS-PAGE
	12.30-1.30	V	Importance of vermicompost, poultry
	2-5	III	Demonstration of Centripugation
Tuesday 17/1/13	10.30-11.30	V	Culture practice of Indian carps
	12.30-1.30	I	Sex-linked characters
	2-5	V	Qualitative test to detect lipids
Wednesday 18/1/13	10-12.30		Study material Preparation.
	12.30-1.30	V	Pearl formation, Pests
	2-5	V	Qualitative test to detect lipids
Thursday 19/1/13	10-11.30		Arrangement for Field visits.
	11.30-12.30	III	DNA Sequencing
	2-5		Arrangement for Field visits Two days
Friday 20/1/13	10-12.30		Study tour [to visit Wayanad
	12.30-1.30	V	Wildlife sanctury, Kerala]
	2-5		
Saturday 21/1/13	10.30-11.30	V	(All V semester students)
	11.30-1.30		Study tour to Kerala Malabar
			Botanical Garden.

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 23/1/13	10.30-11.30	III	PCR
	12.30-1.30	V	Pests & Parasites
	2-5	III	Estimation of protein by Lowry's method
Tuesday 24/1/13	10.30-11.30	V	Parasitic Protozoa.
	12.30-1.30	I	cytoplasmic inheritance.
	2-5	V	Qualitative test to detect abnormal culture.
Wednesday 25/1/13	10-12.30		NAAC work.
	12.30-1.30	V	Vectors
	2-5	V	Qualitative test to detect abnormal urine.
Thursday 26/1/13	10-11.30		Field trip report Preparation.
	11.30-12.30	III	DNA fingerprinting
	2-5		NAAC work.
Friday 27/1/13	10-12.30		Question Bank - Preparation.
	12.30-1.30	V	Wild life.
	2-5		Record Correction
Saturday 28/1/13	10.30-11.30	I	Genetic maternal effect.
	11.30-1.30		Record Correction

Signature

Signature of Principal
Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 30/01/23	10.30-11.30	III	I/ISA
	12.30-1.30	V	Biodiversity hotspots
	2-5	III	Practical IA Test
Tuesday 31/01/23	10.30-11.30	V	Biostatistics.
	12.30-1.30	III	Southern & Northern Blotting
	2-5	V	Record Certification
Wednesday 01/02/23	10-12.30	V	Red data book
	11.30-1.30		NAAC work
	2-5	V	Record Certification
Thursday 02/02/23	10-11.30	V	Biostatistics
	11.30-12.30	III	Western blotting
	2-5		NAAC work.
Friday 03/02/23	10-12.30		NAAC work
	12.30-1.30	V	Vectors
	2-5		NAAC work
Saturday 04/02/23	10.30-11.30	I	Revision
	11.30-1		NAAC work

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 6/2/23	10.30-11.30	III	Sanger's Didioxy method
	12.30-1.30	V	Salient features of biodiversity hotspots.
	2-5	III	Revision
Tuesday 7/2/23	10.30-11.30	V	Endemic species.
	12.30-1.30	III	Centrifugation
	2-5	V	Practical IA
Wednesday 8/2/23	10-11.30		Arrangement of chemicals to conduct
	11.30-1.30		Practical IA test for B_2
	2-5	V	Practical IA.
Thursday 9/2/23	10-11.30	V	Revision class
	11.30-12.30	III	High speed & ultracentrifugation
	2-5		NAAC work.
Friday 10/2/23	10-12.30		Arrangement of Specimens in the Museum
	12.30-1.30	V	Biostatistics
	2-5		Arrangement of Specimens in the Museum
Saturday 11/2/23	10.30-11.30	I	Question Banks - Revision
	11.30-1.30		NAAC work

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

WORK DIARY

OF

SHAKUNTHALA

Day & Date	Time	Sem	Topics covered
Monday 20/2/23			OOD
			[External examiner of Zoology Practical examination].
Tuesday 21/2/23	10-1		NAAC work [commencement of I Sem theory exams]
	1.30-5		OS duty in I st Sem theory exam
Wednesday 22/2/23	10-1.30		NAAC work
	2-5		OS duty in I st sem examinations
Thursday 23/2/23			
	10-5		Criteria - 4 (SSR) uploading work.
Friday 24/2/23	10-1.30		Preparations to Conduct Practical exam
	2-5		Preparations to conduct Practical exam
Saturday 25/2/23	9.30-12.30	III	Practical exam for III Semester
	12.30-1.30		Marks entry.

Signature

Signature of Principal

Principal
Sarada Vilas College
Mysore-570004

DEPARTMENT OF KANNADA

WORK DIARY

Dr. REKHA. H.L
HOD & Assistant professor

EVEN SEMESTER

2022-2023

ಪಾಠ ಯೋಜನೆ 2023–2024
ಎರಡನೇ ಸೆಮಿಸ್ಟರ್

ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
ಏಪ್ರಿಲ್	05	[illegible], [illegible]
ಮೇ	13	[illegible], [illegible], ನಾನು [illegible] [illegible], ತಿರುಕನ ಕನಸು, [illegible] ತಂತ್ರಜ್ಞಾನ [illegible]
ಜೂನ್	15	ಎಲ್ಲ [illegible] ಕನಸು, [illegible] ಕನಸು [illegible] - ಕನಸುಗಳ [illegible], [illegible] [illegible]
ಜುಲೈ	15	[illegible], [illegible], [illegible], ಕನ್ನಡ ತಂತ್ರಜ್ಞಾನ [illegible]
ಆಗಸ್ಟ್		——
ಸೆಪ್ಟೆಂಬರ್		——

ಪಾಠ ಯೋಜನೆ 2023–24
ನಾಲ್ಕನೇ ಸೆಮಿಸ್ಟರ್

ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
ಏಪ್ರಿಲ್	04	[illegible], [illegible]
ಮೇ	13	[illegible], [illegible], [illegible]
ಜೂನ್	15	[illegible], [illegible] ಮತ್ತು [illegible], [illegible]
ಜುಲೈ	15	[illegible], [illegible], [illegible]
ಆಗಸ್ಟ್		——
ಸೆಪ್ಟೆಂಬರ್		——

Rekha [signature]
ಡಾ. ಹೆಚ್.ಎಲ್. ರೇಖಾ ಎಂ.ಎ, ಬಿ.ಎಡ್, ಪಿ.ಹೆಚ್.ಡಿ
ಮುಖ್ಯಸ್ಥರು
ಕನ್ನಡ ವಿಭಾಗ, ಶಾರದ ವಿಲಾಸ ಕಾಲೇಜು
ಮೈಸೂರು-570004

[signature]
Dr. M Devika
M.Sc.,M.Phil.,Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram,Mysuru

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 20/4/23	10.30-11.30	II Sem	ಪ್ರಬಾತ್ ಕೆ.ಎಸ್.ಎಸ್ ಕಾಲೇಜಿನ ತರಗತಿ ಕೈಬರಹ ಪರಿಶೀಲನೆ
	12.30-11.30	IV Sem	ತರಗತಿ ಕೈಬರಹ ಪರಿಶೀಲನೆ
	2-3	III Sem	ಪುಸ್ತಕಗಳ ಅಧ್ಯಯನ.
ಶುಕ್ರವಾರ 21/4/23	10.30-11.30	IV	ಪುಸ್ತಕಗಳ ಅಧ್ಯಯನ
	11.30-12.30	II	ಪಾಠದ ಕಲಿಕೆ ಅಧ್ಯಯನ.
	3-4	IV	ಪರಿಮಿತಿ ಟೂಲ್ ಅಧ್ಯಯನ
ಶನಿವಾರ 22/4/23			ರಂಜನ ರಜೆ
ಗುರುವಾರ 27/4/23			ನಿಂಜಭಾಷಿಕ ರಜೆ
ಶುಕ್ರವಾರ 28/4/23	10.30-11.30	IV	ಪ್ರೇಮಚಂದ ಮತ್ತು ಶಿವರಾಮ ಅಧ್ಯಯನ.
	11.30-12.30	II	ಕೆ.ಎಸ್.ನ. ತರಗತಿಯ, ಸಂಬಳದ ಸಂಖ್ಯೆ ಅಧ್ಯಯನ.
ಶನಿವಾರ 29/4/23	11.30-12.30	II Sem	ಸಂಬಳದ ಸಂಖ್ಯೆ ಕುವೆಂ ಅಧ್ಯಯನ

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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 4/5/23	10.30-11.30	II	[illegible] ವ್ಯಾಖ್ಯಾನ
	12.30-1.30	IV	[illegible] ವ್ಯಾಖ್ಯಾನ.
	2-3	II	[illegible], [illegible] ವ್ಯಾಖ್ಯಾನ.
ಶುಕ್ರವಾರ 5/5/23	10.30-11.30	IV	[illegible], [illegible] ವ್ಯಾಖ್ಯಾನ.
	11.30-12.30	II	[illegible] ವ್ಯಾಖ್ಯಾನ.
	3-4	IV	[illegible]
ಶನಿವಾರ 6/5/23	10.30-11.30	IV	[illegible] ವ್ಯಾಖ್ಯಾನ
	11.30-12.30	II	'[illegible]' [illegible] ವ್ಯಾಖ್ಯಾನ.
ಗುರುವಾರ 11/5/23	10.30-11.30	II	[illegible] ವ್ಯಾಖ್ಯಾನ, [illegible]
	12.30-1.30	IV	[illegible] ವ್ಯಾಖ್ಯಾನ
	2-3	VI	[illegible] ವ್ಯಾಖ್ಯಾನ
ಶುಕ್ರವಾರ 12/5/23	10.30-11.30	IV	[illegible] ವ್ಯಾಖ್ಯಾನ
	11.30-12.30	II	[illegible] ವ್ಯಾಖ್ಯಾನ
	3-4	IV	[illegible]
ಶನಿವಾರ 13/5/23	10.30-11.30	IV	[illegible] ವ್ಯಾಖ್ಯಾನ.
	11.30-12.30	II	[illegible]
			[illegible] ವ್ಯಾಖ್ಯಾನ

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 13/4/23		ಅಧ್ಯಾಯದ ಸ್ವಾಧ್ಯಾಯ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 14/4/23		ಅಂಬೇಡ್ಕರ್ ಜಯಂತಿಯಲ್ಲಿ ಭಾಗವಹಿಸಲಾಯಿತು.
ಶನಿವಾರ 15/4/23		ಅಧ್ಯಾಯದ ಸ್ವಾಧ್ಯಾಯ ಮಾಡಲಾಯಿತು.
ಗುರುವಾರ 20/4/23		ಅಧ್ಯಾಯದ ಸ್ವಾಧ್ಯಾಯ. PPT ತಯಾರಿ
ಶುಕ್ರವಾರ 21/4/23		ಅಧ್ಯಾಯದ ಸ್ವಾಧ್ಯಾಯ. PPT ತಯಾರಿ.
ಶನಿವಾರ 22/4/23		ರಂಜಾನ್ ರಜೆ.

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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 27/4/23		ಸಾಂದರ್ಭಿಕ ರಜೆ
ಶುಕ್ರವಾರ 28/4/23	1.30-5.30	PPT ಪ್ರಸ್ತುತಿ ಕನ್ನಡ ವಿಭಾಗ ಪ್ರಾಂಶುಪಾಲರ ಕೊಠಡಿ.
ಶನಿವಾರ 29/4/23		ವಿಭಾಗದ ಕೆಲಸ. ದಿನಚರಿ ಪುಸ್ತಕ
ಗುರುವಾರ 4/5/23		ವಿದ್ಯಾರ್ಥಿ ಕಲ್ಯಾಣ ಕೆಲಸ, ಪ್ರಾಂಶುಪಾಲರೊಂದಿಗೆ HOD ಮೀಟಿಂಗ್‌ನಲ್ಲಿ ಭಾಗವಹಿಸಲಾಯಿತು. 4-5
ಶುಕ್ರವಾರ 5/5/23	~~4-5~~	UUCMSನಲ್ಲಿ ಅಂಕಗಳ upload ಮಾಡಲಾಯಿತು. ವಿದ್ಯಾರ್ಥಿ ಕಲ್ಯಾಣ ಕೆಲಸ. ~~ಪ್ರಾಂಶುಪಾಲರೊಂದಿಗೆ HOD meeting 4-5~~
ಶನಿವಾರ 6/5/23		ವಿಭಾಗದ ಕೆಲಸ. ಅತಿಥಿ ಉಪನ್ಯಾಸಕರ ಸಂದರ್ಶನದಲ್ಲಿ ಪ್ರಾಂಶುಪಾಲರ ಕೊಠಡಿಯಲ್ಲಿ ಭಾಗವಹಿಸಲಾಯಿತು (ಕನ್ನಡ)

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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 18/5/23	10.30-11.30	II	ಇಂದ್ರನಾಥಂಗೆ [illegible] ವಿಶ್ಲೇಷಣೆ [illegible]
	12.30-1.30	IV	ಅಕ್ಕಯ್ಯ [illegible] ಜೀವನ ವಿಶ್ಲೇಷಣೆ
	2-3	II	ನಾನು [illegible] ಮೆಟ್ರೊಸ್ಟ್ರ ಎತ್ತರದ ಜೀವನ ವಿಶ್ಲೇಷಣೆ
ಶುಕ್ರವಾರ 19/5/23	10.30-11.30	IV	ಶಿವರಾಮು ತ್ರಿಪುವೇ ಕಥೆ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	II	ನಾನು [illegible] ಮೆಟ್ರೊಸ್ಟ್ರ ಎತ್ತರದ ಜೀವನ ವಿಶ್ಲೇಷಣೆ
	3-4	IV	ಶಿವರಾಮು ತ್ರಿಪುವೇ ಕಥೆ ವಿಶ್ಲೇಷಣೆ
ಶನಿವಾರ 20/5/23			
			P.U.C ನವರಿಗೆ CET exam
			ಇರುವ ಕಾರಣ ತರಗತಿ ರದ್ದು ಮಾಡ
			-ಲಾಗಿತ್ತು
ಗುರುವಾರ 25/5/23			
			ಸಾಂದರ್ಭಿಕ ರಜೆ ತೆಗೆದುಕೊಳ್ಳ
			-ಲಾಗಿತ್ತು.
ಶುಕ್ರವಾರ 26/5/23	10.30-11.30	IV Sem	ಶಿವರಾಮು ತ್ರಿಪುವೇ ಕಥೆ ವಿಶ್ಲೇಷಣೆ ಕಥೆ ಮುಕ್ತಾಯಗೊಳಿಸಲಾಯಿತು.
	11.30-12.30	II Sem	ತಿರುಕನ ಕನಸು ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ ಮಾಡಲಾಯಿತು.
	3-4	IV Sem	ಸಂಸ್ಕೃತಿ - ಘಟಕ-2 ವಿಶ್ಲೇಷಣೆ ಭಾಷೆ ಬೆಳವಣಿಗೆ [illegible] ವಿಶ್ಲೇಷಣೆ
ಶನಿವಾರ 27/5/23	10.30-11.30	IV Sem	ತರಗತಿಗೆ ವಿದ್ಯಾರ್ಥಿಗಳು
			ಬಂದಿರಲಿಲ್ಲ.
	11.30-12.30	II Sem	ತಿರುಕನ ಕನಸು, ಮುದ್ದಣ, ಸೀತಾ
			[illegible] ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 11/5/23		ಆಸ್ಪತ್ರೆಗಳಲ್ಲಿ ನ್ಯಾಕ್ ಪರಿಕ್ಷೆ ಮಾಡಿಲಾಯಿತು.
ಶುಕ್ರವಾರ 12/5/23		ಆಸ್ಪತ್ರೆಗಳಲ್ಲಿ ವಿವರಣಾತ್ಮಕ ಪ್ರಶ್ನೆಪತ್ರೆಯ ಕೆಲಸ. ನ್ಯಾಕ್ ಪರೀಕ್ಷೆ ಮಾಡಲಾಯಿತು.
ಶನಿವಾರ 13/5/23		ನ್ಯಾಕ್ ಪರೀಕ್ಷೆ ಮಾಡಲಾಯಿತು.
ಗುರುವಾರ 18/5/23		ಆಸ್ಪತ್ರೆಯ ಕೆಲಸ ಮುಂದುವರಿಸಲಾಯಿತು. ದಿನಪತ್ರಿಕೆಗಳಲ್ಲಿ ವಿವರಣಾತ್ಮಕ ಪ್ರಶ್ನೆಪತ್ರೆ ತಿದ್ದಲಾಯಿತು. ಮಂಗಳೂರಿನಲ್ಲಿ ನಡೆಯುತ್ತಿರುವ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಹಾಜರಾಗಲು ತಿಳಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 19/5/23		ವಿದ್ಯಾರ್ಥಿಗಳ ವಿವರಣಾತ್ಮಕ ಪ್ರಶ್ನೆಪತ್ರೆ ತಿದ್ದಿ ಮುಗಿಸಲಾಯಿತು. ಮ್ಯಾಸ್ಕೋದ ಸಂಗೀತ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಹಾಜರಾಗಲು ತಿಳಿಸಲಾಯಿತು.
ಶನಿವಾರ 20/5/23		ಆಸ್ಪತ್ರೆಯ ಕೆಲಸ ಮುಂದುವರಿಸಲಾಯಿತು.

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ಪ್ರಾಂಶುಪಾಲರು

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 15/6/23			ಕಾಲೇಜಿಗೆ ರಜೆ,
			ಯಾವ ತರಗತಿ ನಡೆದಿರುವುದಿಲ್ಲ.
ಶುಕ್ರವಾರ 16/6/23			ಕಾಲೇಜಿಗೆ ರಜೆ ಯಾವ
			ತರಗತಿ ನಡೆದಿರುವುದಿಲ್ಲ.
ಶನಿವಾರ 17/6/23	10.30-11.30		ಕಾಲೇಜಿಗೆ ಯಾವ ತರಗತಿ
			ನಡೆದಿರುವುದಿಲ್ಲ.
	11.30-12.30	IV Sem	ಗಾನಕೃಷ್ಣನ ಮಾದರ್ಶನ ಕಥೆ
			ವಿಶ್ಲೇಷಣೆ
ಗುರುವಾರ 22/6/23	10.30-11.30	II Sem	ಗಾನಕೃಷ್ಣನ ಮಾದರ್ಶನ ಕಥೆ ವಿಶ್ಲೇಷಣೆ
	12.30-1.30	IV Sem	(ಕುವೆಂಪುರವರ ...) ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ
	2-3	II Sem	ಮಳೆ ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ.
ಶುಕ್ರವಾರ 23/6/23	10.30-11.30	V Sem	ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಕಾದಂಬರಿ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	II Sem	ಬರ ಕಥೆ ವಿಶ್ಲೇಷಣೆ
	3-4	V Sem	ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಪ್ರಬಂಧ
			ವಿಶ್ಲೇಷಣೆ
ಶನಿವಾರ 24/6/23	10.30-11.30	V Sem	ಹೊತ್ತು ಮಾರಿದವರು ಪ್ರಬಂಧ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	II Sem	ಬರ ಕಥೆ ವಿಶ್ಲೇಷಣೆ
			[illegible]

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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 8/6/23	9.30-10.30 3-6.30	ವಿಭಾಗದ ಕ್ಲೀನ್ ಮಾಡಿಸಲಾಯಿತು. [illegible] ನೋಟ್ಸ್ ಸಿದ್ಧ ಪಡಿಸಲಾಯಿತು. Naac work Department work ಮಾಡಲಾಯಿತು
ಶುಕ್ರವಾರ 9/6/23	9.30-10.30 12.30-3 4-6.30	[illegible] (I [illegible]) [illegible] ಸಿದ್ಧ [illegible], ವಿಭಾಗದ [illegible] ಮಾಡಲಾಯಿತು
ಶನಿವಾರ 10/6/23	1-5.45	ppt [illegible] ತಯಾರಿಸಲಾಯಿತು.
ಗುರುವಾರ 15/6/23	10.30-11.30 4.30-7.	[illegible] ವಿಭಾಗದ [illegible] ಮಾಡಲಾಯಿತು. [illegible] ಮೀಟಿಂಗ್
ಶುಕ್ರವಾರ 16/6/23	10.30-11.30	[illegible] ನೀಡಲಾಯಿತು, ವಿಭಾಗದ [illegible] ಮಾಡಲಾಯಿತು.
ಶನಿವಾರ 17/6/23	10.30-11.30	[illegible] ವಿಭಾಗದ [illegible], [illegible] ಪತ್ರಿಕೆಗಳ [illegible]

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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 6/7/23		7/7/23 ರ ರಿಯಲ್ ಕ್ರಾಂತಿಯ ಅಭಿಪ್ರಾಯ IA ಉತ್ತರ ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯ ಮಾಪನ
ಶುಕ್ರವಾರ 7/7/23		ನಿರಂತ್ರಾಕೃತಿ & ನಿರಂತ್ರಾತೀತ ಸಂಖ್ಯೆಯ ರಿಯಲ್ ಸಂಖ್ಯೆ ಕಂಡರ ರಿಯಲ್ ಸ್ಪೆಷಲ್ (ರಾಷ್ಟ್ರೀಯ & ಭಾವನೀತಿ) ನಿಂದ ರಿಯಲ್ ಅಕೌಂಟ್ ಅಭಿವೃದ್ಧಿಯಾಗಿದೆ.
ಶನಿವಾರ 8/7/23		ತರಗತಿಯಲ್ಲಿ ರಿಯಲ್ ಕ್ರಾಂತಿಯ ಅಭಿವೃದ್ಧಿ ಬಗ್ಗೆ ಅಭಿವೃದ್ಧಿ ಮಾಡಲಾಯಿತು.
ಗುರುವಾರ 13/7/23		IA ಉತ್ತರ ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯ ಮಾಪನ ಮುಂದುವರಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 14/7/23		UUCMS ನಲ್ಲಿ IA ಅಂಕಗಳನ್ನು ನಮೂದಿಸಲಾಯಿತು.
ಶನಿವಾರ 15/7/23		ಅಭ್ಯಾಸದ ಕ್ಲೀನಿಂಗ್ ಮಾಡಲಾಯಿತು.

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ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 20/7/23		ನ್ಯಾಕ್ ಕಮಿಟಿಗಾಗಿ ಕೊಠಡಿಗಳ ತಯಾರಿ 21/7/23 ರಂದು 4 ಗಂಟೆಗೆ ಸಭೆ ಕರೆದಿರು ಮಾಹಿತಿ ನೀಡಲಾಯಿತು. ಕೊಠಡಿ ತಯಾರಿ ಮಾಡಿಕೊಳ್ಳಲಾಯಿತು [illegible]
ಶುಕ್ರವಾರ 21/7/23		ವಿಭಾಗದ ಕೆಲಸವನ್ನು ಮಧ್ಯಾಹ್ನದ ವರೆಗೆ ಸಹೋದ್ಯೋಗಿಗಳ ಜೊತೆ ಸೇರಿ ಸ್ವಚ್ಛಗೊಳಿಸಲಾಯಿತು. ಮಧ್ಯಾಹ್ನದ ನಂತರ ಕೊಠಡಿಗಳ ತಯಾರಿ ನಡೆಸಲಾಯಿತು.
ಶನಿವಾರ 22/7/23		ವಿಭಾಗದ ನ್ಯಾಕ್ ವರದಿ ಮಾಡಿಕೊಳ್ಳಲಾಯಿತು.
ಗುರುವಾರ 27/7/23		ನ್ಯಾಕ್‌ಗಾಗಿ ವಿಭಾಗದ ದಾಖಲೆಗಳನ್ನು ಸಿದ್ಧಪಡಿಸಿಕೊಳ್ಳಲಾಯಿತು. ವಿಭಾಗದ ಇನ್ನುಳಿದ ಕೆಲಸ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 28/7/23		ವಿಭಾಗವನ್ನು ಸಹೋದ್ಯೋಗಿಗಳ ಜೊತೆ ಸೇರಿ ಮಧ್ಯಾಹ್ನದ ವರೆಗೆ ಸ್ವಚ್ಛಗೊಳಿಸಲಾಯಿತು. ವಿಭಾಗದ ನ್ಯಾಕ್ ವರದಿ ಮಾಡಲಾಯಿತು. [illegible]
ಶನಿವಾರ 29/7/23		ರಜೆಯ ಒಂದು ತಿಂಗಳ ನ್ಯಾಕ್ [illegible] ಒಂದು ಕೆಲಸ ಮಾಡಲಾಯಿತು. ಮೊಹರಂ ಹಬ್ಬದ ರಜೆ [illegible] ಸರ್ಕಾರಿ ರಜೆ

ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು
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DEPARTMENT OF KANNADA

WORK DIARY

Dr. REKHA. HL
HOD & Assistant professor

ODD SEMESTER

2022-2023

ಪಾಠ ಯೋಜನೆ 2022–2023
ಒಂದನೆ ಸೆಮಿಸ್ಟರ್

ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
ಸೆಪ್ಟಂಬರ್	04	ಎನ್. ಇ. ಪಿ ಬಗ್ಗೆ ಪರಿಚಯ. ಪಠ್ಯಕ್ರಮ, ಪಠ್ಯ [illegible] ಕ್ರಮದ ಬಗ್ಗೆ ಪರಿಚಯ. ಘಟಕ-1 ಕನ್ನಡ ಕವಿಗಳು
ಅಕ್ಟೋಬರ್	12	ಘಟಕ-1. [illegible] ಮನೆ, ಹಾಯ್ಕುಗಳ [illegible], ಕನ್ನಡ [illegible]
ನವೆಂಬರ್	14	ಘಟಕ-2 ಗದ್ಯ. -> ಹೆಣ್ಣು [illegible] ಹೋರಾಟ, [illegible], ಕೆಂಪುಗುಲಾಬಿ, ಬುಡಕಟ್ಟು ಜನರ ಸಂಸ್ಕೃತಿ.
ಡಿಸೆಂಬರ್	16	ಘಟಕ-3 ವೈಚಾರಿಕ ಮನೋಧರ್ಮ -> [illegible]. ಕತೆ ಮತ್ತು ಧರ್ಮ, [illegible], ನಮ್ಮ [illegible]
ಜನವರಿ	11	ಘಟಕ-4 [illegible], [illegible], [illegible], ಸೌಂದರ್ಯ ಮತ್ತು [illegible]
ಪೆಬ್ರವರಿ	—	—

ಪಾಠ ಯೋಜನೆ 2022–2023
ಮೂರನೆ ಸೆಮಿಸ್ಟರ್

ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
ಸೆಪ್ಟಂಬರ್	—	—
ಅಕ್ಟೋಬರ್	—	—
ನವೆಂಬರ್	12	ಘಟಕ-2. ಪ್ರವಾಸ -> ಜೋಗದ ಗುಂಡಿ, ಮೈಸೂರಿನಿಂದ ಮಡಿಕೇರಿ, ಮಲೆನಾಡಿನ [illegible], [illegible] ಮತ್ತು ಕದಂಬ
ಡಿಸೆಂಬರ್	16	ಘಟಕ-1. ಮಹಾಕಾವ್ಯ. -> ಚಂದ್ರಹಾಸನ ಪ್ರಸಂಗ, [illegible], [illegible], [illegible].
ಜನವರಿ	15	ಘಟಕ-3. [illegible] -> [illegible]
ಪೆಬ್ರವರಿ	10	ಘಟಕ-4 ಸಂಕೀರ್ಣ -> [illegible], [illegible], [illegible] ಸಾಂಸ್ಕೃತಿಕ ನೆಲೆಗಳು, ಹೃದಯ [illegible]

Rekha M L
ಡಾ. ಎಮ್. ಎಲ್. ರೇಖಾ ಎಂ.ಎ. ಬಿ.ಎಡ್, ಪಿ.ಹೆಚ್.ಡಿ
[illegible]
ಕನ್ನಡ ವಿಭಾಗ, [illegible] ಕಾಲೇಜು
ಮೈಸೂರು [illegible]

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 8/9/22			ತರಗತಿ ಪ್ರಾರಂಭ ತಯಾರಿ.
ಶುಕ್ರವಾರ 9/9/22			ಮೊದಲ ಸೆಮಿಸ್ಟರ್‌ನ ಮೊದಲ ತರಗತಿ ಆರಂಭ
	11.30 – 12.30	I Sem	NEP ಪಠ್ಯಕ್ರಮ, ಕನ್ನಡ ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ಪರಿಚಯಿಸಲಾಯಿತು.
ಶನಿವಾರ	11.30 – 12.30	I Sem	ಸೇತುಬಂಧ ಪ್ರಾರಂಭಿಸಲಾಯಿತು.
ಗುರುವಾರ 15/9/22	10.30-11.30	I Sem	ಸೇತುಬಂಧ (Bridge course) ಪ್ರಾರಂಭಿಸಲಾಯಿತು
ಶುಕ್ರವಾರ 16/9/22			ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆ ಈ ದಿನದ ತರಗತಿಯನ್ನು ಯುವಜನ- -ವರು ತೆಗೆದುಕೊಂಡಿದ್ದರು.
ಶನಿವಾರ 17/9/22			ಎರಡನೇ ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆ.

Rekha HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 22/09/22	10.30-11.30	I sem.	ಸೇತುಬಂಧ ತರಗತಿಯಲ್ಲಿ P.U.C [illegible]
ಶುಕ್ರವಾರ 23/09/22			ನನ್ನ ತರಗತಿ ಇಂಗ್ಲೀಷ್ ಬ್ರಿಡ್ಜ್ ಕೋರ್ಸ್‌ನವರು ತೆಗೆದುಕೊಂಡಿದ್ದರು. ಹಾಗೇ OS ಆಗಿದ್ದರಿಂದ ತರಗತಿ ತೆಗೆದುಕೊಳ್ಳಲಿಲ್ಲ. ಈ ದಿನದ ತರಗ-ತಿಯನ್ನು ಶನಿವಾರ ತೆಗೆದುಕೊಳ್ಳಲಾಯಿತು
ಶನಿವಾರ 24/09/22	12:30-1:30	I sem.	ಇಂಗ್ಲೀಷ್ ತರಗತಿಯನ್ನು ನಾನು ತೆಗೆದುಕೊಂಡಿದ್ದೆ. ಕನ್ನಡ [illegible] ಬಗೆಗೆ ಪರಿಚಯಿಸಲಾಯಿತು.
ಗುರುವಾರ 29/09/22	10.30-11.30	I sem	[illegible]
ಶುಕ್ರವಾರ 30/09/22	11.30-12.30	I sem	[illegible]
ಶನಿವಾರ 1/10/22			01/10/2022 ರಿಂದ 9/10/22 ರವರೆಗೆ [illegible] ರಜೆ ನೀಡಲಾಯಿತು.

Rekha HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ		
ಶುಕ್ರವಾರ		
ಶನಿವಾರ		
ಗುರುವಾರ 8/9/22		ನ್ಯಾಕ - ಕ್ರೈಟೀರಿಯಾ 7 ರ ಅಡಿಯಲ್ಲಿ ಫಾಗ - ಚಿತ್ರಗಳಾಯಿತು. ಅಭಿಪ್ರಾಯಗಳನ್ನು ಬೆಳ್ಳಿಕೆಟ್ಟಿ (ಕವಿತೆ) ತೆಗೆಯಲಾಯಿತು. ಭಿತ್ತಿಪತ್ರ ಅಭಿಪ್ರಾಯಗಳನ್ನು ಕೆಳಗಿನ ನ್ಯಾಕ ಆರ್ಕೈವ್ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 9/9/22		ನ್ಯಾಕ -7 ರ ಚಿತ್ರಿಸಿದ ಕೆಲಸ (ಕ್ರೈಟೀರಿಯಾ 5 ವಿದ್ಯಾರ್ಥಿಗಳ ಕಲಿಕೆಗಳ ತಂಗ್ರೆಡ ಮಾಡಿ, ಸೈನ್ ಮಾಡಿ ಕಳುಹಿಸಲಾಯಿತು.
ಶನಿವಾರ 10/9/22		ನ್ಯಾಕ - 7 ರ ಚಿತ್ರಿಸಿದ್ದ ಕೆಲಸ ಆರ್ಕೈವ್ ಮಾಡಲಾಯಿತು.

Rekha HL
ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 15/09/22		ಅಭ್ಯಾಸದ ಉಳಿಕೆ ಕೆಲಸಗಳನ್ನು ಮುಗಿಸಲಾಯಿತು. ಪ್ರಯೋಗಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಪೈಲ್ ಸಿದ್ಧಪಡಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 16/09/22		ಸಿಂಥಿಟಿಕ್ ರಜೆ
ಶನಿವಾರ 17/9/22		ಎಕೋಫ್ರೆ ಸಿಂಥಿಟಿಕ್ ರಜೆ
ಗುರುವಾರ 22/9/22		ಅಭ್ಯಾಸದ ಕೆಲಸಗಳನ್ನು ಸರಿಪಡಿಸಲಾಯಿತು. ಪರೀಕ್ಷೆ OS ಆಗಿ ರಿಪೋರ್ಟ್ ಸಲ್ಲಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 23/9/22		ಪರೀಕ್ಷೆ OS ಆಗಿ ರಿಪೋರ್ಟ್ ಸಲ್ಲಿಸಲಾಯಿತು. ಅಭ್ಯಾಸದ ಪ್ರೋಟೀನ್ I ಮತ್ತು ಬುಕ್‌ಗಳನ್ನು ರಜೆಗೆ ಕಳಿಸಲು ಚಿಂತಿಸಲಾಯಿತು
ಶನಿವಾರ 24/9/22		ಅಭ್ಯಾಸದ ಕೆಲಸಗಳನ್ನು ಮುಗಿಸಲಾಯಿತು (ಪ್ರೋಟೀನ್‌ಗಳು, ಪೈಲ್‌ಗಳು ಸಿದ್ಧವಾದವು)

Rekha HL
ನಮಸ್ಕಾರ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 29/09/22		data ಕಾಲೇಜಿನ ಕೆಲಸ ಮಾಡಲಾಯಿತು. ಉಳಿಗಳ ಕೆಲಸವನ್ನು ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 30/09/22		data ಕಾಲೇಜಿನ ಕೆಲಸ ಅಪೂರ್ಣವಾಗಿದೆ. ಉಳಿಗಳ ಕೆಲಸ ಮುಂದುವರಿಸಲಾಯಿತು.
ಶನಿವಾರ 1/10/22		ಗಾಂಧಿಜಯಂತಿ 9/10/22 ರವರೆಗೆ ಉಪವಿಭಾಗ ರಜೆ ಘೋಷಣೆಯಾಯಿತು. (ಸಾಮಾನ್ಯ ಬಟ್ಟೆಯಲ್ಲಿ)
ಗುರುವಾರ 13/10/22		data ಕಾಲೇಜಿನ ಕೆಲಸ ಅಪೂರ್ಣವಾಗಿದೆ.
ಶುಕ್ರವಾರ 14/10/22		Naac ಕೆಲಸ ಮುಂದುವರಿಸಲಾಯಿತು.
ಶನಿವಾರ 15/10/22		ಪ್ರೌಢಶಾಲಾ ರಜೆ ಪ್ರಯುಕ್ತ ರಜೆ. (ನಿಂಬಳ್ಳಿ ಕರಡಿ)

Rekha HL
ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 13/10/2022	10.30-11.30	I Sem	ಹೊಸ ಚಿತ್ರಗಳು ಉಲ್ಲೇಖ
ಶುಕ್ರವಾರ 14/10/22	11.30-12.30	I Sem	ಚೀಂಕ್ರಿ ತಂಗಿಯ, ಕೀಲಿಕೆ ಪರಿಶೀಲನೆ
ಶನಿವಾರ 15/10/22			ಪ್ರೈಯೋಕ್ಟಿಕಲ್ ರದ್ದಿಯಾಗಿದೆ.
ಗುರುವಾರ 20/10/22			bsc ಯಲ್ಲಿ ತರಗತಿಗಳು ನಡೆಯುತ್ತಿಲ್ಲ.
ಶುಕ್ರವಾರ 21/10/22	11.30-12.30	I Sem	ಚಿಂತಕರಂಗ ಬಿಡಿಸುವಿಕೆ.
ಶನಿವಾರ 22/10/22	11.30-12.30	I Sem	ಚಿಂತಕರಂಗ ಬಿಡಿಸುವಿಕೆ. ಪ್ರೈಯೋಕ್ಟಿಕಲ್ ರದ್ದಿಯಾಗಿದೆ.

Reshma HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
27/10/22 ಗುರುವಾರ	10.30-11.30	I Sem	[illegible]
ಶುಕ್ರವಾರ 28/10/22			ಕ್ರೀಡೋತ್ಸವ [illegible]
			ತರಗತಿಯನ್ನು [illegible]
			[illegible]
ಶನಿವಾರ 29/10/22	11.30-12.30	I Sem	ಕಾವ್ಯಸ್ವರೂಪ [illegible].
ಗುರುವಾರ 3/11/22	10.30-11.30	I Sem	ಕಾವ್ಯಸ್ವರೂಪ [illegible]
	12.30-1.30	III Sem	ಕನ್ನಡ [illegible]
	2-3	I Sem	ಕಾವ್ಯಸ್ವರೂಪ [illegible]
ಶುಕ್ರವಾರ 4/11/22	10.30-11.30	III Sem	[illegible]
	11.30-12.30	I Sem	[illegible]
	3-4	III Sem	[illegible]
ಶನಿವಾರ 5/11/22	10.30-11.30	III Sem	ಪು.ತಿ.ನ [illegible]
	11.30-12.30	I Sem.	[illegible]

Rekha HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 3/11/22	10 - 6	ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ ಕಾರ್ಯಕ್ರಮದ ತಯಾರಿ.
ಶುಕ್ರವಾರ 4/11/22	10 - 5.30	ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ ಕಾರ್ಯಕ್ರಮದ ಕೆಲಸ.
ಶನಿವಾರ 5/11/22	10 - 1.30	ವಿಭಾಗದ ಕೆಲಸ,
ಗುರುವಾರ 10/11/22		ಪ್ರಾಂಶುಪಾಲರೊಂದಿಗೆ ಮೀಟಿಂಗ್ I Year, I Sem result entry
ಶುಕ್ರವಾರ 11/11/22		ಕನಕದಾಸ ಜಯಂತಿ ಮೊದಲ ವರ್ಷದ ಮೊದಲ ಸೆಮಿಸ್ಟರ್‌ನ result ಟ್ಯಾಲಿ ಮಾಡಲಾಯಿತು. ಮುಗಿಯಿತು.
ಶನಿವಾರ 12/11/22		ಸಾಹಿತ್ಯ ಸಮಿತಿಯಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಪ್ರಬಂಧ ಸ್ಪರ್ಧೆ ಮಾಡಲಾಯಿತು.

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ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 10/11/22	10-30 – 11.30	I Sem	ಕೆಂಪು ಗಣಿ ಕಥೆ
	12.30 – 1.30	III Sem 'B'	ಸಣ್ಣ ನಾಯಿ ಕವಿತೆ
	2 – 3	I Sem	ಕೆಂಪು ಗಣಿ
ಶುಕ್ರವಾರ 11/11/22			
			ಕನಕದಾಸ ಜಯಂತಿ
ಶನಿವಾರ 12/11/22	10.30 – 11.30	III Sem	ಸಣ್ಣ ನಾಯಿ, H. ನಾಗವೇಣಿ ಪರಿಚಯ
	11.30 – 12.30	I Sem	ಕೆಂಪು ಗಣಿ.
ಗುರುವಾರ 17/11/22	10-30 – 11.30	I Sem	ಕೆಂಪು ಗಣಿ
	12.30 – 1.30	III Sem	[illegible]
	2 – 3	I Sem	ಕೆಂಪು ಗಣಿ.
ಶುಕ್ರವಾರ 18/11/22			
			ಸಾಂಸ್ಕೃತಿಕ ರಜೆ
ಶನಿವಾರ 19/11/22	10.30 – 11.30	III Sem	[illegible]
	11.30 – 12.30	I Sem	ಕೆಂಪು ಗಣಿ., [illegible] ಪರಿಚಯ.

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 01/12/22		ಎರಡು ದಿನಗಳ ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ ಅಂತರ್ಜಾಲ ವಿಚಾರಸಂಕಿರಣದ ವರದಿ ಸಿದ್ಧಪಡಿಸಿ - ಸಲ್ಲಿಕೆ.
ಶುಕ್ರವಾರ 02/12/22		ಎರಡು ದಿನಗಳ ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ ಅಂತರ್ಜಾಲ ವಿಚಾರಸಂಕಿರಣದ ವರದಿ ಸಿದ್ಧಪಡಿಸಿ - ಸಲ್ಲಿಕೆ
ಶನಿವಾರ 03/12/22		ಸಾಂದರ್ಭಿಕ ರಜೆ
ಗುರುವಾರ 08/12/22		ಪರಿಮಿತ ರಜೆ ಪಡೆದಿದ್ದೆ
ಶುಕ್ರವಾರ 09/12/22	4 - 5-30	ಅಧ್ಯಾಪಕ ವೇದಿಕೆ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಸಮಿತಿಯ ಸಭೆಗೆ ಹಾಜರಾಗಿದ್ದೆ. ವಿಭಾಗದ ಕೆಲಸಗಳನ್ನು ಮಾಡಲಾಯಿತು. Test Papar ಸಿದ್ಧಪಡಿಸಲಾಯಿತು.
ಶನಿವಾರ 10/12/22		ವಿಭಾಗದ ಪತ್ರಗಳ ಸಿದ್ಧಪಡಿಸಲಾಯಿತು

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ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 15/12/22	10.30-11.30 3-5 5-6	ಟೆಸ್ಟ್ ಪೇಪರ್ ಮಾಡಲಾಯಿತು, ವಿದ್ಯಾರ್ಥಿ ವೇದಿಕೆ ಉದ್ಘಾಟನಾ ಸಮಾರಂಭದ ಸ್ಟೇಜ್ ಸಿದ್ಧತೆ ಕೆಲಸ ನಿರ್ವಹಿಸಲಾಯಿತು, IA ಪತ್ರಿಕೆ ಮೌಲ್ಯಮಾಪನ.
ಶುಕ್ರವಾರ 16/12/22	10-1.30	ಉದ್ಘಾಟನಾ ಸಮಾರಂಭದ ಕೆಲಸ, workshop ವರದಿ ಸಿದ್ಧತೆ, IA ಪತ್ರಿಕೆ ಮೌಲ್ಯಮಾಪನ.
ಶನಿವಾರ 17/12/22		IA ಪತ್ರಿಕೆ ಮೌಲ್ಯಮಾಪನ. NAAC - work
ಗುರುವಾರ 22/12/22		IA ಪತ್ರಿಕೆ ಮೌಲ್ಯಮಾಪನ Comprehension ಪಾಠದ ಪಠ್ಯ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 23/12/22		ಕಾಲೇಜಿನಲ್ಲಿ ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವದ ಆಚರಣೆ ಸಿದ್ಧತೆಯಲ್ಲಿ. ವಿದ್ಯಾರ್ಥಿಗಳ Freshers Day ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಭಾಗವಹಿಸಲಾಯಿತು.
ಶನಿವಾರ 24/12/22		IA ಪತ್ರಿಕೆ ಮೌಲ್ಯಮಾಪನ. ಚರ್ಚಾಸ್ಪರ್ಧೆಗೆ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ತಯಾರಿ ಮಾಡಲಾಯಿತು.

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ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಅವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 8/12/22			
			ಪಂಚಾಯತ ರಜೆಯ ಇದ್ದೆ.
ಶುಕ್ರವಾರ 9/12/22			ಮೈಲಾರ ದೇವರು, ದೇವ್ರು ಬರುವುದು.
	10.30-11.30	III Sem	
	11.30-12.30	I Sem	ಕಾವ್ಯದಲ್ಲಿ ರಿದಂ ವಿಶ್ಲೇಷಣೆ
	3-4	III Sem	ಮಹಿಳಾ ಸಾಹಿತ್ಯ ಅಂತರಂಗ, ಕಥೆಗಳು.
ಶನಿವಾರ 10/12/22	10.30-11.30	III Sem	ಬಂಗಾರದ ಚಕ್ರದ ಹಾಡು ಕಥೆ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	I Semn	ಕಾವ್ಯದಲ್ಲಿ ರಿದಂ ವಿಶ್ಲೇಷಣೆ.
ಗುರುವಾರ 15/12/22	11.30-12.30	I Sem	ಕಾವ್ಯದಲ್ಲಿ ವಿಶ್ಲೇಷಣೆ
	12.30-1.30	III Sem	ಬಂಗಾರದ ಚಕ್ರದ ಹಾಡು ವಿಶ್ಲೇಷಣೆ, [illegible]
	2-3	I Sem	ಕಾವ್ಯದಲ್ಲಿ ವಿಶ್ಲೇಷಣೆ
ಶುಕ್ರವಾರ 16/12/22	3-4	III Sem	ಮಾನಿನ ಸಂಕಿರಣ ಮಾಡಲಾಯಿತು.
			ವಿದ್ಯಾರ್ಥಿ ವೇದಿಕೆ ಉದ್ಘಾಟನಾ
			ಸಮಾರಂಭ ಇದ್ದ ಕಾರಣ
			ತರಗತಿ ತೆಗೆದುಕೊಳ್ಳಲಿಲ್ಲ.
ಶನಿವಾರ 17/12/22	10.30-11.30	III Sem	ಮಾನಿನ ಸಂಕಿರಣ
	11.30-12.30	I Sem	ನಿಮ್ಮ ಸ್ಕ್ರಿಪ್ಟನ್ನು ಮಾರಲಾದ
			ದೇವರು.
			[signature]

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 22/12/22	10.30-11.30	I Sem	ನಮ್ಮ ಶರೀರವನ್ನು ಹೇಗೆಲ್ಲಾ ಪೋಷಿಸಿಕೊಳ್ಳಬೇಕು
	12.30-1.30	III Sem	ಪೋಷಕಾಂಶಗಳು ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್.
	2-3	I Sem	ನಮ್ಮ ಶರೀರವನ್ನು ಹೇಗೆಲ್ಲಾ ಪೋಷಿಸಿಕೊಳ್ಳಬೇಕು.
ಶುಕ್ರವಾರ 23/12/22	10.30-11.30	III Sem	ಪೋಷಕಾಂಶಗಳು ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
	11.30-12.30	I Sem	ಎರಡು ಆಹಾರವರ್ಗ ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
ಶನಿವಾರ 24/12/22	10.30-11.30	III Sem	ಆಹಾರ ಸಂರಕ್ಷಣೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು.
	11.30-12.30	I Sem	ಆಹಾರ ಸಂರಕ್ಷಣೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು.
ಗುರುವಾರ 29/12/22	10.30-11.30	I Sem	ಬೆಂಕ್ರಿ ಎಂಬುದು ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
	12.30-1.30	III Sem	ಆಹಾರ ಸಂರಕ್ಷಣೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು.
	2-3	I Sem	'ಬೆಂಕ್ರಿ ಎಂದರೆ' ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
ಶುಕ್ರವಾರ 30/12/22	10.30-11.30	III Sem	ಪೋಷಕಾಂಶಗಳು ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
	11.30-12.30	I Sem	C-2 ಕಿರುಪರೀಕ್ಷೆ ನಡೆಸಲಾಯಿತು
	3-4	III Sem	ಪೋಷಕಾಂಶಗಳು ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
ಶನಿವಾರ 31/12/22	10.30-11.30	III Sem	ಪೌಷ್ಟಿಕಾಂಶಗಳ ಮಹತ್ವ ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್
	11.30-12.30	I Sem	ಸಸ್ಯಾಹಾರ ಮಾಂಸಾಹಾರಿಗಳು, ಯಾರು ಶ್ರೇಷ್ಠರು, ಕನಿಷ್ಠರು, ಕೊರತೆ ಎಫೆಕ್ಟ್ಸ್

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 29/12/22		NSS ಶಿಬಿರಕ್ಕೆ ದಿನ ಭಾಗವಹಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 30/12/22		I.A. ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯಮಾಪನ
ಶನಿವಾರ 31/12/22		I.A. ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯಮಾಪನ.
ಗುರುವಾರ 5/1/23		ದಿನಚರಿ ಪುಸ್ತಕ ತಯಾರಿಸಲಾಯಿತು. ಕಾಗದವನ್ನು ಎಂಬ್ರಿ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 6/1/23		ಮಿಥಾನ ಯ ಕೆಲಸ, I.A ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯಮಾಪನ. ದಿನಚರಿ ಕೊರತೆ ಇರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ತುಂಬಿಸಲಾಯಿತು.
ಶನಿವಾರ 7/01/23		ದಿನಚರಿ ಕೊರತೆ ಇರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅಂಕ ನಮೂದಿಸಲಾಯಿತು.

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ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 5/01/23	10.30-11.30	I Sem	[illegible], ಆಲಿಸುವ ಚಟುವಟಿಕೆ,
	12.30-1.30	III Sem	[illegible]
	2-3	I Sem	[illegible] ಆಲಿಸುವ ಚಟುವಟಿಕೆ
ಶುಕ್ರವಾರ 6/01/23	10.30-11.30	III Sem	[illegible] ಚಟುವಟಿಕೆ.
	11.30-12.30	I Sem	ಆಲಿಸುವ ಚಟುವಟಿಕೆ.
	3-4	III Sem	[illegible] ಚಟುವಟಿಕೆ
ಶನಿವಾರ 7/01/23	10.30-11.30	III Sem	[illegible] ಚಟುವಟಿಕೆ.
	11.30-12.30	I Sem	ಆಲಿಸುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 12/01/23	10.30-11.30	I Sem	[illegible] ಆಲಿಸುವ ಚಟುವಟಿಕೆ
	12.30-1.30		ಸ್ವಾಮಿ ವಿವೇಕಾನಂದರ ಜಯಂತಿ
	2-3		ಪ್ರಯುಕ್ತ ತರಗತಿ ನಡೆದಿಲ್ಲ.
ಶುಕ್ರವಾರ 13/01/23	10.30-11.30	III Sem	[illegible] ಚಟುವಟಿಕೆ,
	11.30-12.30	I Sem	ಆಲಿಸುವ ಚಟುವಟಿಕೆ
	3-4	III Sem	ಕಿರುಪರೀಕ್ಷೆ ನಡೆಸಲಾಯಿತು
ಶನಿವಾರ 14/01/23	10.30-11.30	III Sem	[illegible]
	11.30-12.30	I Sem	[illegible]
			ಆಲಿಸುವ ಚಟುವಟಿಕೆ.

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 19/01/23	10.30-11.30	I Sem	ಸೌಂದರ್ಯ ಮತ್ತು ಪ್ರೀತಿ ಬಗ್ಗೆ [illegible]
	12.30-1.30	III Sem	ಸ್ವಾತಂತ್ರ್ಯ [illegible] ಪ್ರಸಂಗ
	2-3	I Sem	ಸೌಂದರ್ಯ ಮತ್ತು ಪ್ರೀತಿ ಬಗ್ಗೆ [illegible]
			[illegible]
ಶುಕ್ರವಾರ 20/01/23	10.30-11.30	III Sem	ಸ್ವಾತಂತ್ರ್ಯ [illegible] ಪ್ರಸಂಗ
	11.30-12.30	I Sem	[illegible]
	3-4	III Sem	ಸ್ವಾತಂತ್ರ್ಯ [illegible] ಪ್ರಸಂಗ, [illegible]
ಶನಿವಾರ 21/01/23	10.30-11.30	III Sem	'ನನ್ನ ಹಕ್ಕಿ' ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	I Sem	'ಕನ್ನಡ [illegible]' [illegible]
ಗುರುವಾರ 26/01/23			
			ಗಣರಾಜ್ಯೋತ್ಸವದ ಕಾರ್ಯಕ್ರಮ-
			ದಲ್ಲಿ [illegible]
ಶುಕ್ರವಾರ 27/01/23	10.30-11.30	III Sem	ನನ್ನ ಹಕ್ಕಿ ಕವಿತೆ ವಿಶ್ಲೇಷಣೆ [illegible]
	11.30-12.30	I Sem	[illegible]
	3-4	III Sem	[illegible] ಕವನ ವಿಶ್ಲೇಷಣೆ
ಶನಿವಾರ 28/01/23	10.30-11.30	III Sem	[illegible] ಕವನ ವಿಶ್ಲೇಷಣೆ
	11.30-12.30	I Sem	[illegible] ತರಗತಿ
			[illegible]
			[illegible] ಮಾಡಲಾಯಿತು

Rekha HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 26/07/23		ಗಣರಾಜ್ಯೋತ್ಸವ ಕಿರುಪ್ರಬಂಧ ಬರೆಸಲಾಯಿತು. 1.30ರ ತನಕ ಸ್ಪರ್ಧೆ ನಡೆಸಲಾಯಿತು.
ಶುಕ್ರವಾರ 27/07/23		SVM ರವರು ನಡೆಸಿಕೊಟ್ಟ ಉಪನ್ಯಾಸವನ್ನು ಆಧರಿಸಿ ಅಭಿಪ್ರಾಯ ಸಂಬಂಧಿ ಕಿರುಪ್ರಬಂಧ ಬರೆಸಲಾಯಿತು. ಸ್ಪರ್ಧೆ ನಡೆಸಲಾಯಿತು. 7.
ಶನಿವಾರ 28/07/23		ಕ್ರೈಟೀರಿಯಾ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಗುರುವಾರ 2/02/23		ಕ್ರೈಟೀರಿಯಾ 7ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 3/02/23		ಕ್ರೈಟೀರಿಯಾ 7ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಶನಿವಾರ 4/02/23		ಕ್ರೈಟೀರಿಯಾ 7ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.

Rekha HL
ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
ಗುರುವಾರ 2/02/23	12.30-1.30	III Sem	[illegible]
			[illegible]
ಶುಕ್ರವಾರ 3/2/23	10.30-11.30	III Sem	[illegible] R.K. [illegible]
	3-4	III Sem	[illegible]
ಶನಿವಾರ 4/2/23	10.30-11.30	III Sem	[illegible]
ಗುರುವಾರ 9/2/23	12.30-1.30	III Sem	[illegible]
ಶುಕ್ರವಾರ 10/2/23	10.30-11.30	III Sem	[illegible]
	3-4	III Sem	[illegible]
ಶನಿವಾರ 11/2/23	10.30-11.30	III Sem	[illegible]
			[illegible]
			ಇಂದಿಗೆ 1,3 ನೇ ಸೆಮಿಸ್ಟರ್ ನ ತರಗತಿಗಳು
			ಮುಕ್ತಾಯವಾಯಿತು.

Rekha HL

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 23/2/23	10.30-6.30	ಕ್ಲಿನಿಕಲ್ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಶುಕ್ರವಾರ 24/2/23	10.30-6.30	ಕ್ಲಿನಿಕಲ್ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಶನಿವಾರ 25/2/23		ಕ್ಲಿನಿಕಲ್ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.
ಗುರುವಾರ 02/03/23		ರಜೆಯಿತ್ತು ಇಚ್ಛೆ
ಶುಕ್ರವಾರ 03/03/23		ಕ್ಲಿನಿಕಲ್ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು
ಶನಿವಾರ 04/03/23		ಕ್ಲಿನಿಕಲ್ 7 ರ ವರೆಗೆ ಮಾಡಲಾಯಿತು.

Rekha HL
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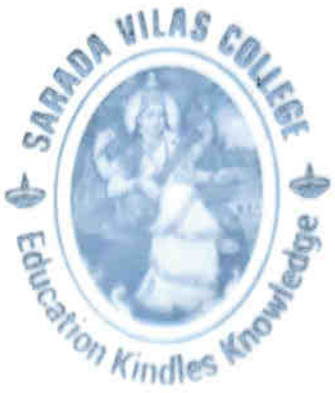
ಪ್ರಾಂಶುಪಾಲರು

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಪುಸ್ತಕ

ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಟಿಕೆ
ಗುರುವಾರ 9/3/23		[illegible] OS ಪ್ರ್ಯಾಕ್ಟಿಕಲ್ ಮಾಡಿಸ-ಲಾಯಿತು.
ಶುಕ್ರವಾರ 10/3/23		[illegible] OS ಪ್ರ್ಯಾಕ್ಟಿಕಲ್ ಮಾಡಿಸ-ಲಾಯಿತು.
ಶನಿವಾರ 11/03/23		ವಿಭಾಗದ ಕೆಲಸ ನಿರ್ವಹಿಸಲಾಯಿತು.
ಗುರುವಾರ 16/03/23		ವಿಭಾಗದ ಕೆಲಸ ನಿರ್ವಹಿಸಲಾಯಿತು.
ಶುಕ್ರವಾರ		
ಶನಿವಾರ		

[illegible signature]
ಸಹಿ

ಪ್ರಾಂಶುಪಾಲರು
Dr. M Devika
M.Sc., M.Phil., Ph.D.
Principal
Sarada Vilas College,
Krishnamurthypuram, Mysuru



SARADA VILAS COLLEGE

KRISHNAMURTHYPURAM, MYSURU

DEPARTMENT OF PHYSICS

WORK DIARY – ODD SEMESTER

PRATHAP M R

2022-2023

TEACHING PLAN FOR THE YEAR 2022– 2023

III SEMESTER (NEP)

ODD SEMESTER

Title: Wave motion and Optics

MONTH	HOURS	PORTIONS TO BE COVERED
November	4	Introduction- Fraunhofer diffractions- Single slit diffraction pattern-position of Maxima and Minima (Qualitative arguments)- Two slit diffraction pattern-position of Maxima and minima- Theory of plane diffraction grating- Grating spectrum- normal and oblique incidence- Resolving power and dispersive power of a grating Single slit; Double Slit.
December	2	Multiple slits & Diffraction grating. Fresnel Diffraction- Fresnel half period zones- Diffraction by a circular aperture- diffraction by an opaque disc-The zone plate -comparison between zone plate and convex lens.
	2	Parallel resonance—half-power frequencies, bandwidth and *Q*- factor. Power in electrical circuits—power factor.
January	4	Introduction-Production of polarized light- The wire Grid polarizer and Polaroid- Superposition of two disturbances- Phenomenon of double refraction-Quarter wave plates and half wave plates- Analysis of polarized light-optical activity
February	1	Numerical problems

TEACHING PLAN FOR THE YEAR 2022– 2023

V - SEMESTER (A SECTION)

ODD SEMESTER

Title: Nuclear and theoretical physics (DSE)

MONTH	HOURS	PORTIONS TO BE COVERED
November	1	**Special theory of relativity:** Michelson-Morley experiment and its outcome. Postulates of Special Theory of Relativity
	3	Lorentz transformations (no derivation) Lorentz contraction. Time dilation Relativistic transformation of velocity, Relativistic addition of velocities. Variation of mass with velocity.
December	1	Rest mass. Massless particles. Mass energy equivalence, $E=mc^2$.The energy-momentum relation. The principle of equivalence
	3	**Cosmic rays and particle physics:** Cosmic ray discovery; Primary and secondary cosmic rays—their composition. Cosmic ray showers. Origin of cosmic rays, Mention of the basic interactions in nature; Particles and antiparticles. Types of interaction between elementary particles, Classification of particles.
January	2	Conservation laws. A qualitative introduction to quarks (quark model) Numerical problems.
	2	**Mass spectrographs:** Theory of Dempster and Aston mass spectrograph. Numerical problems.
February	2	**Nuclear-detectors:** Bubble Chamber,GM counter. Principle of semiconductor detector. Previous year question papers are discussed

TEACHING PLAN FOR THE YEAR 2022– 2023

V - SEMESTER (A SECTION)

Lasers and fiber optics (SEC)

MONTH	HOURS	PORTIONS TO BE COVERED
November	1	**Laser basics:** Coherence properties of laserlight,temporalcoherence,monochromaticity
	3	Spatial coherence, directionality, line width, brightness, divergence, line shape broadening, focusing properties of laser radiation, laser modes—axial and transverse, mode selection, Single mode operation, selection of laser emission line.
December	2	**Laser oscillator:** Pumping schemes, Gain–threshold conditions; Optical resonators.
	2	**Types of lasers:** Construction and principles of working of Nd-YAG, CO_2,
January	2	Construction and principles of working of dye lasers and semiconductor lasers.
	2	**Laser diodes:** Lasing conditions and gain in a semiconductor, selective amplification and coherence, Materials for laser diodes, quantum well lasers,
February	2	Surface emitting lasers, characterization and modulation of lasers.

TEACHING PLAN FOR THE YEAR 2022 - 2023

FIRST SEMESTER (NEP)

ODD SEMESTER (OPEN ELECTIVE)

Title: ENERGY SOURCE

MONTH	HOURS	PORTIONS TO BE COVERED
September	3	Bridge course- basics of physics
October	4	Energy concept-sources in general, its significance & necessity. Classification of energy sources: Primary and Secondary energy, Commercial and Non-commercial energy, Renewable and Non-renewable energy,
November	2	Conventional and Non-conventional energy, Based on Origin-Examples and limitations.
	2	Importance of Non-commercial energy resources.
December	4	Fossil fuels & Nuclear energy-production & extraction, usage rate and limitations. Impact on environment and their issues& challenges
January	4	Overview of Indian & world energy scenario with latest statistics-consumption & necessity. Need of eco-friendly& green energy & their related technology.

TEACHING PLAN FOR THE YEAR 2022– 2023

III SEMESTER (NEP)

ODD SEMESTER (OPEN ELECTIVE)

Title: SPORTS SCIENCE

MONTH	HOURS	PORTIONS TO BE COVERED
November	4	**Food and Nutrition:** Proteins, Vitamins, Fat, Blood pressure. Problems due to the deficiency of vitamins.
December	1	Students seminar
	3	**Energy:** Different forms of Energy, Conservation of mass-energy.
January	4	**Physical exercises:** Walking, Jogging and Running, Weight management.
February	1	Physical activity

SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 05.09.2022	12:30 to 1:30	I BS.c	Bridge course
	2.00-5.00pm		Department work
TUESDAY 06.09.2022	10.30-1.00		Assistance for office work
	2.00-5.00		NAAC WORK
WEDNESDAY 07.09.2022	10.30 – 1.30 am		Department naac work
	2.00 – 5.00 pm		
THURSDAY 08.09.2022	10.30 – 1.30 pm		Department naac work
	2.00pm – 5.00 pm		
FRIDAY 09.09.2022	10.30 – 1.30 pm		Department naac work
	2.00 – 5.00 pm		
SATURDAY 10.09.2022	10.30 – 1.30 pm		Department naac work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY –ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 12.09.2022	12:30 to 1:30	I BS.c	Bridge course
	2.00-5.00pm		Department work
TUESDAY 13.09.2022	10.30-1.00		Assistance for office work
	2.00-5.00		NAAC WORK
WEDNESDAY 14.09.2022	10.30 – 1.30 am		Department naac work
	2.00 – 5.00 pm		NAAC work
THURSDAY 15.09.2022	11.30 am – 1.30 pm		Disciplinary committee work
	2.00pm – 5.00 pm		Department naac work
			Department naac work
FRIDAY 16.09.2022	10.30 – 1.30 pm		
	2.00 – 5.00 pm		
SATURDAY 17.09.2022	10.30 – 1.30 pm		Department naac work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 19.09.2022	12:30 to 1:30	I BS.c	Bridge course
	2.00-5.00pm		Department work
TUESDAY 20.09.2022	10.30-1.00		Assistance for office work
	2.00-5.00		NAAC WORK
WEDNESDAY 21.09.2022	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm		Department naac work
THURSDAY 22.09.2022	11.30 am – 1.30 pm		Disciplinary committee work
	2.00pm – 5.00 pm		Department naac work
FRIDAY 23.09.2022	10.30 – 1.30 pm		Department naac work
	2.00 – 5.00 pm		Department naac work
SATURDAY 24.09.2022	10.30 – 1.30 pm		Department naac work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 26.09.2022	12:30 to 1:30	I BS.c	Bridge course
	2.00-5.00pm		Department work
TUESDAY 27.09.2022	10.30-1.00		Assistance for office work
	2.00-5.00		NAAC WORK
WEDNESDAY 28.09.2022	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm		Department naac work
THURSDAY 29.09.2022	11.30 am – 1.30 pm		Disciplinary committee work
	2.00pm – 5.00 pm		Department naac work
FRIDAY 30.09.2022	10.30 – 1.30 pm		Department naac work
	2.00 – 5.00 pm		Department naac work
SATURDAY 01.10.2022 TO 05.10.2022			RELIEVING

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
THURSDAY 06.10.2022	JOINING		
	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm		Department naac work
FRIDAY 07.10.2022	EVALUATION		
SATURDAY 08.10.2022	EVALUATION		

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 10.10.2022	EVALUATION		
TUESDAY 11.10.2022	EVALUATION		
WEDNESDAY 12.10.2022	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm	V sem lab	Conducted the practical
THURSDAY 13.10.2022	10.30 – 1.30 pm	V SEM	Introduction on relativity
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 14.10.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 15.10.2022	10.30 - 11.30am	V sem	Introduction on laser
	12.30 am – 1.30pm	OE-3	SYLLABUS DISCUSSION

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY –ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 17.10.2022	9.30 – 10.30 am	III SEM	OPTICS: discussed the syllabus & introduction
	10.30 am – 5.00 pm		Department NAAC work
TUESDAY 18.10.2022	10.30 – 11.30 am	OE-1	Syllabus discussion
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 19.10.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 20.10.2022	10.30 – 11.30 am	V SEM	michelson morley experiment
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 21.10.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 22.10.2022	10.30 - 11.30am	V sem	Coherence properties monochromatic
	12.30 am – 1.30pm	OE-3	Proteins and vitamins

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 24.10.2022	DEPAWALI		
TUESDAY 25.10.2022	10.30 – 11.30 am	OE-1	Primary and secondary energy, classification of energy sources.
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 26.10.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 27.10.2022	10.30 – 11.30 am	V SEM	Lorentz transformation , time dilation
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 28.10.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 29.10.2022	10.30 - 11.30am	V sem	Special coherence, lineshape broadening
	12.30 am – 1.30pm	OE-3	Fats, blood pressure.

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 31.10.2022	9.30 – 10.30 am	III Sem theory	Fraunhoffer's diffraction, single slit diffraction pattern position.
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 01.11.2022	KANNADA RAJYOTSAVA		
WEDNESDAY 02.11.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V SEM LAB	Conducted practical test
THURSDAY 03.11.2022	9.30 am – 10.30 am		Disciplinary committee work
	10.30 – 11.30 pm	V Sem	Variation of mass with velocity, relativistic addition of velocity
	2.00 – 5.00 pm	V sem LAB	Conducted practical test
FRIDAY 04.11.2022	10.30 – 1.30 pm	V sem LAB	Conducted practical test
	2.00 – 5.00 pm	V Sem LAB	Conducted practical
SATURDAY 05.11.2022	10.30 – 11.30 am	V Sem	Single mode operation, selection of laser lines
	11.30 -1.30 pm	OE-3	Deficiency of vitamin C

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 07.11.2022	9.30 – 10.30 am	III Sem theory	Two slit diffraction pattern position of maxima and minima.
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 08.11.2022	10.30 – 11.30 am	OE-1	Renewable and non-renewable energy
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 09.11.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 10.11.2022	10.30 – 11.30 am	V SEM	$E - MC^2$, energy momentum relation
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 11.11.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 12.11.2022	10.30 - 11.30am	V sem	LASER modes, axial and transverse
	12.30 am – 1.30pm	OE-3	Seminar

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 14.11.2022	9.30 – 10.30 am	III Sem theory	Theory of plane diffraction grating, grating spectrum, normal and oblique incidence.
	10.30 am – 1.30pm		Department work C2 TEST
	2.00 pm – 5.00 pm		Admission work
TUESDAY 15.11.2022	10.30 – 11.30 am	OE-1	Conventional and non- conventional energy
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 16.11.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 17.11.2022	10.30 – 11.30 am	V SEM	Cosmic rays discocvery
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 18.11.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 19.11.2022	10.30 -11.30am	V sem	Laser resonators, pumping schemes
	12.30 am – 1.30pm	OE-3	Deficiency of protein.

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 21.11.2022	9.30 – 10.30 am	III SEM	Resolving power and dispersive power of grating single slit.
	11.30 – 1.30 pm		Department NAAC work
TUESDAY 22.11.2022	10.30 – 11.30 am	OE-1	Importance of non-conventional energy sources
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 23.11.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 24.11.2022	10.30 – 11.30 am	V SEM	Primary and secondary cosmic rays
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 25.11.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 26.11.2022	10.30 - 11.30am	V sem	Gain threshold condition, optical resonators
	12.30 am – 1.30pm	OE-3	Physical activity.

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 28.11.2022	9.30 – 10.30 am	III SEM	Double slit, multiple slit and diffraction grating.
	11.30 – 1.30 pm		Department NAAC work
TUESDAY 29.11.2022	10.30 – 11.30 am	OE-1	Student seminar
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 30.11.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 01.12.2022	10.30 – 11.30 am	V SEM	Basic interaction in nature, particles and anti-particles
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 02.12.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 03.12.2022	10.30 - 11.30am	V sem	Types of laser
	12.30 am – 1.30pm	OE-3	Basics concept of energy.

SIGNATURE

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 05.12.2022	9.30 – 10.30 am	III SEM	Diffraction: problems
	11.30 – 5.00 pm		Department NAAC work
TUESDAY 06.12.2022	10.30 – 11.30 am	OE-1	Fossil fuels, nuclear energy
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 07.12.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 08.12.2022	10.30 – 11.30 am	V SEM	Types of interaction between elementary particles
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 09.12.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 10.12.2022	10.30 - 11.30am	V sem	Nd:YAG laser
	12.30 am – 1.30pm	OE-3	Different forms of energy

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 12.12.2022	10.30 – 11.30 am	III SEM	Fresnel's diffraction
	11.30 – 5.00 pm		
TUESDAY 13.12.2022	10.30 – 11.30 am	OE-1	Production and extractiuon of nuclear energy
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 14.12.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 15.12.2022	10.30 – 11.30 am	V SEM	Conservation laws and quark model
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 16.12.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 17.12.2022	10.30 - 11.30am	V sem	Construction and working of DYE laser
	12.30 am – 1.30pm	OE-3	Student seminar

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 19.12.2022	9.30 – 10.30 am	III SEM	Fresnel's half period zone, diffraction by a circular aperture.
TUESDAY 20.12.2022	10.30 – 11.30 am	OE-1	Impact on environment and their issues and challenges.
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 21.12.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 22.12.2022	10.30 – 11.30 am	V SEM	Numerical problems
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 23.12.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 24.12.2022	10.30 - 11.30am	V sem	Numerical problems
	12.30 am – 1.30pm	OE-3	Physical activity

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 26.12.2022	9.30 am – 10.30 am	III SEM	Zone plate and comparison between zone plate and convex lens.
TUESDAY 27.12.2022	10.30 – 11.30 am	OE-1	Question paper discussion
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 28.12.2022	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 29.12.2022	10.30 – 11.30 am	V SEM	Numerical problems
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 30.12.2022	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 31.12.2022	10.30 - 11.30am	V sem	Question paper discussion
	12.30 am – 1.30pm	OE-3	Seminar

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 02.01.2023	9.30 – 10.30 am	III SEM	Polarization: introduction, production of polarized light and grid polarizer.
TUESDAY 03.01.2023	10.30 – 11.30 am	OE-1	Indian and world energy scenario with latest statistics.
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 04.01.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 05.01.2023	10.30 – 11.30 am	V SEM	Spectrometry, spectrograph
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 06.01.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 07.01.2023	10.30 - 11.30am	V sem	Diode laser
	12.30 am – 1.30pm	OE-3	Walking, physics behind walking

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 09.01.2023	10.30 – 11.30 am	III SEM	Superposition of two disturbances and double refraction.
TUESDAY 10.01.2023	10.30 – 11.30 am	OE-1	Ecofriendly green energy
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 11.01.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 12.01.2023	10.30 – 11.30 am	V SEM	Dempsters mass spectrograph
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 13.01.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 14.01.2023	MAKAR SANKRANTI		

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 16.01.2023	9.30 – 10.30 am	III SEM	Quarter wave plate and half wave plate
	11.00-5.00PM		NAAC work
TUESDAY 17.01.2023	10.30 – 11.30 am	OE-1	Seminar
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 18.01.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 19.01.2023	10.30 – 11.30 am	V SEM	Aston's mass spectrograph and bubble chamber
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 20.01.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 21.01.2023	10.30 - 11.30am	V sem	Material of laser diode
	12.30 am – 1.30pm	OE-3	Running, physics behind running

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 23.01.2023	9.30 – 10.30 am	III SEM	Analysis of poloarized light, optical acivity
	11.00-5.00PM		NAAC work
TUESDAY 24.01.2023	10.30 – 11.30 am	OE-1	Previous year questions discussion
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 25.01.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 26.01.2023	10.30 – 11.30 am	V SEM	Republic day
	2.00 – 5.00 pm	V sem	
FRIDAY 27.01.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 28.01.2023	10.30 - 11.30am	V sem	Quantum well lasers
	12.30 am – 1.30pm	OE-3	Weight management

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 30.01.2023	9.30 – 10.30 am	III SEM	Polarization: Problems
	11.00-5.00PM		NAAC work
TUESDAY 31.01.2023	10.30 – 11.30 am	OE-1	test
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 01.02.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 02.02.2023	10.30 – 11.30 am	V SEM	Numerical problems
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 03.02.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 04.02.2023	10.30 - 11.30am	V sem	Test
	12.30 am – 1.30pm	OE-3	Physics behind jogging

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY –ODD SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 06.02.2023	9.30 – 10.30 am	III SEM	Student seminar Helped with the university practical work
	11.00-5.00PM		NAAC work
TUESDAY 07.02.2023	10.30 – 11.30 am	OE-1	seminar
	2.00 – 5.00 pm	V sem	Conducted the practical
WEDNESDAY 08.02.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	V sem	Conducted the practical
THURSDAY 09.02.2023	10.30 – 11.30 am	V SEM	seminar
	2.00 – 5.00 pm	V sem	Conducted the practical
FRIDAY 10.02.2023	10.30 – 1.30 pm	V sem	Conducted the practical
	2.00 – 5.00 pm	V sem	Conducted the practical
SATURDAY 11.02.2023	10.30 - 11.30am	V sem	Seminar
	12.30 am – 1.30pm	OE-3	seminar

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PRINCIPAL

SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 17.04.2023	~~OOD~~		EVALUATION WORK
TUESDAY 18.04.2023	~~OOD~~		EVALUATION WORK
WEDNESDAY 19.04.2023	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm	VI sem lab	Discussed the experiments and conducted the practical
THURSDAY 20.04.2023	10.30 – 11.30 pm	VI Sem	Semiconductors: Discussed the syllabus and explained the basics of semiconductors
	11.30 am – 1.30 pm		Department NAAC work
	2.00pm – 5.00 pm	VI sem lab	Discussed the experiments and conducted the practical
FRIDAY 21.04.2023	10.30 – 1.30 pm	VI sem lab	Discussed the experiments and conducted the practical
	2.00 – 5.00 pm	VI sem lab	Discussed the experiments and conducted the practical
SATURDAY 22.04.2023	10.30 – 11.30 am	VI Sem	Optoelectronics: discussed the syllabus, introduction to photonics

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 24.04.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: discussed the syllabus, discussed the basic concepts of thermodynamics
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 25.04.2023	10.30 – 11.30 am	II OE theory	Medical physics: Discussed the syllabus Cell- introduction
	11.30 – 1.30 pm		Department work
WEDNESDAY 26.04.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical
THURSDAY 27.04.2023	9.30 am – 10. 30 am		Disciplinary committee work
	10.30 – 11.30 pm	VI Sem PCM theory	DSC: semiconductors, intrinsic semiconductors
	2.00 – 5.00 pm	IV sem LAB	Conducted practical
FRIDAY 28.04.2023	10.30 – 1.30 pm	VI sem LAB	Conducted practical
	2.00 – 5.00 pm	VI Sem LAB	Conducted practical
SATURDAY 29.04.2023	10.30 – 11.30 am	VI Sem PCM theory	SEC: Optoelectronics, semiconductor band theory
	11.30 -1.30 pm		Department work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 01.05.2023	HOLIDAY		
TUESDAY 02.05.2023	10.30 – 11.30 am	II OE theory	Medical physics: types of cells, tissues & their types, organs.
	11.30 – 1.30 pm		Department work
	2.00 – 5.00 pm	VI sem LAB	Conducted practical
WEDNESDAY 03.05.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical
THURSDAY 04.05.2023	9.30 am – 10. 30 am		Disciplinary committee work
	10.30 – 11.30 pm	VI Sem PCM theory	DSC: semiconductors, drift velocity, expression for holes and electrons concentration in an intrinsic semiconductor
	2.00 – 5.00 pm	IV sem LAB	Conducted practical
FRIDAY 05.05.2023	10.30 – 1.30 pm	VI sem LAB	Conducted practical
	2.00 – 5.00 pm	VI Sem LAB	Conducted practical
SATURDAY 06.05.2023	10.30 – 11.30 am	VI Sem PCM theory	SEC: Optoelectronics, introduction.

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 08.05.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: thermodynamic processes, types, zerow'th law
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 09.05.2023	HOLIDAY		ELECTION
WEDNESDAY 10.05.2023	HOLIDAY		ELECTION
THURSDAY 11.05.2023	CL		
FRIDAY 12.05.2023	10.30 – 11.30 am	VI Sem PCM theory	DSC: Semiconductors : expression for energy gap, Hall effect in semiconductor
	11.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	VI sem lab	Conducted practical
SATURDAY 13.05.2023	10.30 am – 11.30pm		SEC: Optoelectronics, Franz – keldysh effect

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 15.05.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: discussed the syllabus, discussed the basic concepts of thermodynamics
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 16.05.2023			
	10.30 – 11.30 am	II OE theory	Medical physics: organ system, classification
	2.00 – 5.00 pm	VI sem LAB	Conducted practical
WEDNESDAY 17.05.2023	CL		
THURSDAY 18.05.2023	9.30 am – 10. 30 am		Disciplinary committee work
	10.30 – 1.30 pm	VI Sem PCM theory	DSC: semiconductors, intrinsic semiconductors
	2.00 – 5.00 pm	IV sem LAB	Conducted practical
FRIDAY 19.05.2023	10.30 – 1.30 am	VI Sem LAB	Conducted practical
	2.00 – 5.00 pm	VI sem LAB	Conducted practical
SATURDAY 20.05.2023	9.30 – 10.30 am	IV Sem theory	Optoelectronics: concept of band theory, direct & indirect band gap, effect of electric field on absorption.
	10.30 am – 1.30pm		Department work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 22.05.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: expression for $PV^{\gamma} = constant$
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 23.05.2023	10.30 – 11.30 am	II OE theory	Medical physics: digestive system, its structure, function and working.
	11.30 – 1.30 pm		Department work
	2.00 – 5.00 pm	VI sem lab	Conducted the practical
WEDNESDAY 24.05.2023	10.30 – 1.30 am		NAAC work
	2.00 – 5.00 pm	VI sem lab	Conducted the practical
THURSDAY 25.05.2023	10.30 – 1.30 pm	CL	
	2.00 – 5.00 pm		
	10.30 – 1.30 pm		
FRIDAY 26.05.2023	2.00 – 5.00 pm	CL	
	10.30 – 11.30 am		
SATURDAY 27.05.2023	9.30 – 10.30 am	CL	
	10.30 am – 1.30pm		

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 29.05.2023	9.30 – 10.30 am	CL	
	10.30 am – 1.30pm		
TUESDAY 30.05.2023	2.00 pm – 5.00 pm		
	10.30 – 11.30 am	CL	
	9.30 – 10.30 am		
WEDNESDAY 31.05.2023	10.30 – 1.30 pm	CL	
	2.00 – 5.00 pm		
	9.30 am – 10. 30 am		
THURSDAY 01.06.2023	10.30 – 1.30 pm	CL	
	2.00 – 5.00 pm		
	10.30 – 1.30 pm		
FRIDAY 02.06.2023	2.00 – 5.00 pm	CL	
	10.30 – 11.30 am		
SATURDAY 03.06.2023	9.30 – 10.30 am	CL	
	10.30 am – 1.30pm		

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 05.06.2023	9.30 – 10.30 am	CL	
	10.30 am – 1.30pm		
TUESDAY 06.06.2023	2.00 pm – 5.00 pm	CL	
	10.30 – 11.30 am		
	9.30 – 10.30 am		
WEDNESDAY 07.06.2023	10.30 – 1.30 pm	CL	
	2.00 – 5.00 pm		
	9.30 am – 10. 30 am		
THURSDAY 08.06.2023	9.30 am – 10. 30 am		Disciplinary committee work
	10.30 – 1.30 pm	VI sem theory	Semiconductors: diode current, IV characteristics, bridge rectifier.
	2.00 – 5.00 pm	VI sem LAB	Conducted practical
FRIDAY 09.06.2023	2.00 – 5.00 pm	VI Sem LAB	Conducted practical
SATURDAY 10.06.2023	10.30 – 11.30 am	VI Sem PCM theory	SEC: Optoelectronics: LEDs, materials used for LEDs, Principle of action of LED
	11.30 am – 1.30pm		Helped with practical

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 12.06.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: Kelvin-Planck & their equivalence. reversible process, irreversible process. Heat engine: Carnot engine.
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 13.06.2023	10.30 – 11.30 am	II OE theory	Medical physics: Discussed the syllabus Cell- introduction
	11.30 – 1.30 pm		Department work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical
WEDNESDAY 14.06.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical test
THURSDAY 15.06.2023	9.30 am – 10.30 am		Disciplinary committee work
	10.30 – 11.30 pm	VI Sem PCM theory	DSC: semiconductors, intrinsic semiconductors
	2.00 – 5.00 pm	IV sem LAB	Conducted practical test
FRIDAY 16.06.2023	10.30 – 1.30 pm	VI sem LAB	Conducted practical test
	2.00 – 5.00 pm	VI Sem LAB	Conducted practical
SATURDAY 17.06.2023	10.30 – 11.30 am	VI Sem PCM theory	SEC: Optoelectronics, semiconductor band theory
	11.30 -1.30 pm		Department work

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 19.06.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: refrigeration and coefficient of performance. Application of Carnot engine
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		Admission work
TUESDAY 20.06.2023	10.30 – 11.30 am	II OE theory	Medical physics: respiratory system and its structure and function.
	11.30 – 1.30 pm		Department work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical test
WEDNESDAY 21.06.2023	10.30 – 1.30 pm		NAAC work
	2.00 – 5.00 pm	VI SEM LAB	Conducted practical test
THURSDAY 22.06.2023	CL		
FRIDAY 23.06.2023	10.30 – 1.30 pm	VI sem LAB	Conducted practical test
	2.00 – 5.00 pm	VI Sem LAB	Conducted practical test
SATURDAY 24.06.2023	CL		

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 26.06.2023	9.30 – 10.30 am	IV Sem theory	Thermodynamics: thermodynamic scale of temperature. Concept of entropy
	10.30 am – 1.30pm		Department work
	2.00 pm – 5.00 pm		C2 TEST
TUESDAY 27.06.2023	10.30 – 11.30 am	II OE theory	Admission work
	11.30 – 1.30 pm		Medical physics: nervous system, structure and function.
	2.00 – 5.00 pm	VI SEM LAB	Department work
WEDNESDAY 28.06.2023	10.30 – 1.30 pm		Conducted practical test, repetition
	2.00 – 5.00 pm	VI SEM LAB	NAAC work
			Conducted practical test, repetition
THURSDAY 29.06.2023	HOLIDAY		
FRIDAY 30.06.2023	12.30 – 1.30 pm	VI sem LAB	Conducted practical test, repetition
	3.00 – 6.00 pm	VI SEM LAB	Conducted practical test, repetition
SATURDAY 01.07.2023	10.30 – 11.30 am	VI sem theory	Optoelectronics: performance Characteristics of LED- optical output power.

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 17.07.2023	10.30 – 11.30 am	VI B	Helped with the university practical work
TUESDAY 18.07.2023	11.30 – 12.30 am	II B	Helped with the university practical work
	2.00 – 5.00 pm	VI SEM LAB	
WEDNESDAY 19.07.2023	10.30 – 11.30 am	VI A	Helped with the university practical work
	2.00 – 5.00 pm	VI SEM LAB	
THURSDAY 20.07.2023	10.30 – 1.30 pm	II SEM LAB	Helped with the university practical work
	2.00 – 5.00 pm	IV SEM LAB	Helped with the university practical work
			Helped with the university practical work
FRIDAY 21.07.2023	12.30 – 1.30 pm	II A	Arrangement of apparatus to stores
	3.00 – 6.00 pm	VI SEM LAB	
SATURDAY 22.07.2023	10.30 – 1.30 am		Arrangement of apparatus to stores

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SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 24.07.2023	10.30 – 11.30 am	VI B	Finalized the IA marks for CBCS final semster
TUESDAY 25.07.2023	11.30 – 12.30 am	II B	Finalized the IA marks for NEP IV and II semester
	2.00 – 5.00 pm	VI SEM LAB	
WEDNESDAY 26.07.2023	10.30 – 11.30 am	VI A	Uploaded the IA marks in the university portal
	2.00 – 5.00 pm	VI SEM LAB	
THURSDAY 27.07.2023	10.30 – 1.30 pm	II SEM LAB	Uploaded the IA marks in the university portal
	2.00 – 5.00 pm	IV SEM LAB	
FRIDAY 28.07.2023	12.30 – 1.30 pm	II A	Helped with the department exam contingency paper work.
	3.00 – 6.00 pm	VI SEM LAB	
SATURDAY 29.07.2023	HOLIDAY		

SIGNATURE

HOD

SARADA VILAS COLLEGE, MYSORE.
DEPARTMENT OF PHYSICS.
WORK DIARY – EVEN SEMESTER - 2022-23

M R PRATHAP

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 31.07.2023	10.30 – 11.30 am	VI B	Helped with the university practical work
TUESDAY 01.08.2023	11.30 – 12.30 am	II B	Invigilation work
	2.00 – 5.00 pm	VI SEM LAB	
WEDNESDAY 02.08.2023	10.30 – 11.30 am	VI A	
	2.00 – 5.00 pm	VI SEM LAB	
THURSDAY 03.08.2023	10.30 – 1.30 pm	II SEM LAB	
	2.00 – 5.00 pm	IV SEM LAB	
FRIDAY 04.08.2023	12.30 – 1.30 pm	II A	
	3.00 – 6.00 pm	VI SEM LAB	
SATURDAY 05.08.2023	10.30 – 1.30 am		

SIGNATURE

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PRINCIPAL

PROGRAM OUTCOMES

Department of physics
Course outcome: B.Sc.

- PO1: Explain one dimensional motion and dependence of force on position. velocity and time.
- PO2: Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges. Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics.
- PO3: Understand linear, time invariant system. Understand the roll of wave equations and appreciate the universal nature of wave motion in a range of physical systems.
- PO4: learn about one of the fundamental interactions of electricity and magnetism, both as separate phenomena and as a singular electromagnetic force. The course contains vector analysis, electrostatics, magnetism, electromagnetic induction, and Maxwell's equations.
- PO5: Demonstrate conceptual understanding of fundamental physics principles. Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques. They can explain radioactive decay. They can explain nuclear reactions.
- PO6: Understanding the basic concepts of superconductivity. Understanding the basic concepts of the X-rays. They can explain theory of relativity. They can explain basics aspects of crystallography. This gives knowledge about statistical physics. They can explain the electrical properties of solids. Understanding about the semiconductors and their devices.

Department of mathematics

- PO1: Learn to solve system of linear equations. Solve the system of homogeneous and non-homogeneous linear of m equations in n variables by using concept of rank of matrix.
- PO2: Enhance learning in Algebra and Differential Equations. Apply the concepts of algebra in practical problems. Solve various differential equations of practical interest.
- PO3: Learn the concept of Divisibility. Learn about prime and composite numbers. Learn the concept of congruences and its applications.
- PO4: Enhance learning in Analysis and Differential Equations. Apply the concepts of analysis in practical problems. Solve various differential equations of practical interest.
- PO5: Define various mathematical structures such as sequences, series, rings, domains, fields and polynomials and various terminologies such as convergence, divergence, limits of sequences and series.
- PO6: Define various mathematical structures such as vector space, sub-space, Linear combination, linearly dependent and independent sets over a field. Give various kinds of examples and non-examples to the above-mentioned structures.

Department of botany

- PO1: Understand the fascinating diversity, evolution, and significance of microorganisms. Comprehend the systematic position, structure, physiology and life cycles of microbes and their impact on humans and environment.
- PO2: Understand the diversity and affinities among Algae, Bryophytes, Pteridophytes and Gymnosperms. Understand the morphology, anatomy, reproduction and life cycle across Algae, Bryophytes, Pteridophytes and Gymnosperms, and their ecological and evolutionary significance.
- PO3: Observation of variations that exists in internal structure of various parts of a plant and as well as among different plant groups in support for the evolutionary concept.

- PO4: Observation of variations that exist in internal structure of various parts of a plant and as well as among different plant groups in support for the evolutionary concept.
- PO5: Ability to identify, classify and describe a plant in scientific terms, thereby, Identification of plants using dichotomous keys. Skill development in identification and classification of flowering plants.
- PO6: Ability to identify, classify and describe the plants in scientific terms. Identification of plants using dichotomous keys. Recognition, processing, and utilization of economically important plants.

Department of microbiology and biotechnology

BIOTECHNOLOGY

- PO1: Explain the History and origins of cell theory along with the detailed structure of plant and animal cells and their organelles along with the different phases of cell division, and the regulation & significance of cell cycle.
- PO2: Explain important contributions of major scientists from the field of microbiology. Explain the concept of cells and their classification into Prokaryotic &amp, Eukaryotic forms.
- PO3: Explain the chemical makeup of life such as carbohydrates, proteins, nucleic acids, and fats. Provide the classifications, structural & chemical properties, role & biological importance of Carbohydrates,
- PO4: Explain the history and important experiments in molecular biology involving DNA. Describe the concept of gene and the detailed mechanism of transcription, translation and regulation processes in prokaryotic &amp, eukaryotic organisms.
- PO5: Explain the history and important experiments in molecular biology involving DNA. Describe the concept of gene and the detailed mechanism of transcription, translation and regulation processes in prokaryotic &amp, eukaryotic organisms.
- PO6: Give historical account on importance & developments of Biotechnology and role of microbes in industrial production/fermentation processes.

MICROBIOLOGY

- PO1: Explain the History of development of genetics and the Mendelian laws of inheritance along with deviations from the laws and inheritance pattern due to interaction of genes.
- PO2: Explain the principal & applications of growth measurement, light & electron microscopy. Explain the principle &amp, applications of sterilization techniques.
- PO3: Describe the biochemical pathways involved in metabolic processes involving above biomolecules. Describe the different types of Bioanalytical tools used in quantitative and qualitative analysis of biomolecules such as electrophoresis, Spectroscopy &amp, Radioisotope techniques.
- PO4: Describe the concept of Fidelity of translation and post translational modification. Explain the principal & steps involved in deciphering of genetic code, and its universality.
- PO5: Describe the principle and role of various tools such as enzymes, vectors, plasmids, and cloning hosts, along with their characteristics with suitable examples.
- PO6: Explain the steps in production of GMOs as food & agricultural products, along with common methods used in gene editing and transfer in plants.

Department of Biochemistry

- To create interest in Biochemistry and appreciation for chemical
- basis of biological processes. Be able to demonstrate accurate quantitative and qualitative analysis. Be able to Understand and effectively apply scientific ethics.
- To create interest in Biochemistry and appreciation for chemical basis of biological processes.
- Be able to demonstrate accurate quantitative and qualitative analysis. Be able to Understand and effectively apply scientific ethics.

- Through this course the students are exposed to the importance of biological macromolecules. They study the influence and role of structure in reactivity of biomolecules.
- Be able to Understand and effectively apply scientific ethics. Through this course the students are exposed to the importance of biological macromolecules.
- At the end of the course, the students have a thorough understanding on the role of biomolecules and their functions.

Department of Computer Science:

- PO1: Confidently operate computers to carry out computational tasks Understand working of Hardware and Software and the importance of operating systems.
- PO2: Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms.
- PO3: Explain the object-oriented concepts and JAVA. Write JAVA programs using OOP concepts like Abstraction, Encapsulation, Inheritance and Polymorphism.
- PO4: Explain the various database concepts and the need for database systems. Identify and define database objects, enforce integrity constraints on a database using DBMS. Demonstrate a Data model and Schemas in RDBMS.
- PO5: Identify the role of Operating System. To understand the design of control unit. Understanding CPU Scheduling, Synchronization, Deadlock Handling and Comparing CPU Scheduling Algorithms. Solve Deadlock Detection Problems.
- PO6: Understanding of the basic concepts of data communications and networking. The purpose of network layered models, the Open System Interconnect (OSI) and the Internet Model using TCP/IP protocols.

Department of chemistry PG

Course: Inorganic chemistry

- **CO1:** Students will be able to understand the concept of structural arrangements of different ionic crystals, hybridizations of inorganic molecules and their molecular treatment.
- **CO2:** Students will be able to understand the theories of acids and bases and their applications in various fields.
- **CO3:** Students will be able to understand the periodic properties, trends and separation of f-block elements, and their uses in medicinal field.
- **CO4:** Students will be able to understand the concept, theories and various factors that effects the formation of coordination compounds.
- **CO5:** Based on the various theories of coordination compounds students can understand electronic transitions, terms, and symbols, Orgal and Tanabe Sugano diagrams, charge transfer spectra and magnetic properties.
- **CO6:** Students will be able to understand reactions, mechanisms, stereochemistry, photochemistry of coordination compounds.
- **CO7:** To learn the fundamentals, preparation, nature of bonding that exists in organometallic compounds.
- **CO8:** Students will gain the knowledge of catalytic activity and uses oforganometallic compounds in various industrial large-scale synthesis of chemicals.
- **CO9:** To acquire the knowledge of structure and synthetic applications of metallic clusters, silicates, and silicones.
- **CO10:** Able to understand the role various metal ions in biological systems and their interactions.
- **CO11:** To learn the concept of chemistry involved in oxygen transport, enzymes activity electrons transport in various biological systems.
- **CO12:** To understand the deficiency, causes and treatment caused due to variation in ions deficiency

Course: Organic chemistry

- **CO1:** Students understand the different types of representation of organic molecules, optical activity, selectivity, and their conformational analysis.
- **CO2:** The basic concepts of organic reactions, aromatic systems, and determination of reaction mechanism.
- **CO3:** To study the basic reactions, their diversifications, and some named reactions.
- **CO4:** To learn the concept of oxidation and reductions by catalyst, various reagents, and named reactions.
- **CO5**: A study on reagents and reactions in multi-step organic synthesis.
- **CO6:** Study of molecular rearrangements and retro synthesis by disconnection approach.
- **CO7:** Students will be able to understand photochemical reactions, their associated reactions, and pericyclic reactions.
- **CO8:** To understand the concepts and reactions of organometallic compounds.
- **CO9:** To gain the knowledge of asymmetric synthesis, topo city, reactions involving asymmetric catalyst and reagents.
- **CO10:** To know the concept of occurrence, structure, reactivity, and synthesis of some important heterocycles.
- **CO11:** Students will be able to understand the carbohydrate chemistry, their structural variations in nature and study of biological importance.
- **CO12:** Students will be able to understand the amino acids, proteins and nucleic acids chemistry, their structural variations in nature and study of biological importance.

Course: Physical chemistry

- **CO1:** Students will gain the knowledge of entropy, free energy, partial molar properties, fugacity, activity, and thermodynamics of dilute solutions.
- **CO2:** Students will learn the concepts of kinetics of complex reactions, theories of reaction rates, potential energy surfaces, reactions in solutions and fast reactions.
- **CO3:** Students will be able to understand the concept of electrochemistry of solutions, energetic of cell reactions and irreversible process of electrodes.
- **CO4:** Gain the knowledge of Schrodinger wave equation, concept of operators, postulates of quantum mechanics, Eigen functions, Eigen values and applications of Schrodinger wave equation.
- **CO5:** Acquire the knowledge of thermodynamic probability, partition functions, different distribution laws and phase rule studies.
- **CO6:** Students will gain the knowledge of fundamentals of polymers, polymerization, determination of molecular weights, kinetics of polymerization, phase transitions in polymers, thermal characterization, polymers in solutions and colloids.
- **CO7:** Gain the knowledge of homogeneous catalysis, kinetics of enzymes, linear free energy relationship, and kinetic isotope effect.
- **CO8:** They will learn the concepts of electrochemical cells, batteries, electroplating, basis of electrochemical corrosion, thermodynamic aspects of corrosion and corrosion inhibition mechanism.

- **CO9:** Students will be able to understand the concepts of crystals such as experimental methods to determine the crystal structures and imperfections in atomic packing and its physical properties.
- **CO10:** Students will gain the knowledge of laws of photochemistry, quantum yield and its determination, term symbols for atoms and its significance, and photochemical kinetics.
- **CO11:** They will learn the concepts of interaction of electromagnetic radiation with matter, chemical dosimetry, ^{14}C dating, hazards in radiochemical work and radiation protection, and radiation detection and measurement.
- **CO12:** Students will gain the knowledge of radioactive decay, nuclear reactions, production of radioisotopes and labeled compounds by bombardment, radiochemical separation techniques, and nuclear power reactors.

Course: Analytical chemistry

- **CO1:** To learn Analytical chemistry, errors, calibration and measurement and figuresof merit of analytical method.
- **CO2:** Learn the concepts of preparing samples for analysis, titrimetric analysis, and acid- base titrations in aqueous media.
- **CO3:** Students will learn the precipitation, complexometric and redox titrations.
- **CO4:** To learn the concepts of group theory, points group, and its application.
- **CO5:** Learn the concepts of microwave, vibration, and Raman spectroscopy.
- **CO6:** Learn the concepts of UV- visible spectroscopy and its application.
- **CO7:** Learn the concepts of NMR Spectroscopy and ^{13}C-NMR Spectroscopy and its application and multiple resonance spectroscopy.
- **CO8:** Students gain knowledge of electron spin resonance spectroscopy and NQR, Mossbauer and photoelectron spectroscopy.
- **CO9:** Students understand the concepts of IR and Mass spectroscopy and its applications.
- **CO10:** Students learn the concepts of atomic and molecular spectroscopy with instrumental method and learn plasma emulsion, flame emulsion and X-Ray spectroscopy with instrumentation and application.
- **CO11:** Learn the concepts of Thermogravimetric analysis and differential thermal analysis, differential scanning calorimetry and microcalorimetry.
- **CO12:** Learn the concepts of kinetic methods of analysis; it includes order of reaction, rates of reaction. Learn brief outline of IR, NMR, and Mass spectroscopy as tools for kinetic study.

Department of commerce (BBA, B. Com)

- Understand the process of recording and classifying business transactions and events. Understand the financial statements, viz., Profit and Loss Account, Balance Sheet, and cash flow statement of a sole proprietor.

- Understand and analyze the financial statements from different the perspective of different stakeholders using ratio analysis.
- Understanding of financial distress or bankruptcy prediction and how to analyze management quality means the concept of beyond balance sheet.
- Describe the primary functions of Management. Explain the process and techniques of individual and group decision making.
- Recognize the importance of Employee Motivation and how to improve it.
- Describe the methods of encouraging ethical behavior and good corporate practices.