Sarada Vilas Educational Institutions (R.)

Phone : 0821 - 2332479 Fax : 0821 - 2330221



SARADA VILAS COLLEGE

Krishnamurthypuram, Mysuru - 570 004 (Affiliated to the University of Mysore) Reaccredited by NAAC with A grade (CGPA : 3.19) E-mail : principal@saradavilas.com Website : www.saradavilas.com

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

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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

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

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

UNIVERSITY

Estd 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 01.09.2023

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

Notification

OF MYSORE

Sub:- Syllabus and Scheme of Examinations of Physics (UG) (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office letter No: AC6/303/2022-23 dated: 28-07-2023.

2. Decision of BOS in Physics (UG) meeting held on 07-08-2023.

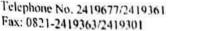
The Board of Studies in Physics (UG) which met on 07-08-2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Physics programme (V & VI Semester) with effect from the Academic year 2023-24.

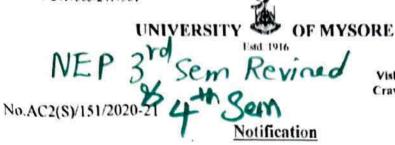
Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., www.uni-mvsore.ac.in.

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 Director, Distance Education Programme, Moulva Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, Manasagangothri, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- 8. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
- 9. Office Copy.





VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated:10.10.2022

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.
 - 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., <u>www.uni-mysore.ac.in</u>.

Draft Approved by the Registrar

DeputyRegistrar(Academic) Deputy Registrar (Academic) University of Mysone 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.
- 5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 6. The Director, PMEB, Manasagangothri, Mysore.
- 7. Director, College Development Council, Manasagangothri, Mysorc.
- 8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
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- 10. Office Copy.

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

UNIVERSITY

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 01.09.2023

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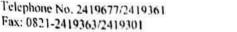
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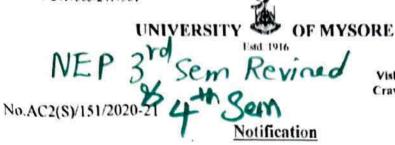
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- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
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VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated:10.10.2022

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.
 - 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., <u>www.uni-mysore.ac.in</u>.

Draft Approved by the Registrar

DeputyRegistrar(Academic) Deputy Registrar (Academic) University of Mysone 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.
- 5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
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- 8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
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Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 26-10-2021

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

Notification

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

- Ref:- 1. Decision of Board of Studies in Chemistry (UG) meeting held on 01-10-2021.
 - 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 Chemistry (UG) which met on 01-10-2021 has recommended & approved the syllabus and pattern of Examination of Chemistry 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., <u>www.uni-mysore.ac.in</u>.

Registrar Registrar University of Mysere

<u>To:-</u>

- 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 Chemistry, 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.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.

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

UNIVERSIT OF MYSORE Estd 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 26-10-2021

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

Notification

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

- Ref:- 1. Decision of Board of Studies in Mathematics (UG) meeting held on 27-09-2021.
 - 2. Decision of the Faculty of Science & Technology Meeting held on 16-10-2021.
 - Decision of the Academic Council meeting held on 22-10-2021.

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The Board of studies in Mathematics (UG) which met on 27-09-2021 has recommended & approved the syllabus and pattern of Examination of Mathematics 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

Registra qistrar University of Mysore VSOR

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 Mathematics, Manasagangothri, Mysore.
- 4. The Dean, Faculty of Science & Technology, DoS in Psychology, MGM. Distance Education Programme, Manasagangotri, Mysuru. Moulya Bhavan,
- 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. 0 The PA to Vice Chancellor/ Resister/ Resister (Evaluation) University of

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

UNIVERSIT OF MYSORE

Estd 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated:10.10.2022

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

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

To:-

- CHA/10 DeputyRegistrar(Academic) eputy Registrar (Academic)
- QUaiversity of Mysore
- 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. Distance Education Programme, Moulya Manasagangotri, Mysuru. Bhavan,
- 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 10. Office Copy.

7. Office Copy.

Ph. Not 2419567/700 Paxt 0821-2419363/2419301 e-mail : <u>pmeb@uni-mysore.ac.in</u> www.uni-mysore.ac.in



std. : 1916

Vishwavidyanilaya Karya Sodha Crawford Hall, Mysuru-570005

(Re-accredited by NAAC at "A" Grade) (overall Ranking 71" and Universities 44th in NIRF Ranking 2023)

No. PMEB-5/31/Spl./2022-23

Date : 29.02.2024

NOTIFICATION

Sub. : Re-Constitution of the Board of Studies in B.Sc. (Hons.) (Data Science and Artificial Intelligence) (UG).

Ref. : 1) Letter received from the Principal, Sarada Vilas College, Krishnamurthypuram, Mysuru dated 31.01.2024.

2) Hon'ble Vice-Chancellor's order dated 28.02.2024.

Pursuant to the approval of the Hon'ble Vice-chancellor and pending approval of the University Syndicate, the Board of Studies in **B.Sc. (Hons.) (Data Science and Artificial Intelligence) (UG)** is re-constituted as per the Statutes framed under Section 33 (1) and (2) of the Karnataka State Universities Act 2000, with the following members for a period of **three years** from the date of this notification or until further orders, whichever is earlier.

1	Prof. Suresha DoS in Computer Science, Manasagangothri, Mysuru.	Chairman
2	Dr. M. Devika Principal, Sarada Vilas College, Krishnamurthypuram, Mysuru	Member
3	Sri Mohan Krishna B.G. Industrial Expert, Sarada Vilas Educational Institution, Krishnamurthypuram, Mysuru	Member
4	Sri Akshaya H.L. Asst. Professor, Sarada Vilas College, Krishnamurthypuram, Mysuru	Member
5	Dr. K.S. Manjunatha Professor, Dept. of Computer Science, Maharani's Science College for Women, Mysuru	Member

To;

Chairman and all the Concerned Members.

Copy to;

- 1. The Principal, Saradavilas College, Krishnamurthypuram, Mysuru-570 004.
- 2. Prof. Soner-Nandappa, Dean, Faculty of Science and Technology, DoS in Mathematics, Manasagangothri, Mysuru.
- 3. The Registrar (Evaluation), University of Mysore, Mysuru.
- 4. The Finance Officer, University of Mysore, Mysuru.
- 5. The Deputy Registrar (Authorities), AB, University of Mysore, Mysuru.
- 6. P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), University of Mysore, Mysuru.
- 7. Office Copy.

ದೂರವಾಣ ಸಂಖ್ಯ 2419700/2419567 ಕ್ಯಾಕ್ಸ್: 0821-2419363/2419301

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

• mall : pmeb@uni-mysorc.ac.in www.uni-mysorc.ac.in

ಎಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾರ್ಯಸೌಧ. ಕ್ರಾಫರ್ಡ್ ಭವನ, ಮೈಸೂರು–570005

(Re-accredited by NAAC at "A" Grade) (overall Ranking 71" and Universities 44" in NIRF Ranking 2023)

取の起: む.のの. R.D. -5/Spl.-31/2022-23

ದಿನಾಂಕ: 02.01.2024

ಇವರಿಗೆ:

ಅಧ್ಯಯನ ಮಂಡಳಿಯ ಅಧ್ಯಕ್ಷರು/ಸದಸ್ಯರುಗಳು Specialized Programme ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಅಧ್ಯಯನ ಮಂಡಳಿಯ ವಾರ್ಷಿಕ ಸಭೆಯನ್ನು ಏರ್ಪಡಿಸುವ ಬಗೆಗೆ

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ Specialized Programme ಅಡಿಯಲ್ಲಿ ರಚಿತವಾಗಿರುವ ಅಧ್ಯಯನ ಮಂಡಳಿಗಳು ವಾರ್ಷಿಕ ಸಭೆಗಳನ್ನು ದಿನಾಂಕ <u>30.01.2024</u>ರೊಳಗೆ ಏರ್ಪಡಿಸಿ, Specialized Programmeನಡಿ ಮಾನ್ಯತೆ ಪಡೆದ ಕೋರ್ಸ್ಗಳ ಪಠ್ಯಕ್ರಮಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ತಮ್ಮ ಶಿಫಾರಸ್ಸುಗಳಿದ್ದಲ್ಲಿ, ಸದರಿ ಶಿಫಾರಸ್ಸುಗಳನ್ನು ಸಭೆಯ ನಡಾವಳಿ ಪತ್ರದೊಂದಿಗೆ ಈ ಕಛೇರಿಗೆ (ಪಿ.ಎಂ.ಇ.ಬಿ.) ಜರೂರಾಗಿ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸುವಂತೆ ತಿಳಿಸಲಾಗಿದೆ.

ವಾರ್ಷಿಕ ಸಭೆಯಲ್ಲಿ ಪಾಲಿಸಬೇಕಾದ ನಿಯಮಗಳು:

- ಯು.ಜಿ.ಸಿ. ಮಾರ್ಗಸೂಚಿಯನ್ವಯ ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದಲ್ಲಿ ಬೋಧಿಸಲ್ಪಡುತ್ತಿರುವ ಎಲ್ಲಾ ವಿಷಯಗಳ ಪಠ್ಯಕ್ರಮವನ್ನು ಪ್ರತಿ 03 ವರ್ಷಗಳಿಗೊಮ್ಮೆ ಪರಿಷ್ಕರಿಸುವುದು.
- ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾನಿಲಯಗಳ ಕಾಯ್ದೆ 59(2)ರನ್ವಯ ಯಾವುದೇ ಹೊಸ ಕೋರ್ಸ್ಗಗಳು/ಡಿಪ್ಲೊಮೊಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಸಂಬಂಧಪಟ್ಟ ಪ್ರಾಧಿಕಾರಗಳಿಂದ (ಉದಾ: NCTE, ICAR ಮುಂತಾದವು) ಅನುಮತಿಯನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಪಡೆದುಕೊಳ್ಳಬೇಕಾಗಿರುತ್ತದೆ. ಈ ಅಂಶವನ್ನು ಗಮನಿಸುವುದು.
- 3. 2024-25ನೇ ಸಾಲಿನಿಂದ ಜಾರಿಗೊಳಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮಗಳ ಬದಲಾವಣೆಗಳು ಏನಾದರೂ ಇದ್ದಲ್ಲಿ.
- 4. 2024-25ನೇ ಸಾಲಿನಿಂದ ಜಾರಿಗೊಳಿಸಬೇಕಾದ ಸ್ನಾತಕೋತ್ತರ/ಸ್ನಾತಕ ಪದವಿ/ ಡಿಷ್ಲೊಮೊ/ ಸರ್ಟಿಫಿಕೇಟ್ ಇತ್ಯಾದಿ ಹೊಸ ಶಿಕ್ಷಣಗಳ ಬಗ್ಗೆ ಶಿಫಾರಸ್ಸು ಇದ್ದಲ್ಲಿ ಹಾಗೂ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್, ಬೆಂಗಳೂರುರವರು ಕಾಲಕಾಲಕ್ಕೆ ಪಠ್ಯಕ್ರಮಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ನೀಡುವ ನಿರ್ದೇಶನದಂತೆ ಕ್ರಮವಹಿಸುವುದು.
- ಸಭೆಯ ಸೂಚಿಪತ್ರ ಮತ್ತು ಕಾರ್ಯಸೂಚಿ (Meeting Notice and Agenda) ಇತ್ಯಾದಿಗಳನ್ನು ಸಂಬಂಧಪಟ್ಟವರಿಗೆ Certificate of Posting/Courier ಮುಖಾಂತರ ಕಳುಹಿಸಿ, ಅಗತ್ಯ ಸ್ವೀಕೃತಿ ಪಡೆಯುವುದು. ಸಭೆಯ ಸೂಚಿಪತ್ರ ಮತ್ತು ಕಾರ್ಯಸೂಚಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ಈ ಕಛೇರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಕಳುಹಿಸಬಹುದಾಗಿದೆ.
- 6. ಸಭೆಯಲ್ಲಿ ತೆಗೆದುಕೊಂಡ ನಿರ್ಣಯಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ದಾಖಲಿಸಿದ ನಡಾವಳಿಯನ್ನು ಸಿದ್ಧಪಡಿಸಿ, ಸಭೆಯಲ್ಲಿ ಹಾಜರಿರುವ ಎಲ್ಲಾ ಸದಸ್ಯರ ಸಹಿ ಪಡೆಯಬೇಕು. ಸಭೆಯಲ್ಲಿ ಹಾಜರಿದ್ದ ಮತ್ತು ಹಾಜರಿಲ್ಲದ ಸದಸ್ಯರ ಹೆಸರುಗಳನ್ನು ನಡವಳಿಯಲ್ಲಿ ದಾಖಲಿಸಬೇಕು.

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ಮ.ತಿ.ನೋ.

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ದೂರವಾಣಿ : 0821 - 2332479 ಫ್ಯಾಕ್ಸ್ : 0821 - 2330221



ಕೃಷ್ಣಮೂರ್ತಿಪುರಂ, ಮೈಸೂರು – 570 004 ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದಿಂದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ NAAC ನಿಂದ A ಗ್ರೇಡ್ (CGPA : 3.19) ಮರುಮೌಲ್ಯಾಂಕನ ಪಡೆದಿದೆ

ಇ–ಮೇಲ್ : principal@saradavilas.com ವೆಬ್ ಸೈಟ್ : www.saradavilas.com

ಕಾ. ಎಂ. ದೇವಿಕಾ, ಎಂ.ಎಸ್ಸಿ. ಎಂ.ಫಿಲ್., ಪಿಹೆಚ್.ಡಿ. ಗ್ರಾಂಶುಪಾಲರು ೊಬೈಲ್ : 9880024483 6 V C / ನಿ L T / ನಿಂನಿ 3 ನಿ L ಗೆ.

ದಿನಾಂಕ:31.01.2024

ಕುಲಸಚಿವರು ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕ್ರಾಫ಼ರ್ಡ್ ಭವನ, ಮೈಸೂರು

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಅಧ್ಯಯನ ಮಂಡಳಿಯನ್ನು ಪುನರ್ ರಚಿಸಿಕೊಡುವಂತೆ ಕೋರಿ. ಉಲ್ಲೇಖ:No.UA2/158/2017-18 Dated: 22.05.2020

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, B.Sc (Hon's) Data Science and Artificial Intelligence ಕೋರ್ಸ್ ಮೈಸೂರಿನ ಶಾರದಾ ವಿಲಾಸ ಕಾಲೇಜು ಮಾನ್ಯತೆ ಪಡೆದುಕೊಂಡಿದ್ದು, 2020-21ರ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಲ್ಲಿ ಅಧ್ಯಯನ ಮಂಡಳಿಯನ್ನು ರಚಿಸಲಾಗಿರುತ್ತದೆ. ಪ್ರಸ್ತುತ ಮೇಲ್ಕಂಡ ಕೋರ್ಸ್ ಗೆ ಕಾಲೇಜಿನ ವತಿಯಿಂದ ಸೂಚಿಸಿರುವ ಸದಸ್ಯರುಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ಅಧ್ಯಯನ ಮಂಡಳಿಯನ್ನು ಪುನರ್ ರಚಿಸಿಕೊಡುವಂತೆ ಈ ಮೂಲಕ ಕೋರಲಾಗಿದೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

Dr. SURESHA Professor Department of Studies in Computer Science University of Mysore Manasagangotri, Mysore - 570 006 Faundataka, INDIA



ತಮ್ಮ ವಿಶ್ವಾಸಿ,

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Dr. M Devika MSC, M.Phil., Ph.D. Principal Sarada Vilas Collego. Urichnamunhyparam, Mysun

D NO- 114

Tel No. 2419700/2419567 Fax: 0821-2419363/2419301

Email: registrar@uni-mysore.ac.in www.uni-mysore.ac.in

UNIVERSITY

Vishwavidyanilaya Karyasoudha Crawford Hall, Mysore 570 005

Date: 14-10-2020.

(Re-accredited by NAAC at "A" Grade with a CGPA of 3.47) (NIRF-2020 Ranked 27 in University Category & 47 in Overall Category)

No.: PMEB/AC10/759/2019-20

NOTIFICATION

Sub: Introduction of B.Sc.(Hon's) (Data Science & Artificial Intelligence) course under Specialized Programme from the academic year 2020-21- reg.

Ref: 1. Decision of the BOS Meeting held on 11-06-2020.

2. Decision of the Academic Council meeting held on 14-09-2020.

....

The Board of Studies in B.Sc.(Hon's) in Data Science & Artificial Intelligence(UG) at its meeting held on 11-06-2020 has recommended to introduce B.Sc.(Hon's) (Data Science & Artificial Intelligence) course in University of Mysore under specialized/specified program. The Regulations, Syllabus and Scheme of Examination was approved from the academic year 2020-21.

The Academic Council has also approved the above said proposals at its meeting held on 14-09-2020 and the same is hereby notified.

The Regulations, Syllabus of B.Sc.(Hon's) (Data Science & Artificial Intelligence) course is uploaded in University website. The contents may be downloaded from the University website <u>www.uni-mysore.ac.In.</u>

To;

- 1. The Registrar(Evaluation), University of Mysore, Mysuru.
- 2. The Dean, Faculty of Science & Technology, DOS in Psychology, MGM.
- Prof. Suresha, Chairperson, BOS in B.Sc.(Hon's) in Data Science & Artificial Intelligence(UG). DoS in Computer Science, MGM.
- Sri B.S.Parthasarathy, President, Sarada Vilas Educational Institutions, Saradavilas Road, Krishnamurthy Puram, Mysuru.
- 5. The Deputy Registrar/ Asst. Registrar/ Superintendent, Examination Branch, UOM, Mysuru.
- 6. The Special Officer to Hon'ble Vice-Chancellor, University of Mysore, Mysuru.
- 7. The PA to Vice-Chancellor/Registrar/Registrar(Evaluation), University of Mysore, Mysuru.
- 8. Office Copy.

Tel. No. 2419700/2419567 Fax: 0821-2419363/2419301

Email: registrar@uni-mysore.ac.in

www.uni-mysore.ac.in

UNIVERSIT OF MYSORE

> Vishwavidyanilaya Karyasoudha Crawford Hall, Mysuru- 570 005

(Re-accredited by NAAC at 'A')

(NIRF-2022 Ranked 33 in University Category & 54 in Overall Category)

No.: PMEB-1/Spl./28(4)/2021-22

Date: 17-04-2023

NOTIFICATION

- Sub.: Syllabus and Examination pattern of B.Sc. (Hons.)(Data Science & Artificial Intelligence) course under Specialized Programme from the academic year 2023-24 reg.
- Ref.: 1. Decision of the BOS Meeting held on 04-03-2023.
 - 2. Decision of the Faculty of Science & Technology meeting held on 15-03-2023.
 - 3. Decision of the Academic Council meeting held on 24-03-2023.

The Board of Studies in B.Sc. (Hons.)(Data Science & Artificial Intelligence) (UG) at its meeting held on 04-03-2023 has recommended the approval of scheme of examination and 4 years syllabus of B.Sc. (Hons.)(Data Science & Artificial Intelligence) course in University of Mysore under specialized/specified program from the academic year 2023-24 as per NEP-2020 guidelines.

The Faculty of Science & Technology and the Academic Council at their meetings held on 15-03-2023 and 24-03-2023 respectively, have also approved the above proposal and the same is hereby notified.

The syllabus of B.Sc. (Hons.)(Data Science & Artificial Intelligence) course may be downloaded from the University website https://uni-mysore.ac.in/PMEB/.

To:

- 1. The Registrar (Evaluation), University of Mysore, Mysuru.
- 2. The Dean, Faculty of Science & Technology, DoS in Earth Science, Manasagangothri, Mysuru.
- 3. Prof. Suresha, DoS in Computer Science, Manasagangothri, Mysuru.
- 4. The Principal, Sarada Vilas College, Krishnamurthypuram, Mysuru. 5. The Deputy Registrar/ Asst. Registrar/ Superintendent, Examination Branch, UOM, Mysuru.
- 6. The PA to Vice-Chancellor/Registrar/Registrar (Evaluation), University of Mysore, Mysuru.
- 7. Office Copy.

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

UNIVERSITY 🏶 OF MYSORE

Estd. 1916.

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 16-02-2022

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

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.
 - 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., <u>www.uni-mysore.ac.in</u>.

DRAFT APPROVED BY THE REGISTRAR

Mysore 570 005

<u>To:-</u>

- 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.
- 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.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
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10. Office Conv

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

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

OF MYSORE UNIVERSIT

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 01.09.2023

Bhavan.

Notification

Sub:- Syllabus and Scheme of Examinations of Zoology (UG) (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office letter No: AC6/303/2022-23 dated: 28-07-2023.

2. Decision of BOS in Zoology (UG) meeting held on 05-08-2023.

The Board of Studies in Zoology (UG) which met on 05-08-2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Zoology programme (V & VI Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., www.uni-mysore.ac.in.

<u>To:-</u>

- 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 Zoology, Manasagangothri, Mysore. Education Programme, Moulya Manasagangotri, Mysuru. 5. The Director, PMEB, Manasagangothri, Mysore.
- Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru. 8. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of

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

VislowavidyaullayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 04.10.2023

Deputy Registrar(Academic)

University of Myrote

Notification

Sub:- Syllabus and Scheme of Examinations of Biochemistry (UG) (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office letter No: AC6/303/2022-23 dated: 28-07-2023.

2. Decision of BOS in Biochemistry (UG) meeting held on 12-09-2023.

The Board of Studies in Biochemistry (UG) which met on 12-09-2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Biotechnology programme (V & VI Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., www.uni-mysore.ac.in

Draft Approved by the Registrar

Tor-

- 1. All the Principal of affiliated Colleges of University of Mysore, Mysore,
- 2. The Registrar (Evaluation), University of Mysore, Mysura.
- 3. The Chairman, BOS/DOS, in Biochemistry, Manasagangothri, Mysore,
- The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, Manasagangothri, Mysore.
- 6. Director, College Development Council , Manasigangothri, Mysore,
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysoru.
- Office Copy.

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



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

Established: 1916

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

Vishwavidyanilaya Karyasoudha, Crawford Hall, Mysore-570 005. Dated: 12.07.2019.

NOTIFICATION

Sub: Revision of syllabus of M.Sc. Chemistry from the Academic Year 2019-20.

Ref: 1. Decision of Board of Studies in Chemistry (PG) meeting held on 28.12.2018.

- 2. Decision of the Faculty of Science & Technology Meeting held on 01.04.2019.
- 3. Decision of Academic Council meeting held on 07.06.2019.

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The Board of Studies in Chemistry (PG) which met on 28-12-2018 has recommended to revise the syllabus of M.Sc. Chemistry from the Academic Year 2019-20.

The Faculty of Science and Technology and Academic Council meeting held on 01-04-2019 and 07.06.2019 respectively have approved the above said proposal and the same is hereby notified.

The revised syllabus of M.Sc. Chemistry course is annexed. The contents may be downloaded from the University Website i.e., www.uni-mysore.ac.in.

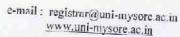
Draft approved by the Registrar

Sd/-Deputy Registrar (Academic),

To:

- 1. The Registrar (Evaluation), University of Mysore, Mysore.
- 2. The Dean, Faculty of Science & Technology, DOS in Zoology, MGM.
- 3. The Chairperson, BOS in Chemistry, DOS in Chemistry, Manasagangotri, Mysore.
- 4. The Chairman, DOS in Chemistry, Manasagangotri, Mysore.
- 5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
- 6. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
- 7. The P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysore.

8. Office file.



UNIVERSITY OF MYSORE Estd. 1916

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

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 16-02-2022

Notification

Sub:- Minor Correction in the Syllabus, Scheme of Exams of Biotechnology (UG) with effective from the Academic year 2021-22 as per NEP-2020.

- Ref:- 1. Decision of Board of Studies in Biotechnology (UG) meeting held on 23-11-2021.
 - 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 Biotechnology (UG) which met on 23-11-2021 has recommended to made minor correction in the Syllabus & scheme of examination related to Biotechnology (UG) with effective from the Academic year 2021-22 as per

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

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 (UG), Manasagangothri,
- 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.

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

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 04.10.2023

Notification

Sub:- Modification Syllabus and Scheme of Examinations Biotechnology (UG) (IIIrd & IVth Semester) with effect from the Academic year 2023-24.

Ref:- Decision of Board of Studies in Biotechnology (UG) meeting held on 15.09.2023.

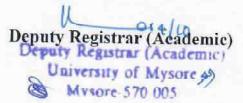
The Board of Studies in Biotechnology (UG) which met on 15.09.2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Biotechnology Programme (IIIrd & IVth Semester) with effect from the Academic year 2023-24.

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Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., <u>www.uni-mysore.ac.in</u>.

DRAFT AF PROVED BY THE REGISTRAR



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 Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, University of Mysore, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.

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



UNIVERSITY SOF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 01.09.2023

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

Notification

Sub:- Syllabus and Scheme of Examinations of Biotechnology (UG) (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office letter No: AC6/303/2022-23 dated: 28-07-2023.

2. Decision of BOS in Biotechnology (UG) meeting held on 04-08-2023.

The Board of Studies in Biotechnology (UG) which met on 04-08-2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Biotechnology programme (V & VI Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., <u>www.uni-mysore.ac.in</u>.



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 Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, Manasagangothri, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
- 9. Office Copy.

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

UNIVERSITY 🥗 OF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 04.10.2023

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

Notification

Sub:- Modification Syllabus and Scheme of Examinations Microbiology (UG) (Ist & IInd Semester) with effect from the Academic year 2023-24.

Ref:- Decision of Board of Studies in Microbiology (UG) meeting held on 01.09.2023.

The Board of Studies in Microbiology (UG) which met on 01.09.2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Microbiology Programme (Ist & IInd Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., <u>www.uni-mysore.ac.in</u>.

DRAFT AF?ROVED BY THE REGISTRAR

To;

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

- 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 Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, University of Mysore, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
- 9. Office Copy.

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

UNIVERSITY SOF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005

Dated: 04.10.2023

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

Notification

Sub:- Modification Syllabus and Scheme of Examinations Microbiology (UG) (IIIrd & IVth Semester) with effect from the Academic year 2023-24.

Ref:- Decision of Board of Studies in Microbiology (UG) meeting held on 16.09.2023.

The Board of Studies in Microbiology (UG) which met on 16.09.2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Microbiology Programme (IIIrd & IVth Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., <u>www.uni-mysore.ac.in</u>.

DRAFT AF ? BOVED 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 Microbiology, Manasagangothri, Mysore.
- 4. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, University of Mysore, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
- 9. Office Copy.

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

UNIVERSITY SOF MYSORE

Estd. 1916

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005

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

Dated: 01.09.2023

Notification

Sub:- Syllabus and Scheme of Examinations of Microbiology (UG) (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office letter No: AC6/303/2022-23 dated: 28-07-2023.

2. Decision of BOS in Microbiology (UG) meeting held on 05-08-2023.

The Board of Studies in Microbiology (UG) which met on 05-08-2023 has resolved to recommended and approved the syllabus and scheme of Examinations of Microbiology programme (V & VI Semester) with effect from the Academic year 2023-24.

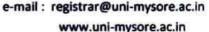
Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., <u>www.uni-mysore.ac.in</u>.

<u>To:-</u>

- 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 Director, Distance Education Programme, Moulya Bhavan, Manasagangotri, Mysuru.
- 5. The Director, PMEB, Manasagangothri, Mysore.
- 6. Director, College Development Council, Manasagangothri, Mysore.
- 7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
- 9. Office Copy.

ದೂರವಾಣಿ ಸಂಖ್ಯೆ : 2419677/2419361 ಫ್ಯಾಕ್ಸ್: 0821-2419363/2419301





ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾರ್ಯಸೌಧ ಕ್ರಾಫರ್ಡ್ ಭವನ, ಮೈಸೂರು-570005 ದಿನಾಂಕ: 26-10-2021

xost: 22.6/152/NEP/2020-21

ಅಧಿಸೂಚನೆ

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

ಉಲ್ಲೇಖ:- 1. ದಿನಾಂಕ: 29-09-2021 ರಂದು ಜರುಗಿದ ಇಂಗ್ಲೀಷ್ ಅಧ್ಯಯನ ಮಂಡಳಿ ಸಭೆಯ ಶಿಫಾರಸ್ತು.

2. ದಿನಾಂಕ: 13-10-2021 ರಂದು ಜರುಗಿದ ಕಲಾ ನಿಕಾಯ ಸಭೆಯ ಶಿಫಾರಸ್ಸು.

3. ದಿನಾಂಕ: 22-10-2021 ರಂದು ಜರುಗಿದ ಶಿಕ್ಷಣ ಮಂಡಳಿಯ ನಡಾವಳಿ.

ದಿನಾಂಕ: 29–09–2021ರಂದು ಜರುಗಿದ ಉಲ್ಲೇಖ (1)ರ ಇಂಗ್ಲೀಷ್ ಅಧ್ಯಯನ ಮಂಡಳಿ (ಸ್ನಾತಕ) ಬಿ.ಎ. ಇಂಗ್ಲೀಷ್ ಅಧ್ಯಯನ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಧಾನವನ್ನು NEP-2020 ರ 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.

ಇಂಗ್ಲೀಷ್ ಅಧ್ಯಯನ ಮಂಡಳಿ (ಸ್ನಾತಕ) ಪಠ್ಯಕ್ರಮಗಳು ಮತ್ತು ಪರೀಕ್ಷಾ ವಿಧಾನಗಳನ್ನು <u>www.uni-</u> mysore.ac.in ನಿಂದ ಪಡೆಯಬಹುದಾಗಿದೆ.

<u>ಗೆ:–</u>

- 1. ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕ್ಕೆ ಸಂಯೋಜನೆಗೊಳಪಟ್ಟ ಎಲ್ಲಾ ಕಾಲೇಜುಗಳ ಪಾಂ್ರಶುಪಾಲರುಗಳಿಗೆ- ಅಗತ್ಯ ಕ್ರಮಕ್ಕಾಗಿ
- 2. ಕುಲಸಚಿವರು (ಪರೀಕ್ಷಾಂಗ), ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
- 3. ಡೀನರು, ಕಲಾ ನಿಕಾಯ, ರಾಜ್ಯಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 4. ಅಧ್ಯಕ್ಷರು, ಇಂಗ್ಲೀಷ್ ಅಧ್ಯಯನ ವಿಭಾಗ/ಮಂಡಳಿ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 5. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ, ಮೌಲ್ಯಭವನ ಕಟ್ಟಡ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.

o-mail : registrarmuni-mysure.sc.in www.uni-myporc.ac.in

UNIVERSITY OF MYSORE

1000 1916

VishwavidyunilayaKaryutoudha Crawford Hall, Mysuru- 970 005

Dated: 31-08-2023

No.AC6/304/2022-23

Notification

Sub:- Syllabus and Scheme of Examination of H.Com programme (V & VI Semester) with effect from the Academic year 2023-24.

Ref:- 1. This office circular No: AC2(S)/151/2020-21 dated 08-08-2023.

2. Decision of BOS in Commerce meeting held on 04-08-2023.

The Board of Studies in Commerce (UG) which met on 04-08-2023 has resolved Tto recommended and approved the syllabus and scheme of Examinations of B.Com programme (V & VI semester) with effect from the academic year 2023-24.

Pending approval of the Faculty of Commerce and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and Scheme of Examinations contents muy be downloaded from the University wobsite i.e., www.uni-mysorc.nc.in

University of Mysore ALAYSORE 5

To:

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



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e-mail: ກາວນາລາຫຼືແກ່-ກາງາກອະນະ ກ מנאמע שווי ווחי וואימי אי אי אי

UNIVERSIT

VishwavidyanilayaKaryatoudha Crawford Hall, Mysure- 570 005

Dated 11-08-2023

No.4Co-304/2022-23

Notification

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Sub:- Syllabus and Scheme of Examination of B.B.A. Programme (V & V) Semester) with effect from the nendemic year 2023-24.

Ref:- 1. This office circular No: AC2(S)/151/2020-21 dated 08-08-2023.

2. Decision of BOS in Business Administration meeting held on 24-08-2023.

F MYSORE

The Board of Studies in Business Administration (CB) which met on 24-08-2023 as resolved to recommended and approved the syllabus and scheme of Examinations of miliabus of B.B.A Programme (V & VI semester) with effect from the Academic year 2023-24

Pending approval of the Faculty of Commerce and Academic Council meetings the above said syllabus and Scheme of Examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., www.uni-mysore.ac.in

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,
- 4. The Dean, Faculty of Commerce, DOS in Commerce, Manasagangotri, Mysuru.
- 5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri,
- 6 The Director, PMEB, Manasagangothri, Mysore.
- 7. Director, College Development Council, Manasagangothri, Mysore. 8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and
- Erunination Branch, University of Mysore, Mysura. ⁹ The PA 10 Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore,
- 10. Office Copy.

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No.AC6/153/2020-21

Vision as into an integration of the second se Crawford Hall, Mysters 570 005

Dated: 03-02-2022

Notification

Sub:- Revision of Syllabus, Project work, Dissertation are for M.Com Program for Ref:- 1. BOS in Commerce meeting held on 23-11-2021

Decision of the Faculty meeting held on 30-11-2021.

3. Decision of the AC meeting held on 23-12-2021.

.....

The Board of studies in Commerce (PG) which met on 23-11-2021 has decided and recommended to revision of Syllabus, Project work, Dissertation and for M.Com program from the Academic year 2021-22.

The Faculty of Commerce and Academic Council at their meetings held on 30-11-2021 and 23-12-2021 respectively have also approved the above said decision, 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) Orpure Registrar Liscoler ... University of Masser, NELVINE STO MO

To:-

- 1. All the Principal of affiliated Colleges of University of Mysore, Mysore. Those who are running M.Com Courses.
- 2. The Registrar (Evaluation), University of Mysore, Mysuru.
- 3. The Chairman, BOS/DOS, in Commerce, Manasagangothri, Mysore.
- 4. The Dean, Faculty of Commerce, DOS in Commerce, Manasagangotri, Mysuru.
- 5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangotri. Mysuru.

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UNIVERSITY

VishwavidyanilayaKaryasoudha Crawford Hall, Mysuru- 570 005 Dated: 26-10-2021

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

Notification

- Sub:- Syllabus and Examination Pattern of Chemistry (UG) with effective from the Academic year 2021-22 as per NEP-2020.
- Ref:- 1. Decision of Board of Studies in Chemistry (UG) meeting held on 01-10-2021.
 - 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 Chemistry (UG) which met on 01-10-2021 has recommended & approved the syllabus and pattern of Examination of Chemistry 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.



To:-

- 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 Chemistry, Manasagangothri, Mysore.
- 4. The Dean, Faculty of Science & Technology, DoS in Psychology, MGM.
- 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.
- The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.

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					IRTHYPURAM,					
					MENT OF PH					
Day	8.30 AM - 9.30 AM	9.30 AM - 10.30 AM	10.30 AM - 11.30 AM	11.30 AM - 12.30 PM	12.30 PM - 1.30 PM	1.30 PM -	2.00 PM - 3.00 PM	3.00 PM - 4.00 PM	4.00 PM - 5.00 PM	5.0 PN
MON	V SEM - MRP (R3)		V SEM - SSS	2.0000000000000000000000000000000000000	III SEM -MRP		V SEM -CS DCG	V SEM -CS DCG		
	MICF (15)		(R3)	(R4)	(R4)		< III SEN	1 LAB (P/M) -	SSS + MRP 2	HR>
TUE			V SEM - SSS (R3)	I SEM - MRP (R2)	III SEM - DCG (R4)	L U		V SEM L PM/PC/PCs) S		>
WED	V SEM - CS DCG	V SEM - MRP (R3)	I OE - DCG	V SEM - SSS (R3)	I SEM - DCG (R4)	N C H	V SEM -CS MRP	V SEM -CS MRP		
тни		V SEM - DCG (R3)		I SEM - SSS (R5)	V SEM - MRP (R3)	B R E	< (РМ/РС,	V SEM L/ /PCs) MRP + (87	-> HR)
FRI			V SEM -CS MRP	III SEM -SSS (R4)	I OE - DCG V SEM - CS MRP	ĸ	< I SEM LAB> (PC/PM) SSS + DCG			
SAT	V SEM - DCG (R3)	I OE - MRP V SEM - CS DCG	III SEM - SSS (R5)			Ī				

S.NO	INITIAL	РНҮ ТН	CS TH	PHY LAB	OE	TOTAL
1	SSS	6		14		20
2	MRP	5	4	10	1	20
3	DCG	5	4	8	2	19

Sugarthi .S.S

Head of the department

Suganthi S Singh M.Sc., M.Phil Head of Physics Department Sarada Vilas College, Mysuru CS = CYBER SECURITY 08 HR PHY = 51 HR TOTAL = 59 HR

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

SARADA VIILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) Physics DEPARTMENT Time Table

Day.	8.30-9.30	9.30-10.30	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	V (R3)		V (#3)	L (R4)	III (R4)			« III SE	M 1AB	_
TUE			V (R3)	i (n2)	III (R4)		_	< ¥ 587	M LAB>	
WED		V (R3)		V (R3)	i (R4)	LUNCH BREAK		_		
тни		V (R3)		I (RS)	V (R3)			< V 5E7	VI LAB>	
FRI				III (R4)				< I SEN	A LAB>	
SAT	V (R3)		III (RS)							

Deux Dr. M Devika

M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, krishnemurthypuram, Mysurv SARADA VILAS COLLEGE,MYSURU TIME TABLE FOR THE YEAR 2023-2024 (EVEN SEMESTER) DEPARTMENT OF CHEMISTRY

Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1 1 1 2 2 2 2 3				
MON	VI CHEM (R2)		VI CHEM (R2)	12.30-1.30	1.30-2.0	2.0- 3.0	3.0-4.0	4.0- 5.0	5.0-6.
TUES	VI CHEM (R2)	II CHEM (RS)	VI CHEM (R2)			د	VI SEM	CHEM LAB	>
WED	II CHEM (R1)	VI CHEM (R2)		VI CHEM (R2)		¢	VI SEM	CHEM LAB	>
THURS		VI CHEM (R3)		VI CHEM (R3)	LUNCH BREAK				
FRI		II CHEM (R4)			ľ	. C		HEM LAB	>
SAT			II CHEM (R4)		Ī				

Head of the partment of chemistry Sarada Vilas College, Mysurask

Dr. M Devika MSc.M.Phil.Phil Principal Sarada Vilas College, Kristnamurtin/puram, Mysunu

DEPARTMENT OF CHEMISTRY

SARADA VILAS COLLEGE MYSURU

TIME TABLE FOR THE YEAR 2023-24/ODD SEMESTERS

Day	9.30 -10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-6.00
MON.			V(R3)		L	
TUE.	V(R3)	I(R5)	V(R3)		U	
WED.		V(R3)		V(R1)		V SEM. LAB
THU.		V(R3)			N	I SEM. LAB
FRI.		I(R4)			C	V SEM. LAB
SAT.	I(R1)	V(R4)	I (R4)	V(R4)	н	

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(Principal) Sarada Vilos Collega, Restaurung aus all pura

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DEPARTMENT OF CHEMISTRY

SARADA VILAS COLLEGE MYSURU

INDIVIDUAL TIME TABLE FOR THE YEAR 2023-24/ODD SEMESTERS

DESIGNATION: ASST. PROF. NAME : KRISHNAMURTHY H R

Day	9.30 -10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-6.00
MON.			V(R3)		L	
TUE.	V(R3)		V(R3)		U	
WED.		V(R3)		V(R1)	N	V SEM. LAB
THU.		V(R3)			с	
FRI.					н	V SEM. LAB
SAT.		V(R4)		V(R4)		

Total Workload: (Theory -08 Hrs. , Practicals -08 Hrs.)=16 Hrs

Name H.2 Existemently und of the Depart



DEPARTMENT OF CHEMISTRY

SARADA VILAS COLLEGE MYSURU

INDIVIDUAL TIME TABLE FOR THE YEAR 2023-24/EVEN SEMESTERS

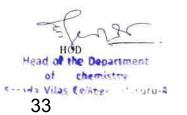
NAME: KRISHNAMURTHY H R

DESIGNATION: ASST. PROF.

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2.00-6.00
MON.	VI(R2)		VI(R2)		L	
TUE.	VI(R2)		VI(R2)		U	VI SEM. LAB
WED.		VI(R2)		VI(R2)	N	VI SEM, LAB
THU.		VI(R3)		VI(R3)		
FRI.					н	
SAT.						

Total Workload :(Theory - 08Hrs. Practicals - 08Hrs.)=16 Hrs.

Name: H R KRISHNAMURTHY





SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF CHEMISTRY

INDIVIDUAL TIME TABLE/2023-24 SRI NATARAJU, ASSISTANT PROFESSOR - PART TIME

Days	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30		2-3	3-4	4-5	5-6
Tue		I BSc Theory			en (1.22)				
Thu					Lunch	I BSc Practical			1
Fri	4	I BSc Theory	<u></u>		break				
Sat	I BSc Theory		I BSc Theory						

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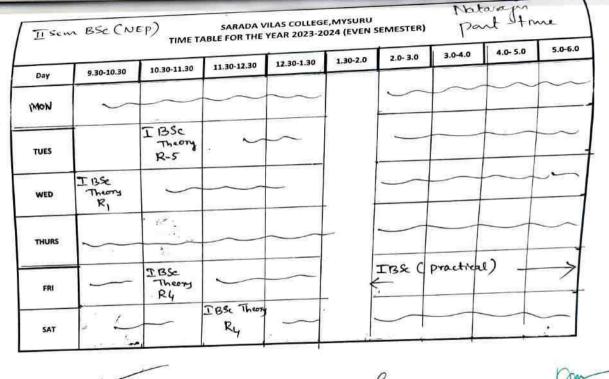
Head of the Department of chemistry Sarada Vilas College, Mysuru-4

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Principal Sarada Vilas College Mysore-570004



· part-time Asst prof

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and of the Departer

pf chemistry

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

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			DEPARTMEN	DEPARTMENT OF COMPUTER SCI 1 BCA	CER SCIENCE			
Days/Time	9,30 -10,30	10:30 To 11:30	11:30 To 12:30	12:30 To 1:30 1:30 To 2:00	1:30 To 2:00	2:00 To 3:00	3:00To 4:00	4:00 To 5:00
MONDAY	R	ENG (R NO 8) Comp(R NO	Fun of Comp(R NO	OE(R1)		C (CS L	C (CS Lab 1)/IT Lab (DS Lab 1)	S Lab 1)
	(/ UN		7)	Empof				
TUESDAY		Health Wellness and Yoga (DS Lab	Kannada (R NO 7)	run or Comp(R NO 7)		OE(R1)	DF (DS Lab 1)	
WEDNESDA Y	ENG (R NO 8) Comp(R NO	Fun of Comp(R NO 7)	Kannada (R NO 7)	Math (R NO 7)	zcr	C (CS La	C (CS Lab·1)/IT Lab (DS Lab 1)	(Lab I)
THURSDAY		Health Wellness and	Kannada (R NO 7)	Prog C (R NO 7)		ENG (R NO 8)		
FRIDAY		Math (R NO		OE(R3)	havit	ENG (R NO 8)	DF Lab (R No 7)	No 7)
SATURDAY		Math (R NO 7)	Prog C (R NO 7)	R NO 7)				

SARADA VILAS COLLEGE, MYSURU

H.O.D H.O.D Department of Computer Science Sorada Vilas College Sorada Vilas College Mysore-570 004

Dr. 8 Davika Msc. M. Msc. M. J. J. J. Principsi Principsi Sarada Vilas Collega, Vilas Collega,

			B	BCA II Sem				
Days/Time	9.30 -10.30	10:30 To 11:30	11:30 To 12:30	12:30 To 1:30	1:30 To 2:00	2:00 Fo 3:00 3:00To 4:00 4:00 Fo 5:00	3:001'o 4:00	4:00 1 . 5:00
MONDAY		KANNADA (R NO 7)	DS(R NO 7)	OE(R1)		Health Wellness and Yoga	ss and Yega	
		a supervision of the second		DS/P VO 7)	•	OE(R3)	Health Wellness and Yega	tess and Year
TO POPULA			All support of the second seco	The state of the	単端	101 10 101	10 1. 1.1	13.767
WEDNESDAY JAVAR NO 7	JAVA(R NO 7)	KANNADA (R NO 7)	OE(R1)	MATH (R NO 7)	2.7	DS LAB ICS LAB IDAVA LABIDS LAB	AB DJAVA L	ABIDSLA
THURSDAY	EVS	KANNADA (R	Eng (R NO 8)	KANNADA (R NO 7)	Ħ O	DS LAB (CS LAB 1) JAVA LAB (DS LAB 1)	AB I) JAVA I. I)	ABIDSLA
		11 01		EV.C		FNG (R NO S)	NO SI	
FRIDAY		JAVA(R NO 7)	MATH (R NO 7)	EVS	1	LINGIN	16 DV	
SATURDAY	EVS	DSIR NO T)	JAVA(R NO 7)	MATH (R NO 7)			1	

SARADA VILAS COLLEGE, MYSURU DEPARTMENT OF COMPUTER SCIENCE

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SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-24 (ODD SEMESTER)

DEPARTMENT OF	BOTANY	
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	V (BL) LAB	MD+VMY	
	III(BL) LA	AB VMY	
9	V (BL) LAB	VMY+BHR	
	I(BL) LA	B BHR	
		V (BL) LAB	III(BL) LAB VMY V (BL) LAB VMY+BHR I(BL) LAB BHR

			0.	- ANTINICI
DAY	9.30-	10.30-	11.30-	12.30-
DAI	10.30	11.30	12.30	1.30
MON	V(BL) BHR	I(BL) VMY	III (BL)	V (BL)
			MD	BHR
TUE		I (BL) VMY	III (BL)	V (BL)
		(DL) VIVII	BHR	MD
WED	V(BL)	IOE BHR	V(BL)	1011010
WED	VMY	ICE BHK	VMY	I(BL) BHR
THU			V(BL) BHR	III(BL)
mo			V(DL) BHK	BHR
FRI	I OE BHR	I(BL) BHR	V(BL)	III(BL)
FAL	TOC BHK		VMY	VMY
SAT	100 00000000	l l	V(BL) BHR	
	IO.E VMY	· · · · · ·	1960 16 11 11	

Da 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, Rrishnamurthypuram, Mysuro

SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-24 (EVEN SEMESTER) DEPARTMENT OF BOTANY

DAY	9.30-	10.30-	11.30-	12.30-
Mai	10.30	11.30	12.30	1.30
MON	II(BL) BHR		IV (BL) BHR	VI (BL) MD
TUE		II (BL) VMY	IV (BL) BHR	VI (BL) MD
WED	VI(BL) VMY	IIOE BHR	VI(BL) BHR	II(BL) VMY
тни	IV OE VMY		VI(BL) BHR	IV(BL) VMY
FRI	II OE BHR	II(BL) BHR IIOEVMY	VI(BL) VMY	IV(BL) BHR
SAT	IIO.E VMY	VI(BL) BHR		VI(BL) BHR

2.00-3.00	3.00-4.00	4.00-5.00	5.00-6.00
	VI (BL) LAB	MD+VMY	
IV OE BHR	IV	(BL) LAB VN	1Y
	II(BL) L/	AB BHR	
	VI (BL) LAB	VMY+BHR	

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

00 PRINCIPAL Dr. M Devika M.S. M.Phil, Ph.D. Principal Sarada Vilas College. 3. Elmanurshypuram, Mysuru

SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) BIOCHEMISTRY

SUMAN NARAYAN

SAT	FR	THU	WED	TUE	MON	Day
V (BC LAB)						8.30-9.30
	III (BC LAB) V (BC LAB) III (BC LAB)					9.30-10.30
III (BC LAB) V (BC LAB)	V (BC LAB)					10.30-11.30
V (BC LAB	III (BC LAB		< V Sem			11.30-12.30
						12.30-1.30
	* >	mzoo	I	nz⊂	r	1.30-2.0
			Î			2.0- 3.0
						3.0-4.0
						4.0- 3.0
			-			



Likith Clement P M.Sc., B.Ed. Head of the Department Biochemistry Sarada Vilas Colle ;e Mysuru - 570 vv4 tool 1

SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) BIOCHEMISTRY

LIKITH CLEMENT

SAT	R	ТНО	WED	TUE	MON	Day
		V (BC LAB)				8.30-9.30
			<> V Sem>	V (BC LAB)		9.30-10.30
		V (BC LAB)				10.30-11.30
				V (BC LAB)	V (BC LAB) III (BC LAB)	11.30-12.30
					III (BC LAB)	12.30-1.30
	X > 1	סכר	τo	zcr		1.30-2.0
					Î	2.0- 3.0
					V SEM	3.0-4.0
					EM	4.0- 5.0
						5.0-6.0



Likith Clement P MSc. BEd Head of the Department Biochemistry Sarada Vilas Colle te



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LIKITH CLEMENT (LC) SUMAN NARAYAN (SN)

		T				
SAT	FRI	THU	WED	TUE	MOM	
V (BC LAB) SN		V (BC LAB) LC				0.00.0.00
	III (BC LAB) SN			V (BC LAB) LC		9.30-10.30
III (BC LAB) V (BC LAB)	III (BC LAB) V (BC LAB) III (BC LAB) SN SN SN SN	V (BC LAB) LC	(LC) V SEM			10.30-11.30
V (BC LAB) SN	III (BC LAB) SN			V (BC LAB) LC	V (BC LAB) LC	11.30-12.30
			-(SN)>		III (BC LAB) LC	12.30-1.30
	X > 1	ס כקו	тο	zcr		1.30-2.0
			Î		Î	2.0- 3.0
			III SE		V SEI	3.0-4.0
			- 111 SEM (SN)		- V SEM (LC)	4.0- 5.0
					ļ	5.0-6.0

SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) BIOCHEMISTRY

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SARADA VILAS COLLEGE DEPARTMENT OF BIOTECHNOLOGY

Krishnamurthypuram, Mysore - 570 004 Karnataka

Affiliated to University of Mysore & Re-accredited by NAAC with "A" grade (CGPA: 3.19)

Class time-table for academic year 2023-24 (even semester)

Day	08.30-09.30	09.30-10.30	10.30-11.30	11.30-12.30	12.30-01.30		02.00-06.00
Monday	6 th (R-2) TKR			6 th (R-2) AHS 2 nd (BT-L) TKR	4 th (BT-L) AHS	×	
Tuesday		6 th (R-2) TKR	6 th (R-2) AHS	2nd (BT-L) AHS	4 th (BT-L) TKR	BREAK	6 th (BT-L) TKR + AHS
Wednesday					2 nd (BT-L) TKR	B	4th (BT-L) AHS
Thursday				6 th (R-2) AHS		CH	6 th (BT-L) TKR + AHS
Friday		6 th (R-2) AHS		4 th (BT-L) TKR		LUNCH	2 nd (BT-L) TKR
Saturday	6 th (R-2) TKR		4th (BT-L) AHS	6 th (R-2) TKR 2 nd (BT-L) AHS			

TKR : Tribhuvan K. R.

AHS: Abhilash H. S.

Signature of HOD

Head of the Department Department of Biotechnology Saradavilas College, Mysore Signature of Principal



SARADA VILAS COLLEGE DEPARTMENT OF MICROBIOLOGY



Krishnamurthypuram, Mysore – 570 004 Karnataka Affiliated to University of Mysore & Re-accredited by NAAC with "A" grade (CGPA: 3.19)

Class time-table for academic year 2023-24 (even semester)

Day	08.30-09.30	09.30-10.30	10.30-11.30	11.30-12.30	12.30-01.30		02.00-06.00
Monday		VI (MB-L) RAM		IV (MB-L) RAM	VI (MB-L) AKA	¥	IV Lab RAM
Tuesday			II (MB-L) RAM	IV (MB-L) AKA	VI (MB-L) AKA	BREAK	
Wednesday			II (MB-L) AKA			B	VI Lab RAM
Thursday				II (MB-L) AKA	VI (R-2) AKA IV (MB-L) RAM	ICH	ll Lab AKA
Friday	VI (MB-L) RAM		II (MB-L) RAM	VI (MB-L) AKA	IV (MB-L) AKA	LUNCH	VI Lab RAM
Saturday			VI (MB-L) RAM		VI (MB-L) RAM		

RAM : R.A. Manjunath

AKA : A. K. Asha

Signature of HOD Head of the Department Department of Microbiology Saradavilas College, Mysore

Dr. M Devika M.Sc., M.Phil., Ph.D. principal Sarada Vilas College, Krishnamurthypuram, Mysuni

DEPARTMENT OF BIOTECHNOLOGY

Sarada Vilas College, Krishnamurthypuram, Mysore.

Time Table for the Academic Year 2023-24 (Odd Semester)

	8.30-9.30	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	
Monday	V R2 TKR		V R2 AHS	I R6 TKR	III R6	02.00 - 06.00
Tuesday	V R2 TKR		V R2 AHS	I Bt Lab	AHS III R6 TKR	Y V Bt Lab X TKR + AHS
Wednesday				l Bt Lab TKR		B < III — Bt Lab H AHS
Thursday		V R2 TKR		V R2 AHS		U <
Friday		V R2 AHS	I R5 AHS	III R5 TKR		D < I Bt Lab TKR
Saturday		V R2 TKR	III R6 AHS			

TKR : Tribhuvan K. R.

April

Signature of HOD

Head of the Department Department of Biotechnology Saradavilas College, Mysore Dr. M Devika M.Sc. M.Phil. Ph.D. Principal Sarada Vilas College, Krjshnamurthypuram, Mysuru

AHS: Abhilash H.S.

DEPARTMENT OF MICROBIOLOGY

Sarada Vilas College, Krishnamurthypuram, Mysore.

Time Table for the Academic Year 2023-24 (Odd Semester)

	8.30-9.30	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	02.00 - 06.00
Monday		V R2 RAM	1 R6 AKA	III R2 RAM	V R2 AKA	<> III — Mb Lab> RAM
Tuesday			I R6 RAM	III R5 AKA		
Wednesday						<pre>4 <> RAM</pre>
Thursday				I Mb La AKA	V R2 AKA	
Thursday					III R6 RAM	
Friday	V R2 RAM			V R2 AKA	III R6 AKA	<> V— Mb Lab> RAM
Saturday			V R2 RAM		V R2 RAM	

RAM : R. A. Manjunath

AKA : A. K. Asha

Signature of HOD

-Anno

Head of the Department Department of Microbiology Saradavilas College, Mysory

Dr. M Devika

Dr. M Devina MSC.M.Phil.,Ph.D. Principal Sarada Vilas College, krjshnamurthypuram,Mysunu

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DEPARTMENT OF ENGLISH TIME TABLE - 2023-24 Odd semester

Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	2-3	3-4	4-5
Mon		I BCA			BSc-(1)	Lab- I BSc	
Tue	I BSc- (2)	III BSC-(1)					
Wed	I BCA	III BSC-(5)	Lab- I BSc				
Thur		I BSc-(1)			I BCA		Lab-III BSc
Fri		III BSc-(1)			I BCA		Lab-III BSc
Sat			III BSc-(1)	I BSc-(5)			

Da Dr. M Devilka MSc.M.9hiL.9h.D. Principal Sarada Vilas College, Krishnamurchypurch Misuna

DEPARTMENT OF ENGLISH TIME TABLE – 2023-24 Even semester

Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	2-3	3-4	4-5
MON		II (R 1)			IV B.Com 'B'	IVB.Com 'A'	
TUE	BCA II	IV (R1)		II (3)		IV BBA	
WED		IV (R 5)		IVB>Com 'B'	IV B.Com 'A'		
THUR		II (R1)	BCA II				
FRI		IV (R 1)			BCA II	BCA II	
SAT			IV (R 1)	II (R5)			

n

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

15/03/2014

TIME TABLE - 2023-24 Even Semester

1. KANNADA-AG - 16 Hours

	1	2	3	4		5	6	7
$ extsf{TIME} ightarrow extsf{DAYS} \ \psi$.	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY	-	IVA		IV B	3	11 8		
TUESDAY			IVA	IV B		1		-
WEDNESDAY			IIA			II B	II BBA	
THHURSDAY		IIA			BREAK	IV A	IV B	
FRIDAY			IIA	IVA	EAK	IV B		
SATURDAY		II B		II BBA	<u> </u>			1

2. ENGLISH -SAB - 17 Hours

		2	2	4		5	6	7
$\frac{TIME}{DAYS}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		IIA	II B	-14	5	IV BBA		1
TUESDAY		II B	II BBA	IIA	NO			-
WEDNESDAY		IVA	IV BBA		I	IV B		
THURSDAY	1 1 1	IV A ~	K. 154	II BBA	BRE	IV B		*
FRIDAY			II B	II BBA	EAK		11 A	
SATURDAY			II BBA	II B	1 ^			

5 m -

3. MBS 16 Hours

	1	2	3	4		5	6	7
$ME \rightarrow DAYS$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY	-		VIB	VIA	3			1
TUESDAY	5 E	VI BBA	-135-5-	VIA	LUNCH	19	VI B	- 64
WEDNESDAY			VI BBA			VI B	VIA	
THHURSDAY			VI A	VI B	BR	VI BBA		
FRIDAY	VIB			VIA	BREAK		VI BBA	
SATURDAY	110		VIA	VI B				

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

4. UDM - 16 Hours

1	1	2	3	4		5	6	7
	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		IV B	IVA	VI BBA	E			
			IV B	IVA	LUNCH		VI BBA	1.0
TUESDAY		VI BBA	IVA] ¥		IV B	
WEDNESDAY	1.12	VIDDA		IV B	88		IV A	
THURSDAY			244(14) (144)	IVB	BREAK	VI BBA		
FRIDAY			IV A	IV B	×			
SATURDAY		IV A	IV B	A 5-2-2-2-2				

5. CB - 16 Hours

30

		1.2	3	4		5	6	7
	1	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
$DAYS_{\psi}$	9:30-10:30	10.50-11.50						
			IV B	IVA	E		VIA	1.000
MONDAY	(IVB		LUNCH		IV A	
TUESDAY		IV B			Ē	VIA		
WEDNESDAY			IV B	IV A		VIA		
			IV B	IV A	BREAK		VIA	
THURSDAY		-			E E		IVA	
FRIDAY		VIA	IV B		×			
SATURDAY			IV A	IV.B		2	behand	2

n i _{seren}ni i di

6. RK - 16 Hours

4 - 12 K

		1	-	1	11	5	6	7
	1	2	3	4	1:30-2	2-3	3-4	4-5
TIME → DAYS	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:50-2	2.3		
\vee			VIA	VIB	5	VI BBA		
IJONDAY			VIA	VIBBA		VIB		
TUESDAY		VIA		VIDDA	LUNCH	T Minute	VIB	
WEDNESDAY			VIA			VIB		
THURSDAY		VIA		VI BBA	RE	VID		1
- Records and the second second	VIA		VIB		BREAK			
FRIDAY SATURDAY		VIB	VI BBA	VIA		1		_

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Dr. M Devika M.Sc.,M.Phil.,Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuru 10ax

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MAS - 16 Hours

6

-	1	2	3	4	1	5	6	7
$ extsf{TIME} \rightarrow extsf{DAYS} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			11 A	II B	5		VI B	
TUESDAY				II B		IIA		
WEDNESDAY			VIB		Ŷ	IIA	II 8	
THHURSDAY			IIA	II B	BRE	II B		
FRIDAY		VIB			P	II A	1. N.	
SATURDAY	VI B	VI D	II B	IIA	~			

8. CHV - 14 Hours + inhalting,

20 July 1

		1	1.0	1		5	6	7
	1	2	3	4	1.20.2	2-3	3-4	4-5
$ extsf{TIME} ightarrow extsf{DAYS} \ _{rac{1}{2}}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2.5		
MONDAY		IV BBA	4/10 - 10 - 10 - 10		5		VIA	
TUESDAY		VI B	IV BBA		NCH	IV BBA	N.A	
WEDNESDAY		VIB	the second s	VIA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TV DDA		-
THURSDAY		VI B	a second second	IV BBA	BRE	VIA	VIB	
FRIDAY			IV BBA		Ŗ	VIA	VID	
SATURDAY	VI A	IV BBA		3.7.02	1	1		

		et (akrak	1.217	4		5.	6	7
	1	2	3	4	1:30-2	2-3	3-4	4-5
$\begin{array}{c} IME \rightarrow \\ DAYS \\ \psi \end{array}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	0444.0.400 ML 0004	in 19 ² 1		2.4
- \V		S. 67	1.0	OE		VI B		
MONDAY		VIA		VIB	E L	OE		
TUESDAY			VIA		<u> </u>		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
WEDNESDAY			OE	VI BBA	BREAK	-		

La.

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

10. AKC - 16 Hours

marche

		1.	2	4		5	6	7
	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		VI B		IV BBA	E	VIA		
TUESDAY			VIB		LUNCH	VIA		
WEDNESDAY		VIA		VI B		1012 (2)	141.0	
THURSDAY		IV BBA			BRE	VIA	VIB	
FRIDAY			VIA	VI B	BREAK	IV BBA		-
SATURDAY		VIA	VIB	IV BBA				

11. HMM - 13 Hours + inkunkep

5-3-51

		1000	1	4		5	6	7
	1	2	3		1:30-2	2-3	3-4	4-5
$DAYS_{\psi}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1.30-2			
MONDAY		II BBA		OE	Б			-
TUESDAY		IV BBA			UNCH	OE		
WEDNESDAY		IV BBA	OE	1		II BBA		
THURSDAY		II BBA	IV BBA		BRE	VI BBA		-
FRIDAY		II BBA		IV BBA	BREAK			_
SATURDAY			IV BBA					

12. KMC - 16

	1.5		2	4		5	6	7
	1 9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			VI BBA		E	II A	II B	
the second se					JNCH	VI BBA	II B	-
TUESDAY			II B	IIA	2	VI BBA		
WEDNESDAY				015-0202	8			
THURSDAY		II B	VI BBA	IIA	22			
FRIDAY		11 B	VI BBA	II A	BREAK			1
SATURDAY		II A		VI BBA				

L0 Dr. M Devika M.Sc., M.Phil., Ph.D. Principal

Principal Sarada Vilas College, Krishnamurthypuram, Mysum

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13. CHG - 16 Hours

do D

	1	2	3	4		5	6	7
TIME -> DAYS	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		II B	II BBA	IIA	E			
TUESDAY	OE		IIA .		Ž			
WEDNESDAY			II BBA	II B	Ξ			_
THURSDAY			II B		BRE	II BBA	OE	-
FRIDAY		IIA	MARTIN .	II B	EAK	II BBA	OE	-
SATURDAY		II BBA	IIA		See.			

14. RS - 16 Hours

		1.4	1.	4		5	6	7
	1	2 ~	3 / 1	4 4 4 4 4 4 4	1.20.2	2-3	3-4	4-5
$TIME \rightarrow DAYS$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3		
	1.1	VI BBA	/	II BBA				
MONDAY			NU DDA	II BBA	ž		IV B	
TUESDAY		IV A	VI BBA		<u>-</u>		IVA -	
WEDNESDAY		IV B		II BBA			A MARTINESSA CON	1
		IV B	IVA		BRE		VI BBA	
THURSDAY		IV D		VI BBA	E A			
FRIDAY		a contra	II BBA	1000	Ŗ		201 1	1
SATURDAY		IV B		IV A				

- 1

15. KANNADA-DS 08 Hours

	-	-	T.a.	1		5	6	7
	1	2	3	4	1.20.7	2-3	3-4	4-5
TIME \rightarrow DAYS	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-5		
\checkmark			IV BBA		5	II BBA	II A	
MONDAY			IV DDA	IV DBA		II B		
TUESDAY		II BBA		IV BBA	ā		IV BBA	
WEDNESDAY				IV BBA			IV DUA	
THHURSDAY					BREAK			
FRIDAY					A K		-	
SATURDAY								

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ANGLISH -SL

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	1	2	3	4	1	5	6	7
$\stackrel{fIME}{\rightarrow}{}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY					-	IVB	IVA	
TUESDAY					LUN I	IVD	IV BBA	
WEDNESDAY				IV B	Ŷ	IV A	IV BBA	
THURSDAY		2			BR			
FRIDAY					REA			
SATURDAY					¥		-	

17. OE - Laience .

							- (0	
	1	2 .	3	4		5	6	7
$\begin{array}{c} \text{TIME} \rightarrow \\ \text{DAYS} \\ \psi \end{array}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY					E			
TUESDAY					NO	IV		
WEDNESDAY	1	11			Ĩ			*
THURSDAY	IV				BRE			
FRIDAY	11	IV			AX.			
SATURDAY	11				21.0			

18. DF & AI for Amilia Lont. Leekshon?

18. DF &		1.	2	4		5	6	7
TIME -> DAYS	1 9:30-10:30	2 10:30-11:30	3 11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
$\mathbf{\Psi}$	-				E	Ał A	AI B & BBA	
ONDAY			252		7	DF BBA	DF BBA	
UESDAY		DF A	DF B		Ē			
VEDNESDAY			DC BBA			DF A	DFA	
HURSDAY			DF BBA		BREAK	DF B	DFB .	
RIDAY	 1 		W I C O		ž	AIA	AI B & BBA	
URDAY								-

19. SHIVKUMAR

9. SHIVK	UMAR				8	5	6	7
	1	2	3	4			3-4	4-5
$\begin{array}{c} TIME \rightarrow \\ DAYS \\ \psi \end{array}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	5-4	
MONDAY		Protect in	1. A 6. A		F		<u></u>	
TUESDAY		1			LUNC			
WEDNESDAY					오		IIA	
THURSDAY					8	12 TH	II B	
FRIDAY			4		BREAK		II BBA	
SATURDAY					×			

TIME TABLE - 2022-23 Even Semester

1. KANNADA

-

	1	2	3	4		5	6	7
$TIME \rightarrow DAYS \\ \psi$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		III B.COM A		IB.COM	5	III BBA		
TUESDAY		III B.COM A	I B.COM B	IBBA	LUNCH		I B.COM	
WEDNESDAY			IIIB.COM B		BREAK	I B.COM B	III BBA	
THHURSDAY			IBBA	IB.COMA	^		III BBA	
FRIDAY			III B.COM B	III BBA		I B.COM A		
SATURDAY		IBBA		III B.COM B				

2. ENGLISH

	1	2	3	4		5	6	7
$ extsf{TIME} \rightarrow extsf{DAYS} \ \psi$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		IBBA		III B.COM A	5	I B.COM B		
TUESDAY			IBBA	III B.COM B	Z	IB.COM B		
WEDNESDAY		III B.COM A	IB.COMA		9 9	I BBA		
THURSDAY		-	III B.COM	IB.COM B	BR	III BBA		
FRIDAY		IB.COM B	IB.COMA	III BBA	EAK	III B.COM A		
SATURDAY		III BBA	III B.COM B		· ·			

3. MBS

	1	2	3	4		5	6	7
$ extsf{TIME} ightarrow extsf{DAYS} \ arphi$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY					E	Α		
TUESDAY		Α		12	LUNCH	BRM	В	
WEDNESDAY			В	A				
THHURSDAY		BRM		В	BRE	Α		
FRIDAY		A		В	EAK	BRM		OE
SATURDAY		В	BRM		^	OE		

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4. HMM

	1	2	3	4		5	6	7
$\operatorname{TIME}_{V} \rightarrow \operatorname{DAYS}_{V}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			Α		5	MM-I		
TUESDAY		В		MM-I	Z	A		
WEDNESDAY		A		В	£		MM-I	
THURSDAY			В	MM-I	BRE		A	
FRIDAY				Α	EAK	B		OE
SATURDAY		В		MM-I	^	OE		

🖲. VP

	1	2	3	4		5	6	7
TIME → DAYS	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		IT-B	IT-A		F	MP&A		
TUESDAY		MP&A	IT-B	IT-A	LUNCH			
WEDNESDAY			MP&A	IT-B) ¥	IT-A	IT-A	IT-B
THURSDAY		MP&A	П-А	IT-B	BR			MP&A
FRIDAY		П-А		IT-B	BREAK			
SATURDAY								

6. AKC

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	1	2	3	4		5	6	7
	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			MIS	IA	E		MM-II	
TUESDAY			MIS	IA		DM		_
WEDNESDAY		MM-II	MIS		도	IA		
THURSDAY			IA		BR	DM	MM-II	
FRIDAY		DM		MM-II	BREAK		MM-II	
SATURDAY		IA		MIS	^			

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7. RK

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	1	2	3	4		5	6	7
$TIME \rightarrow DAYS$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			В		5	Α		
TUESDAY		В	A		Z		TM-I	
WEDNESDAY		A	TM-I		2	В		
THHURSDAY			TM-I	В	BR	A		
FRIDAY				A	BREAK	TM-I	В	
SATURDAY					1 ^			

8. CB

	1	2	3	4		5	6	7
$ extsf{TIME} ightarrow extsf{DAYS} \ _{arphi}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		IB		IDT-B	5		IDT-A	IDT-A
TUESDAY				IDT-B	E LUN			IDT-B
WEDNESDAY	IDT-A	IB		IDT-B	Ŷ		IDT-A	
THURSDAY	IDT-A				BR	IB		IDT-B
FRIDAY			IB	IDT-A	BREAK	IDT-B		
SATURDAY			IB		^			

9. MAS

	1	2	3	4		5	6	7
$\operatorname{DAYS}_{\forall}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			CORP-A		E	CORP-B	FA-I	
TUESDAY			FA-I		LUNCH	CORP-A	CORP-B	
WEDNESDAY		CORP-B		CORP			FA-I	
THHURSDAY		CORP-B		FA-I	BR		CORP-A	
FRIDAY			CORP-A		BREAK	CORP-B		
SATURDAY		CORP-B	FA-I	CORP-A	<u>^</u>			

10. CHV

	1	2	3	4		5	6	7
TIME -> DAYS	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		BS-I			-	QDT-A		
TUESDAY		QDT-A			LUNCH	QDT-B		QDT-A
WEDNESDAY			QDT-A		9	BS-I	BS-I	
THURSDAY		QDT-B	QDT-A		BRE	QDT-B		
FRIDAY		BS-I	228 TOAN 12	QDT-B			QDT-A	+
SATURDAY	BS-I			QDT-A	Ř			

11. KMC

	1	2	3	4		5	6	7
${{\sf TIME}} ightarrow {\sf DAYS} _{\psi}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		RM-B	CL		5		DM	
TUESDAY	1	CL	RM-B		LUNCH		RM-A	2
WEDNESDAY		RM-A		CL	T 🗜	RM-B		
THHURSDAY		DM	RM-B		BR	RM-A		
FRIDAY		RM-B		CL	BREAK	RM-A		RM-A
SATURDAY	RM-B		RM-B		~			

12. UDM

	1	2	3	4		5	6	7
$ extsf{TIME} ightarrow extsf{DAYS} \ \psi$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY		FM-2	FM-B		5	CA		
TUESDAY	FM-A		FM-A		LUNCH			
WEDNESDAY		CA	FM-B					
THURSDAY		CA		CA	BREAK			FM-A
FRIDAY	FM-A	FM-A	FM-B	CA	E A			
SATURDAY		FM-B	CA	FM-B	~			

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13. PP

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	1	2	3	4		5	6	7
$TIME \rightarrow DAYS \ \psi$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY			MM	DM	5	ED-A		
TUESDAY		ED-B	DM	ED-A	LUNO		MM	
WEDNESDAY		MM		DM	Ŷ	ED-A	ED-B	
THURSDAY	ED-B	ED-A			BR	MM		
FRIDAY			MM		BREAK		ED-B	
SATURDAY	ED-B			ED-A	1 ^			

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14. NP

	1	2	3	4		5	6	7
$ extsf{TIME} ightarrow extsf{DAYS} \ _{\psi}$	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2	2-3	3-4	4-5
MONDAY	IFRS-B	FA-III	IFRS-A		5		IFRS-B	
TUESDAY				FA-III	JNCH	IFRS-A	IFRS-B	
WEDNESDAY		IFRS-B		IFRS-A	2	FA-III		
THHURSDAY			FA-III	IFRS-B	BR		IFRS-A	
FRIDAY		FA-III	IFRS-A		BREAK	FA-III		IFRS-A
SATURDAY			IFRS-B		^			

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SARADA VILAS COLLEGE MYSURU

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PG DEPARTMENT - M.Com

	11 8	\$ 11	Sem	ester
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Days	Class	10:30-11:30	06735 1144	TABLE NEF	-114	12024	
1.200	N. 111.3.4	and the second se	11:30-12:30	12:30-01:30	1	02:00-03:00	03:00-04:00
Monday	II Semester	S	OB AN.	SM PK	1	OE SB	DEAN
	IV Semester	TAX	CM PK	IA	ĺ	Project - ANJ,	AK, PK & SB
Tuesday	II Semester	HRM	CMI	OB		SM	CALCULORICS AND
	IV Semester	СМ	IA	TAX	AΚ	PK Project – ANJ, /	AK. PK & SB
Wednesday	II Semester	OE	OB	CMI	BREA	HRM	
Wednesday	IV Semester	TAX	CM	IA	8	AK Project – ANJ	, AK, PK & SB
Thursday	II Semester	OE SB	SM	ANJ OB	СH	CMI	HRM
	IV Semester	СМ	IA ANJ	TAX	LUN	SB Project – ANJ, A	AK K PK & SR
Friday	II Semester	CMI	SM PK	AK OE	3. 71	HRM	OB
	IV Semester	СМ	TAX AK	SB IA		AK Project – ANJ, A	ANJ K PK & CD
Saturday	II Semester	SM PK	HRM AK	OE SB			A, I A & 3B
A 14	IV Semester	the second s	- ANJ, AK, PK & S	SB			

Subjects:

- Second Semester
- 1. CMI Capital Market Instruments
- HRM Human Resource Management 2.
- **OB** Organization Behaviour 3.
- 4. SM Strategic Management
- 5. OE Open Elective

Fourth Semester 1. IA - International Accounting 2. CTLP - Corporate Tax Law & Planning

3. CM - Cost Management



Faculty:

ANJ - Dr. Jyothi A N AK-Mrs. Arpitha K PK -Mrs. Pragathi K Co---- 30.3.2.4.

Mrs. Sameena Banu SB-

A. (B)

Sarada Vilas College PG Department M.Com I & III November- 2023

			Time Tab	12:30	1:30	2:00	3:00
Time Days	Class	10:30 To 11:30	11:30 To 12:30	To 1:30	To 2:00	To 3:00	To 4:00
	1 Sem	MM AK	SBD PK	CG ANJ		AK	
Monday	111 Sem	III Sem BRM PK Cost		ANJ ED AK		IB PK	_
	I Sent	SHD	ат ак	CG ANJ	L U N H	FM ANJ	
Tuesday	III Sem	ED AK	BRM	Tax		PK	
-	1 Setti	MM PK	FM	CG ANJ	B AT B IB	АН <u>АК</u> 18	Tax
Wednesday	III Sem	Cost	ED AK	BRM PK	A K	то рк СС	AK SBD
	1 Sem	MM PK/AK	FM	АТ АК	1000	ANJ	PK ED
Thursday	III Sem	Con	Tax AK	1B PK		PK PK	AK FM
1.255	l Sem	CG ANJ	MM AK	SBD PK		AK	ANJ
Friday	III Semi	IB PK	Cost	Tax AK		BRM PK	
	l Sem	SBD PK	ММ РК	FM ANJ			
Saturday	III Sem	Tax ΔK	Cost	ED AK		Faculty:	
AT Accessing D PM Financial Man CG Corporate Gov MM Marketing Ma Sign Statistics for B	agement ornanico	BRM Batanes 18 Internati ED Earrope Cost Marca	a Research Methods sonal Basterest meter Development at Costing Tan Law and Practice			ANJ Dr. Jyotha A AK: Arpetha K PK: Pragatha K	N Sares's Vilas C Mysore - S70

Sarada Vilas College Krishnamurthypuram, Mysuru-570004 PG Department of Chemistry Time Table II Semester 2023-2024

Day	9.30am -1.30pm	1.30- 2.00 pm	2.00pm- 3.00pm	3.00pm- 4.00pm	4.00pm- 5.00pm	
Monday	Organic chemistry Lab – B1 batch NK Physical chemistry Lab – B2batch MCR	L U	HCT: 2.1 (16)KPS Unit-III	HCT: 2.2 (16)MCR Unit-I	Seminar-I (16)	
Tuesday	Organic chemistry Lab – B3 batch KPS Physical chemistry Lab – B1 batch VD	N C	HCT2.4 (16)KPS Unit-III	HCT: 2.3 (16)VD Unit-II	НСТ: 2.1 (16)NK Unit-П	
Wednesday	Organic chemistry Lab – B2 batch NK Physical chemistry Lab – B3 batch VHM	Н	HCT:22 (16)GNS Unit-II	HCT: 2.3 (16)VHM Unit-III	HCT: 2.4 (16)NK Unit-I	
Thursday	Organic chemistry Lab – B1 batch MCR Physical chemistry Lab – B2 batch KPS		HCT: 2.1 (16)GNS Unit-I	HCT: 2.2 (16)RG Unit-III	Seminar-II (16)	
Friday	Organic chemistry Lab – B3 batch GNS Physical chemistry Lab – B1 batch VD	B R E A K	HCT: 2.3 (16)MCR Unit-I	HCT: 2.4 (16)VD Unit-II	Tutorial-I	
Saturday	Organic chemistry Lab – B2 batch GNS	ĸ	- Ont-1	Onn-IN		
	Physical chemistry Lab – B3 batch VHM					

Coordinator

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Dr. E. Guru, ala densi Professor / Coordinator r Tudate Department of Chenearne Vito Courses Measure Principal Dr. M Devika Misc., Miphil, Ph.D. Principal Sarada Vilas Collinna, Krishnamurthemape

Sarada Vilas College Krishnamurthypuram, Mysuru-570004 PG Department of Chemistry Time Table IVSemester 2023-2024

Day	10.00 - 11.00 am	11.00am - 12.00pm	12.00 – 01.00 pm	01.00 – 1.30pm	1.30-5.30 pm
onday	HCT: 4.2 (16)GNS	HCT: 4.3 (16)VD	Seminar-I (16)		Organic chemistry Lab – B1 batch GNS
	Unit-III	Unit-II	(10)	Ũ	Physical chemistry Lab - B3 batch VHM
esday	HCT4.4	HCT: 4.1	Tutorial-I	N	Organic chemistry Lab - B3 batch GNS
	(16)NK Unit-III	(16)MCR Unit-III		L U N C H	Physical chemistry Lab – B2 batch VHM
Inesday	HCT: 41	HCT: 4.2	Tutorial-		Organic chemistry Lab - B3 batch CRM
	(16)KPS Unit-1	(16)RG Unit-I	II B R E Seminar- II(16) K	B R	Physical chemistry Lab - B1 batch KPS
ursday	HCT: 4.1				Organic chemistry Lab - B2 batch NK
	(16)VD Unit-II	(16)VHM Unit-I		II(16)	К
riday		HCT: 4.3	HCT: 4.4		Organic chemistry Lab – B2 batch NK
		(16)VHM Unit-III	(16)KPS Unit-I		Physical chemistry Lab – B3 batch KPS
iturday		HCT: 4.2 (16)NK	HCT: 4.4 (16)MCR		Organic chemistry Lab – B1 batch MCR
		Unit-II	Unit-II		Physical chemistry Lab - B2 batch VD

Coordinator

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Principal

Dr. M Devika M.Sc.,M.Phil.,Fh.D. Principal Sarada Vicas Collega, Krishnemora Jacoba Mesura

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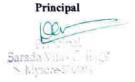
Sarada vilas College Krishnamurthypuram, Mysuru – 570004 Post-Graduate Department of Chemistry

Time Table III Semester 2023-2024

Day	10.00 am - 11.00 am	11.00 am -12.00pm	12.00 pm – 1.00 pm	1.00 pm – 1.30 pm	1.30-5.30 pm
Monday Tuesday	HCT: 3.3 VHM	HCT: 3.4 NK	HCT: 3.1 VD	L U	Inorganic chemistry Lab – B1 batch (NK) Analytical chemistry Lab – B2 batch(VHM)
	HCT:3.2 GNS	S VHM C	Seminar-I	N	Inorganic chemistry Lab - B2 batch(NK)
				C	Analytical chemistry Lab - B1batch(KPS)
Wednesday	HCT: 3.1		1 н	Inorganic chemistry Lab - B1 batch(GNS)	
Thursday	GNS HCT: 3.2 MCR	RG	HCT: 3. 4 NK		Analytical chemistry Lab - B2 batch(KPS)
		HCT: 3.1 VD		B	Inorganic chemistry Lab - B2 batch(MCR)
				E	Analytical chemistry Lab - B1 batch(VD)
Friday	HCT: 3.4 KPS	HCT: 3.3 MCR	Tutorial class - I	B R E A K	
Saturday		Open	Elective		

Coordinator

Ele, E. General via Adjuta Professor - Coordinato, Pas-Gales Department & Charles Batele View College Ministry - Se



ournon vnns College Krishnamurthypuram, Mysuru - 570004 Post-Graduate Department of Chemistry

Time Table I Semester during the year 2023-2024

Time / Day	9.30-10.30	10.30 -11.30	11.30 - 12.30	12.30 - 1.30	1.30 - 2.00	2.00 - 3.00	3.00 - 4.00	4.00 - 5.00	
Monday	Inorga	nic chemistry I	ah - Bl hatak	(MCD)					
	and the second se			20		HCT:1.1	HCT;1.4	HCT:1.2	
	Analy	tical chemistry	Lab - B3 batc	h (KPS)		GNS	KPS	RG	
Tuesday	Inorg	anic chemistry	Lab - B3 hate	h (NK)	- L				
	Analy	tical chemistry	Lab - B2 bate	ch (VD)		HCT:1.3 MCR	HCT:1.1 VD	Tutorial-I	
Wednesday	Inorga	nic chemistry I	ab - B3 batch	(MCR)	LUNCH	HCT: 1.4	HCT:1.2	Seminar-1	
	Analytical chemistry Lab – B1 batch (VD)					NK	MCR	Seminar-1	
Thursday		nic chemistry I				LICT. L.			
. nur suay		cal chemistry I				HCT:1.4 KPS	HCT:1.3 RG	Seminar-2	
Friday	Inorga	nic chemistry I	c chemistry Lab - B1 batch (GNS)						
	Analyti	cal chemistry L	ab - B2 batch	(VHM)	_	Inorganic chemistry Lab - B2 batch (N			
	Analytical chemistry Lab – B2 batch (VHM)					Analytical chemistry Lab - B3 batch			
Saturday	10.00 am -11.0 am	0 11.00 am -	12.00pm 12.00) pm ~ 1.00 pm				·	
	HCT:1.2 GNS	HCT: VI		HCT:1.3 VHM					

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Coordinator Add the free of the set of the Pode Autob Astronom of Sernia Mar Colla -



SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) MATHEMATICS DEPARTMENT

Time Table

Day	8.30-9.30	9.30-10.30	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		V B. Sc. (R3)	I B. Sc. (R4)	III B. Sc. (R5) III Hon's	V B. Sc. (R3)			I Hon's				
		147					<	<> V SEM B. Sc. LAB>				
TUE	V B. Sc. (R3)		I B. Sc. (R4)	III B. Sc. (R4)	V B. Sc. (R3) I Hon's		III Hon's					
WED	l Hon's		IOE		V B. Sc. (R3) I BCA	LUNCH	III Hon's	III Hon's	. Sc. LAB	->		
тни			V B. Sc. (R3)	I Hons'	III B. Sc. (R4)	BREAK		I SEM B				
FRI			I B. Sc.(R3) I BCA		III B. Sc. (R4) III Hon's I OE		۲-	l Hon's	3. Sc. LAB —	>		
SAT		I OE	V B. Sc. (R3) I BCA	I B. Sc. (R3)	V B. Sc.(R3)							

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MATHEMATICS DEPARTMENT Dr. Yathirajsharma M.V. Individual Time

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SARADA VILAS COLLEGE KRISHNAMURTHYPURAM, MYSURU

DEPARTMENT OF PHYSICS

TEACHING PLAN

ACADEMIC YEAR: 2023-2024

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 & vernie 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.

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		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.

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Teacher 3

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MONTH	HOU RS	PORTIONS TO BE COVERED
September	3	Bridge course-Basic concepts of types of bodies
October	Bridge course- Discussion of regular bodies irregular bodies with examples	
Elas		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 wir couple on a cylinder.		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



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.

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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.

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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 paralle plate capacitor, parallel plate capacitor with dielectric, dielectrics: an atomic view.		
ΜΑΥ	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		

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HOURS	PORTIONS TO BE COVERED
2	Magnetism Definition of magnetic field, Ampere's law
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,
2	law of induction and mutual inductance, self inductance and energy stored in a magnetic field.
2	Alternating current circuits: Resonant circuit, alternating current,
4	Quality factor, RL, RC, LC, LCR circuits, admittance and impedance, power and energy in AC circuits.
2	NUMERICALS
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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,
ΜΑΥ	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

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TEACHING PLAN FOR THE YEAR 2022-2023

III SEMESTER (NEP) (A & B SECTION)

Title: Wave motion and Optics

Teacher1

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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

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MONTH	HOURS	PORTIONS TO BE COVEREDVelocity of transverse waves along 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).	
November	4		
December	4	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		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	



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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

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MONTH	HOURS	PORTIONS TO BE COVERED	
November	4	Introduction- Fraunhofer diffractions- Single slit diffraction pattern-position of Maxima and Minima (Qualitative arguments)- Two sl 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		

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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,	
МАҮ	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 $d\lambda$. 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		

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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. 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. 		
JUNE				
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.		



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. Numerical problems.		
ΜΑΥ	1			
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		Applications of ac circuits: i) ac bridges— Anderson's bridge		
AUGUST	2	Electronic configuration of atoms. Valence electron. Brief mention of <i>LS</i> and <i>JJ</i> 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

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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.

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SARADAVILAS COLLEGE Department of Chemistry

TEACHING PLAN: I SEMESTER

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Teaching Plan for the Year 2023-24 - I semester - Inorganic chemistry

Teaching hours	Syllabus to be Taught	
1 ST WEEK	Introduction.	
2 ND WEEK	Bohr's theory, its limitations and atomic spectrum of hydrogen atom.	
3 RD WEEK	Wave mechanics: de Broglie equation, Heisenberg's Uncertainty Principle and its significance.	
4 TH WEEK	Schrödinger's wave equation, significance of ψ and ψ 2.	
5 th WEEK	Normalized and orthogonal wave functions. Sign of wave functions.	
6 th WEEK	Radial and angular wave functions for hydrogen atom.	
7 th WEEK	Radial and angular distribution curves.	
8th WEEK	Shapes of s, p, d and f orbitals.	
9 th WEEK	Contour boundary and probability diagrams.	
10 th WEEK	Pauli's Exclusion Principle, Hund's rule of maximum multiplicity, Aufbau's principle and its limitations.	
11th WEEK	Electronic configurations of the elements (Z=1-30	
12 th WEEK	effective nuclear charge, shielding/screening effect	
13th WEEK	Slater's rules.	
14th WEEK	Variation of effective nuclear charge in Periodic Table.	

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Teaching Plan for the Year 2023-24 - I semester - organic chemistry

Teaching hours	Syllabus to be Taught	
1 ST WEEK	Classification and nomenclature of organic compounds. Hybridization, Shapes of organic molecules, Influence of hybridization on bond properties.	
2 ND WEEK	Nature of bonding in Organic molecules Formation of Covalent bond, Typ of chemical bonding, localized and delocalized	
3 rd WEEK	Huckel rule, anti-aromaticity explanation with examples. Strengths of Organic acid and bases: Comparative study with emphasis on factors effecting pK values.	
4 th WEEK	Relative strength of aliphatic and aromatic carboxylic acids-Acetic acid and chloroacetic acid, acetic acid	
5 th WEEK	propionic acid, acetic acid and Benzoic acid. Steric effect- Relative stability of trans and cis-2-butene.	
6 th WEEK	Notations used to represent electron movements and directions of reactions- curly arrows, formal charges.	
7 th WEEK	Types of bonds breaking- homolytic and heterolytic. Types of reagents- Electrophiles, nucleophiles, nucleophilicity and basicity.	
8 th WEEK	Types of organic reactions- substitution, addition, elimination, rearrangement and pericyclic reactions, explanation with examples.	
9th WEEK	Chemistry of Aliphatic hydrocarbons, Carbon-Carbon Sigma bonds	
10 th WEEK	Chemistry of alkanes: Formation of alkanes, Wurtz reaction, Wurtz-Fittig reaction, Free radical substitution, Halogenation- relative reactivity and selectivity	
11th WEEK	Formation of alkenes and alkynes by elimination reaction. Mechanism of E1 E2, E1cb reaction. Saytzeff and Hofmann eliminations.	
12 th WEEK	Addition of halogens to alkenes-carbocation and halonium ion mechanism. Stereospecificity of halogen addition.	
13 th WEEK	Ozonolysis mechanism - ozonolysis of propene. Addition of hydrogen halide to alkenes, mechanism, regioselectivity and relative rates of addition.	
14 th WEEK	Diels-Alder reaction, Allylic and benzylic bromination and mechanism in propene, 1-butene, 1-toluene and ethylbenzene.	

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Teaching Plan for the Year 2023-24 - I semester - Physical chemistry

Month	Teaching		
		Elementary aspects of kinetic theory of gases, Ideal and real gases. I temperature	Boyle
2 ND	WEEK	Molecular velocity, collision frequency, collision diameter, Collisio section,	n cross
3 RD	WEEK	Collision number and mean free path and coefficient of viscosity, ca of σ and η .	lculation
4 TH	WEEK	variation of viscosity with temperature and pressure.	
5 th	WEEK	Maxwell's Boltzmann distribution law of molecular velocities (Most probable, average and root mean square velocities).	t
6 th	WEEK	Behaviour of real gases: Deviation from ideal gas behaviour. Compressib factor (Z) and its variation with pressure for different gases.	
7 th	WEEK	Causes of deviation from ideal behaviour, vanderWaals equation of stat (No derivation) and application in explaining real gas behaviour.	
8 th WEEK Critical phenomena – Andrews isotherms of CO2, critical consta calculation from van der Waals equation, Continuity of states, Law of corresponding states. Numerical problems.		Critical phenomena – Andrews isotherms of CO2, critical constants calculation from van der Waals equation, Continuity of states, Law of corresponding states. Numerical problems.	and thei
9 th	WEEK	Surface Tension: Definition and its determination using stalagmometer, of temperature and solute on surface tension	
10 th	WEEK	Viscosity: Definition, Coefficient of viscosity. Determination of viscosity liquid using Oswald viscometer.	
11 th WEEK Effect of temperature, size, weight, shape of molecules and intermole forces			
12 th WEEK Refraction: Specific and molar refraction- definition and advantages. Determination of refractive index by Abbes Refractometer. Additive constitutive properties.		and	
13 th WEEK Parachor: Definition, Atomic and structure parachor, Elucidation of a of benzene and benzoquinone.		structure	
14 th WEEK Viscosity a constitution		Viscosity and molecular structure. Molar refraction and chemical constitution.Numerical Problems.	

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Teaching hours	Syllabus to be Taught	
1 st WEEK	Language of analytical chemistry: Definitions of analysis, determination, measurement, techniques and methods.	
2 ND WEEK	Classification of analytical techniques. Choice of an analytical method accuracy, precision, sensitivity, selectivity, method validation	
3 RD WEEK	. Figures of merit of analytical methods and limit of detection (LOD),	
4 TH WEEK	Limit of quantification (LOQ), linear dynamic range (working range)	
5 th WEEK	Errors and treatment of analytical data: Limitations of analytical methods - Errors: Determinate and indeterminate errors, absolute error, relative error, minimization of errors. Statistical treatment of	
6 th WEEK	finite samples -mean, median, range, standard deviation and variance. External standard calibration - regression equation.	
7 th WEEK	correlation coefficient (R2).	
8 th WEEK	Numerical problems.	
9 th WEEK	Basic laboratory practices, calibration of glassware (pipette, burette and volumetric flask), Sampling (solids and liquids), weighing, drying,	
10 th WEEK	weighing, drying dissolving, Acid treatment, Rules of work in analytical laboratory,	
11th WEEK	General rule for performing quantitative determinations	
12th WEEK	General rule for performing quantitative determinations (volumetr and gravimetric).	
13 th WEEK	Safety in Chemical laboratory, Rules of fire prevention and accidents, First aid.	
14th WEEK	Precautions to be taken while handling toxic chemicals, concentrated/fuming acids and organic solvents.	

Teaching Plan for the Year 2023-24 - I semester - Analytical chemistry



TEACHING PLAN: II SEMESTER

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ANALYTICAL CHEMISTRY 2 ND SEM NEP 2023-24	
Teaching hours	Syllabus to be Taught
l st WEEK	Titrimetric analysis: Basic principle of titrimetric analysis. Classification, Preparation and dilution of reagents/solutions.
2 ND WEEK	Normality, Molarity and Mole fraction.
3 RD WEEK	Use of N1V1= N2V2 formula, Preparation of ppm level solutions from source materials (salts), conversion factors.
4 TH WEEK	Acid-basetitrimetry: Titration curves for strong acid vs strong base, weak acid vs strong base and weak base vs strong acid titrations
5 th WEEK	Titration curves, Quantitative applications – selecting and standardizing a titrant, inorganic analysis - alkalinity, acidity.
6th WEEK	Complexometric titrimetry: Indicators for EDTA titrations - theory of metal ion indicators,
7 th WEEK	titration methods employing EDTA - direct, back
8 th WEEK	titration methods employing EDTA - displacement and indirect determinations,
9th WEEK	Application determination of hardness of water
10 th WEEK	Redox titrimetry: Balancing redox equations, calculation of the equilibrium constant of redox reactions, titration curves
11 th WEEK	Theory of redox indicators, calculation of standard potentials using Nerns equation. Applications.
12 th WEEK	Precipitation titrimetry: Titration curves, titrants and standards, indicators for precipitation titrations involving silver nitrate- Volhard's and Mohr's methods and their differences
13 th WEEK	Requisites of precipitation, mechanism of precipitation, Factors influencing precipitation, Co-precipitation, post- precipitation
14 th WEEK	Advantages of organic reagents over inorganic reagents, reagents used in gravimetry (8-hydroxy quinoline (oxine) and dimethyl glyoxime (DMG). Numerical problems on all the above aspects.

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	DRGANIC CHEMISTRY 2 ND SEM NEP 2023-24
Teaching hours	Syllabus to be Taught
1 st WEEK	s, p, d and f-block elements, the long form of periodic table.
2 ND WEEK	Detailed discussion of the following properties of the elements, with reference to s and p-block elements: (a) Atomic radii (van der Waals
3 RD WEEK	(b) Ionic and crystal radii.
4 th WEEK	c) Covalent radii
5 th WEEK	(d) Ionization enthalpy,
6th WEEK	successive ionization enthalpies.
7 th WEEK	factors affecting ionization energy.
8 th WEEK	Applications of ionization enthalpy.
9 th WEEK	(e) Electron gain enthalpy, trends of electron gain enthalpy.
10 th WEEK	f) Electronegativity, Pauling's/ Mulliken's/ Allred Rachow's/ and Mulliken-Jaffé's electronegativity scales.
11 th WEEK	Variation of electronegativity with bond order, partial charge,
12 th WEEK	hybridization, group electronegativity.
13 th WEEK	Trends in the chemistry of the compounds of groups 13 to 14 (hydrides, carbides, oxides and halides) are to be discussed
14 th WEEK	Trends in the chemistry of the compounds of groups 15 to 17 (hydrides, carbides, oxides and halides) are to be discussed

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0	ORGANIC CHEMISTRY 2 ND SEM NEP 2023-24	
Teaching hours	Syllabus to be Taught	
1 ST WEEK	Nucleophilic substitution at saturated carbon.	
2 ND WEEK	Mechanism of SN1 reactions with suitable examples.	
3 RD WEEK	and SN2 reactions with suitable examples	
4 TH WEEK	Energy profile diagrams, Stereochemistry	
5 th WEEK	factors effecting SN1 and SN2 reactions.	
6 th WEEK	Aromatic Electrophilic substitution reactions,	
7 th WEEK	Friedel Crafts alkylation	
8 th WEEK	Mechanisms, σ and π complexes, Halogenation, Nitration,	
9th WEEK	Sulphonation,	
10 th WEEK	and acylation with their mechanism.	
11th WEEK	Activating and deactivating groups.	
12 th WEEK	Orientation influence, Ortho-para ratio.	
13 th WEEK	Aromatic nucleophilic substitution reaction: SNAr mechanism with suitable examples	
14 th WEEK	Benzyne mechanism with suitable examples	

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PHYICAL CHEMISTRY 2 ND SEM NEP 2023-24		
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Teaching hours	Liquid Crystals Explanation, classification with examples- Silicite, nematic, cholesteric, dics shaped and polymeric.	
2 ND WEEK	Structures of nematic and cholesteric phases-molecular arrangements in nematic and cholesteric liquid crystals.	
3 RD WEEK	Applications of liquid crystals in LCDs and thermal sensing.	
4 TH WEEK	Solids Forms of solids: Unit cell and space lattice, anisotropy of crystals, size and shape of crystals,	
5 th WEEK	Laws of Crystallography: Law of constancy of interfacial angles, Law of rational indices,	
6 th WEEK	Law of symmetry (Symmetry elements), Crystal systems, Bravais lattice types and identification of lattice planes.	
7 th WEEK	Miller indices and its calculation,	
8 th WEEK	X-Ray diffraction by crystals: Bragg's law and derivation of Bragg's equation,	
9 th WEEK	Single crystal and powder diffraction methods. Defects in crystals, glasses and liquid crystals. Numerical problems.	
10 th WEEK	Distribution Law Nernst Distribution Law - Statement and its derivation. Distribution constant,	
11 th WEEK	factors affecting distribution constant, validity of Distribution Law, Modification of distribution law when molecules undergo a)	
12 th WEEK	Association b) Dissociation. Application of Distribution Law in Solvent extraction.	
13 th WEEK	Derivation for simple and multiple extraction. Principles of distribution law in Parkes Process of desilverisation of lead.	
14 th WEEK	Numerical Problems	

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TEACHING PLAN: V SEMESTER (PAPER V)

INORGANIC CHEMISTRY 5TH SEM (PAPER V) NEP 2023-24	
Teaching hours	Syllabus to be Taught
1 st WEEK	Coordination compounds: Ligands, classification of ligands, and chelation
2 ND WEEK	physical methods in the study of complexes-change in conductance, color and pH. Nomenclature of co-ordination compounds
3 RD WEEK	Inner metallic polynuclear and bridged complexes
4 TH WEEK	Preparation of complexes-by simple addition reactions, substitution reactions and oxidation-reduction reactions
5 th WEEK	Geometries of complexes with coordination number 3 to 8.
6th WEEK	Metal-Ligand equilibria in solution: Stability of complexes- kinetic
7th WEEK	thermodynamic stability of metal complexes,
8th WEEK	step-wise and overall formation constant and their relationship, trends in step-wise constant.
9 th WEEK	Factors affecting the stability of metal complexes with reference to the nature of the metal ion and ligand,
10th WEEK	chelate effect, macrocyclic effect and their thermodynamic origin.
11 th WEEK	Determination of formation constant by pH metric, and spectrophotometric methods.
12 th WEEK	Isomerism in co-ordination complexes: Structural isomerism- Ionization, Hydrate isomerism.
13 th WEEK	Linkage, Ligand isomerism. Stereoisomerism — Geometrical
14 th WEEK	optical isomerism exhibited by co-ordination compounds of co-ordination number 4 and 6.

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ORGAN	ORGANIC CHEMISTRY 5 TH SEM NEP (PAPER V) 2023-24	
Teaching hours	Syllabus to be Taught	
1 st WEEK	Aromaticity, Homo-aromaticity of azulene, tropone, tropolone	
2 ND WEEK	benzenoids, meso-ionic compounds.	
3 RD WEEK	Alternant and non-alternant hydrocarbons, Energy levels in odd and even alternant hydrocarbons.	
4 TH WEEK	Stereochemistry: Chirality in allenes, alkylidene	
5 th WEEK	cycloalkanes and spiranes (with a stereogenic axis).	
6th WEEK	Cram's and Prelog's rules. Conformational analysis of substituted cycloalkanes Methyl, , iso-propyl,	
7th WEEK	Cram's and Prelog's rules. Conformational analysis of substituted cycloalkanes tert-butyl, dialkyl, dihalo, diols, and cycloheptane.	
8 th WEEK	Nomenclature and conformations of fused rings and bridged ring systems.	
9th WEEK	Prochirality: Enantiotopic and diastereotopic atoms, groups and faces.	
10 th WEEK	Vitamins: Definition, classification.	
11 th WEEK	Structure elucidation, synthesis and biological importance of Vitamin A, and Vitamin C.	
12 th WEEK	Structural formulae and biological importance of thiamine, pyridoxine, folic acid, pantothenic acid, riboflavin, a-tocopherol, biotin, vitamin Kl and vitamin K2.	
13 th WEEK	folic acid, pantothenic acid, riboflavin,	
14 th WEEK	a-tocopherol, biotin, vitamin Kl and vitamin K2.	

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PHYICAL CHEMISTRY 5 TH SEM (PAPER V) NEP 2023-24	
Teaching hours	Syllabus to be Taught
1 ST WEEK	Photochemistry: Laws of photochemistry: Grothus-Draper's law
2 ND WEEK	Stark-Einstein law of photochemical equivalence.
3 RD WEEK	Quantum efficiency: definition, reasons for low quantum yield and high quantum yield with examples (formation of HBr and formation of HCI).
4 TH WEEK	Actinometers: Uranyl oxalate actinometer,
5 th WEEK	Potassium ferrioxalate actinometer (Qualitative study). (Numerical problems
6th WEEK	Photophysical processes: Jabolonski diagram, photosensitization (mercury as an example),
7 th WEEK	photoinhibition, fluorescence and phosphorescence, chemiluminescence and bioluminescence (explanation with examples), mechanism (qualitative).
8th WEEK	Radiation Chemistry: Definition, primary and secondary stages in radiochemical reactions, ionic yield, energy yield, comparison with photochemistry
9 th WEEK	Units of radiation-rad, gray, Roentgen. Dosimeters-Frick-dosimeter, ceric sulphate dosimeter (qualitative study)
10 th WEEK	theories of radiolysis Lind's and EHT theories. Radiolysis .of water (qualitative study) and acetic acid.
11th WEEK	Phase equilibria: Definition of the terms-phase, component and degree of freedom with examples.
12 th WEEK	Statement of Gibb's phase rule and thermodynamic derivation. Applications: (a) one component system (water system); (b) reduced phase rule and reduced system,
13th WEEK	two component system (Silver-lead system, eutectic type), desilverization of lead and FeC13-H2() system (congruent melting point).
14 th WEEK	Freezing mixtures: Definition and examples, explanation based on RI- water system.

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MOLEC	ULAR SPECTROSCOPY 5 TH (PAPER V) SEM NEP 2023-24
Teaching hours	Syllabus to be Taught
1 st WEEK	Electromagnetic radiation: Regions of electromagnetic radiations (spectra),
2 ND WEEK	molecular energy levels, absorption and emission spectra, Born- Oppenheimer approximation.
3 RD WEEK	Rotation spectroscopy: Selection rules, expression for rotational spectra of diatomic molecules for rigid rotator model,
4 ^{τιι} WEEK	moment of inertia (expression to be derived) rotational energy rotational spectral lines,
5 th WEEK	determination Of bond lengths Of diatomic molecules, isotopic substitution effect on rotational lines.
6th WEEK	Vibrational spectroscopy: Selection rules, classical equation of vibration, computation of force constant,
7 th WEEK	expression for vibrational energy levels and potential energy of simple harmonic oscillator,.
8 th WEEK	zero-point energy, determination of force constant bond dissociation energies, fundamental frequencies, overtones.
9 th WEEK	The number of degrees of freedom of vibrations polyatomic molecules, modes of vibration (C02and H20).
10 th WEEK	Raman spectroscopy- Selection rules, origin of Raman spectrum, quantum mechanical theory, stokes and anti-stokes lines.)
11th WEEK	Pure rotational Raman spectra of diatomic molecule(derivation.
12 th WEEK	and vibrational rotational Raman spectra for diatomic molecule(explanation with equation
13th WEEK	Electronic spectra: Concepts of potential energy curves for bonding and
14 th WEEK	anti-bonding molecular orbitals, Franck-Condon principle.

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TEACHING PLAN: V SEMSTER (PAPER VI)

INORGANIC CHEMISTRY 5TH SEM (PAPER VI) NEP 2023-24	
Teaching hours	Syllabus to be Taught
1 ST WEEK	Modern concept of acids and bases: Lux-Flood and Usanovich concepts.
2ND WEEK	solvent system and levelling effect. Hard-Soft Acids and Bases,
3 RD WEEK	Classification and Theoretical backgrounds. Non-aqueous solvents:
4 TH WEEK	Classification of solvents, Properties of solvents (dielectric constant, donor and acceptor properties)
5th WEEK	protic solvents (anhydrous HF and glacial acetic acid)
6th WEEK	aprotic solvents (liquid S02, BrF3 and N204).
7 th WEEK	Solutions of metals in liquid ammonia, hydrated electron.
8 th WEEK	Super acids and super bases.
9 th WEEK	Chemistry of main group elements: Structure and bonding in boranes (B2H6, B4H to, B5H9),
10 th WEEK	carboranes (C2B10H12, C2B9H13, C2B6H12),
11th WEEK	Wades rules, borazines, Phosphazines,
12th WEEK	S, N. compounds.
13 th WEEK	M-M bond and metal atom clusters: Halide clusters, bonding in [ReC18]2
14th WEEK	Metal carbonyl clusters- LNCC's and HNCC's. Electron counting in carbonyl clusters, Wades-Mingos and Lauher rule

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ORGANIC CHEMISTRY 5 TH SEM NEP (PAPER VI) 2023-24	
Teaching hours	Syllabus to be Taught
1 st WEEK	Carbohydrates: Introduction
2 ND WEEK	Monosaccharides-Open and ring structure of glucose, mutarotation, epimerization.
3 RD WEEK	Inter conversion reactions (aldose to ketose, ketose to aldose, chain elongation-
4 th WEEK	Killiani-Fischer method, and chain degradation-Ruffs method), Determination ring size of glucose (methylation).
5 th WEEK	Determination of configuration and conformational analysis of monosaccharides (glucose, galactose).
6th WEEK	Amino sugars: Structural formulae and conformations of a- and ß- (glucosamine, galactosamine). Disaccharides Structure elucidation of sucrose.
^{7th} WEEK	Polysaccharides-partial structural formulae of starch and cellulose. Application of starch in titrimetric analysis
8 th WEEK	Heterocyclic compounds: Definition, classification and nomenclature.
9 th WEEK	Furan-synthesis (from pentasan), reactions (nitration, acylation).
10 th WEEK	Thiophene-synthesis (from sodium succinate), reactions (sulphonation, chlorination).
11 th WEEK	Pyrrole-synthesis (from furan), reactions (diazotization, Riemer- Tiemann). Pyridine-synthesis (from acetylene), reactions (bromination, with NaNH2).
12 th WEEK	Aromaticity and basicity of pyrrole and pyrimidine. Indole: Synthesis (Fischer), reactions (Br2/HOAc, CHC13/NaOH).
13 th WEEK	Quinoline: Synthesis (Skraup), reactions (nitration, with NaNH2, with KMn()4/Na()H).
14 th WEEK	Pyrazole: Synthesis (From acetyl acetone and hydrazine), reactions (nitration, bromination

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PHYICAL CHEMISTRY 5 TH SEM NEP (PAPER VI) 2023-24	
Teaching hours	Syllabus to be Taught
1 st WEEK	Quantum Mechanics: Introduction, black body radiation, plank radiation law, photo electric effect, Compton effect, de Broglie concept and uncertainty principle.
2 ND WEEK	Concepts of Operators: Laplacian, Hamiltonian, Linear and Hermitian
3 RD WEEK	Eigen function and eigen values. Postulates of quantum meenances Solutions of Schrödinger wave equation for a free particle, particle in a one-dimensional box.
4 th WEEK	Colligative properties: Definition and examples. Lowering of vapour pressure: Raoult's law (to be derived), relationship between relative lowering of vapour p essure and molar mass (to be
5 th WEEK	Experimental determination of molar mass of the olute by Dynamic method (Numerical problems).
6th WEEK	Elevation in boiling point: Definition, its relation to lowering of vapour pressure and molar mass (to be derived).
7 th WEEK	Ebullioscopic constant of the solvent and its relation to the boiling point (only equation). Experimental determination of molar mass of the solute by walker-l,umsden method (Numerical problems).
8th WEEK	Depression in freezing point: Definition, its relation to lowering of vapour pressure and molar mass (to be derived).
9 th WEEK	Cryoscopic constant and its relation to melting point (only equation). Determination of molar mass of non-volatile solute by Rast method (Numerical problems).
10 th WEEK	semipermeable membrane: Definition, types with examples. Preparation of artificial semipermeable membrane (copper ferrocyanide) by Morse- Erazer method
11 th WEEK	Osmotic pressure: Definition of osmosis, reverse osmosis and osmotic pressure.
12 th WEEK	Determination of osmotic pressure by Berkely-Hartleyjs method (Numerical problems). Applications of osmotic pressure (mention only).
13th WEEK	Osmotic laws and analogy with gas laws: Relationship between molar mass and osmotic pressure (to be derived).
14 th WEEK	Isotonic solutions, plasmolysis and haemolysis. Abnormal molecular mass, causes, vant Hoffs factor (Numerical problems

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UV VISIBI	E SPECTROSCOPY 5 TH SEM NEP(PAPER VI) 2023-24
Teaching hours	Syllabus to be Taught
1 st WEEK	Introduction, measurement of absorption intensities, absorption maxima (λmax)
2 ND WEEK	instrumentation, types of electronic transitions, concept of chromophores and auxochromes.
3 RD WEEK	Absorption and intensity shifts (bathochromic, hypsochromic, hyperchromic and hypochromic).
4 th WEEK	Types of absorption bands (K, R, B and E-bands).
5 th WEEK	The effect of solvents temperature and conjugation on absorption.
6th WEEK	Woodward-Fieser rules for calculation of absorption maxima for: Conjugated dienes (aliphatic,
7 th WEEK	alicyclic, exocyclic, homoannular, heteroannular, with and/or without extended conjugation, and polyenes),
8 th WEEK	ß-Unsaturated carbonyl compounds (aldehydes, ketones, carboxylic acids
9 th WEEK	esters with and/or without extended conjugation) and Acyl benzene derivatives.
10 th WEEK	Absorption in compounds with N-O bonds, quinones
11th WEEK	cediketones, a-keto aldehydes, benzene and its derivatives.
12 th WEEK	Absorption spectra of heterocyclic and condensed ring systems (cata- condensed and peri-condensed).
13 th WEEK	Effect of steric hindrance and coplanarity (cis, trans isomers) on absorption.
14 th WEEK	The electronic transitions in charge transfe complexes, and keto-enol tautomers

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TEACHING PLAN: VI SEMESTER (PAPER- VII)

INORGANIC CHEMISTRY 6 TH SEM (PAPER- VII) NEP 2023-24		
Teaching hours	Syllabus to be Taught	
1 st WEEK	Metal-ligand bonding: Valence bond theory: Salient features, formation and magnetic properties of octahedral complexes [Fe(CN)6]4-, [Fe(CN)6]3-	
2 ND WEEK	[Co(CN)6]3-, [CoF6]3-, [Cr(H2O)6]3+, [Fe(H20)6]2+	
3 RD WEEK	Formation and magnetic properties of tetrahedral and square planar complexes [Ni(C0)4], [Cu(NH3)4]2+, [Ni(CN)4]2- and [Pt(Cl4)]2-, limitations of VBT.	
4 [™] WEEK	Crystal field theory: Salient features, splitting of d-orbitals in octahedral, tetrahedral, and	
5 th WEEK	splitting of d-orbitals in square planar geometry.	
6th WEEK	Applications- colors of transition metal complexes, magnetic properties or octahedral complex,	
7 th WEEK	CFSE and their uses. Factors affecting CFSE:	
8 th WEEK	Geometry of complexes, nature of the central metal ion, nature of ligand, and spectrochemical series.	
9 th WEEK	Limitations of CFT. Experimental evidence for metal-ligand covalent bonding in complexes, nephelauxetic effect.	
10 th WEEK	MO theory: tetrahedral and octahedral complexes (including p boliding).	
11 th WEEK	Magnetic properties of coordination compounds: Introduction,	
12 th WEEK	magnetic susceptibility and its determination- Gouy method.	
13 th WEEK	Faraday method,	
14 th WEEK	the effects of temperature on µeff, ferromagnetism, anti-ferromagnetism and ferrimagnetism	

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ORGANIC CHEMISTRY 6TH SEM (PAPER- VII) NEP 2023-24	
Teaching hours	Syllabus to be Taught
I ST WEEK	Aromatic Electrophilic Substitution Reactions.
2 ND WEEK	Quantitative treatment of reactivity in substrates and electrophiles.
3 RD WEEK	Amination, sulfonylation, diazonium coupling,
4 TH WEEK	Vilsmeier-Haack reaction, Gatterman reaction,
5 th WEEK	Gatterman-Koch reaction and Hoesch reaction
6th WEEK	Aromatic Nucleophilic substitution reactions: The Goldberg reaction,
^{7th} WEEK	Bucherer reaction, Schiemann reaction, von Richter reaction, and Sommelet-Hauser reactions.
8 th WEEK	Addition Reactions: Addition reactions of cyclopropane ring.
9 th WEEK	Addition reactions of carbonheteroatom multiple bonds: Mechanism of metal hydride reduction (NaH, LiH,
10 th WEEK	Mechanism of metal hydride reduction LiA1H4, NaBH4),
11th WEEK	Grignard reagent (CH3MgBr) and organolithium (CH3Li) of saturated and unsaturated carbonyl compounds.
12th WEEK	Hydrolysis of nitriles with mechanism.
13 th WEEK	Wittig, Mannich and Stobbe reactions.
14 th WEEK	Elimination Reactions: Effects of substrate structure, attacking base, the leaving group and the medium on elimination reactions. Chugaev reactions

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	L CHEMISTRY 6 TH SEM (PAPER- VII) NEP 2023-24 Syllabus to be Taught	
Teaching hours	Ionic equilibria: Ionic equilibria in aqueous solutions, strong and weak electrolytes definition and examples.	
2 ND WEEK	Ostwald's dilution law (to be derived) and its limitations.	
3 RD WEEK	DebyeHuckel theory of strong electrolytes (relaxation time, electrophoretic effect and viscous effect). Activity and activity coefficient-definition and their relation.	
4 TH WEEK	Hydrolysis of saltsDerivation of hydrolysis constant and degree of hydrolysis of the salt of weak acid and weak base (ammonium acetate as	
5 th WEEK	effect of temperature on degree of hydrolysis. (Numerical problems).	
6th WEEK	Electrochemistry-II: Electrolytic and Electro chemical cells (galvanic cells)-Daniel cell (construction, working and cell reaction).	
7 th WEEK Reversible and irreversible cells, rules for representation of a cells		
8th WEEK	Standard electrode potential, sign convention for electrode potential, Nernst equation for single electrode potential (Derivation).	
9th WEEK	Reference electrodes: Calomel electrode, Ag-AgCl electrode. Weston	
10th WEEK	Construction, cell reaction, working, Concentration reaction cell and with	
11 th WEEK	Equilibrium constant and free energy of a cell with transport (example), concentration cell without transport, EMF of concentration cell (derivation).	
12 th WEEK	Liquid junction potential. Salt bridge Application of concentration cell: Valency of ions and solubility product of sparingly soluble salt. Applications of EMF measurements in (a) Determination of pH of a rolution using (i) quinhydrone electrode.	
13th WEEK	 (ii) glass electrode. (b) Potentiometric titration-principle and location of end point in (i) Oxidation - reduction reaction, 	
14th WEEK	(ii) Precipitation reaction, iii) acid-base reaction	

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INFRAREI	SPECTROSCOPY 6TH SEM (PAPER- VII) NEP 2023-24
Teaching hours	Syllabus to be Taught
1 st WEEK	Introduction, principle, modes of vibrations, vibrational frequency.
2 ND WEEK	Factors influencing vibration frequencies (coupled vibration, electronic effects, and bond angles).
3 RD WEEK	Finger print region and its significance.
4 TH WEEK	Effects of H-bonding, conjugation, resonance, and ring size on IR absorptions.
5 th WEEK	IR absorption frequency positions in; Hydrocarbons (alkanes, alkenes, alkynes, cycloalkanes, aromatic),
6th WEEK	halogen compounds, alcohols and phenols, ethers, aldehydes and ketones (aliphatic, alicyclic, and aromatic),
7 th WEEK	esters and lactones, acids, acid halides, acid anhydrides,
8 th WEEK	amides, lacüms, amines, amino acids, nitro compounds,
9 th WEEK	anilides, nitriles, thiols, thiophenols, sulphonic acids sulphonamides, and
10 th WEEK	hetero aromatic compounds.
11th WEEK	Coordination compounds: Changes in infrared spectra of donor molecules upon coordination
12 th WEEK	(N,N-dimethylacetamide, urea, DMSO,
13 th WEEK	pyridine N-oxide, ammine, cyano, cyanato and thiocyanato complexes),
14 th WEEK	mono and multinuclear carbonyl complexes, nitrosyls, and phosphine complexes

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TEACHING PLAN: VI SEMESTER (PAPER VIII)

INORGA	NIC CHEMISTRY 6TH SEM (PAPER VIII) NEP 2023-24		
Teaching hours	Syllabus to be Taught		
1 ST WEEK	Paints: Constituents and their functions, manufacture of lithopone and titanium dioxide.		
2 ND WEEK	propellants: Definition, characteristics, classification and applications.		
3 RD WEEK	Abrasives: Definition, classification with examples, hardness, manufacture and applications of carborundum, alundum and tungsten carbide.		
4 TH WEEK	Refractories: Definition, properties, classification with examples.		
5 th WEEK	Different steps involved in the manufacture of refractories. Applications of refractories.		
6th WEEK	Ceramics: Introduction, types, manufacturing process, applications.		
7 th WEEK	Explosives: Origin of explosive and classification. preparation and explosive properties of leadazide, PET N, cyclonite (RDX).		
8 th WEEK	Fertilizers: Economic importance and synthesis of nitrogenous fertilizers. CAN, ammonium sulfate, ammonium nitrate and urea.		
9 th WEEK	Phosphate fertilizers- calcium dihydrogen phosphate, super phosphate.		
10 th WEEK	Silicates: Structure, classification - silicates with discrete anions, silicates containing chainanion, silicates with layer structure, silicones with three dimensional net-work and applications.		
11 th WEEK	Nanotechnology: Definition, uses and nature of nanotechnology.		
12th WEEK	Nanomaterials: Definition, properties and applications.		
13 th WEEK	Carbon nanotubes: Definition, types, methods of preparation (mention), properties and industrial applications of carbon nanotubes.		
14 th WEEK	Nanowires: Definition, types, production of crystalline nanowires by vapour-liquid-solid synthesis method, application of nanowires		

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ORGANIC	CHEMISTRY 6TH SEM (PAPER- VIII) NEP 2023-24
Teaching hours	Syllabus to be Taught
1 ST WEEK	Rearrangements: Reaction and mechanism of Wagner-Meerwein,
2 ND WEEK	Fries, Beckmann, Hofmann, Benzil-benzilic acid,
3 RD WEEK	Favorskii, Dienone-phenol, and Benzidine rearrangement.
4 TH WEEK	Baeyer-Villiger oxidation, Arndt-Eistert reaction.
5 th WEEK	Amino acids and Peptides: Amino acids: Synthesis (from a-halogen acids,
6th WEEK	Gabriel phthalimide, malonic ester),
7th WEEK	reactions (alkyl halides, nitrous acid, acid halide, NH3, LiAIH4).
8 th WEEK	Classification and nomenclature of peptides. Sanger and Edman methods of sequencing.
9 th WEEK	Cleavage of peptide bond by chemical and enzymatic methods
10 th WEEK	. Peptide synthesis- Protection of amino group (Boc-) and carboxyl group as alkyl esters.
11th WEEK	Use of DCC, and HOBt in peptide bond formation reactions.
12 th WEEK	Deprotection and racemization in peptide synthesis.
13th WEEK	Solution and solid phase techniques.
14 th WEEK	Synthesis of oxytocin. Introduction to peptidomimetics

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	L CHEMISTRY 6 TH SEM NEP (PAPER VIII) 2023-24	
Teaching hours	Syllabus to be Taught	
1 st WEEK	Chemical Dynamics: Arrhenius equation-characteristics, Significance of energy of activation,	
2 ND WEEK	Temperature coefficient and its evaluation.	
3 RD WEEK	Thermodynamical formulation of reaction rates (Thermodynamic parameters).	
4 TH WEEK	Reaction between ions in solutions - Influence of ionic strength on reaction rates	
5 th WEEK	primary and secondary salt effects,	
6th WEEK	Effect of dielectric constant (single sphere model)	
7 th WEEK	Complex reactions: Kinetics of parallel reactions, consecutive reaction, reversible reactions (qualitative treatment).	
8 th WEEK	Kinetics of homogeneous catalysis- kinetics of acid-base catalyzed reactions-specific acid and specific base catalysis, general acid base catalysis.	
9 th WEEK	Enzyme catalyzed reactions, Mechanism (Lock and Key theory),	
10 th WEEK	Kinetics of enzyme catalyzed reactions – Henri Michaelis- Menten mechanism, Significance of Michaelis-Menten constant,	
11 th WEEK	Lineweaver- Burk plot. Effects of enzyme concentration, pH, Temperature, catalysts and Inhibitors on enzyme activity.	
12 th WEEK	Kinetics of fast reactions: Introduction, Study of reactions by relaxation method (Temperature and pressure jump),	
13th WEEK	flow method (continuous flow method and stopped flow method),	
14 th WEEK	Flash photolysis and Shock tube method.	

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Teaching hours	PECTROSCOPY 6 TH SEM NEP(PAPER VIII) 2023-24		
reacting nours	Syllabus to be Taught		
1 st WEEK	1H NMR spectroscopy: Introduction (including magnetic properties of nuclei, spin population),		
2 ND WEEK	relaxation process (spin-spin, spin-lattice, quadrupole), number of signals.		
3 RD WEEK	Instrumentation, chemical shifts, internal standards, shielding and deshielding effects		
4 th WEEK	Factors affecting chemical shift (inductive, Van der Waals, anisotropic, H- bonding).		
5 th WEEK	Solvents used. Peak area and proton counting, splitting of the signals,		
6th WEEK	spin-spin coupling, equivalent and non-equivalent protonsChemical exchange (proton exchange reactions).		
7 th WEEK	Calculation of atoms ratio from the height of signals.		
8 th WEEK	coupling constant (geminal, vicinal, long-range coupling).		
9 th WEEK	Restricted rotation. Double resonance (spin decoupling),		
10 th WEEK	nuclear overhauser Effect		
11 th WEEK	Structure determinations/interpretation of spectra of; ethane, propane, I- bromopropane,		
12 th WEEK	Structure determinations/interpretation of spectra of; 2bromopropane, ethylene, propene, acetylene, propionamide, methylamine, dimethylamine, trimethylamine,		
13 th WEEK	Structure determinations/interpretation of spectra of; ethyl acetate, methyl cyanide, ethylbenzene, 0-cresol, p-cresol, benzoic acid, anisole.		
14 th WEEK	Structure determinations/interpretation of spectra of; benzaldehyde, acetaldehyde, benzophenone, acetophenone, thiophenol.		

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I SEMESTER (NEP)

Teaching Plan

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Veck	Content to cover MATDSCT 1.1: Algebra - I and Calculus - I	Mode of teaching	
8	Matrices: Introduction to matrix and operations on matrix and elementary properties. Rank of a matrix by Elementary row/column operations. Invariance of rank under elementary operations.	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	Chalk and talk method	
3	homogeneous and non-homogeneous systems. 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	Chalk and talk method and FOSS programming.	
	values and eigen vectors. Covley Hamilton theorem Applications	Chalk and talk method and FOSS programming.	
4	to determine the powers of square matrices and interest on and then theory of	Chalk and talk method.	
5	Theory of Equations: Revision of basic quadratic quadratic representation of the second secon	Chalk and talk method and FOSS programming.	
6	conjugate pairs.	Chalk and talk method and FOSS programming.	
7	symmetric functions and transformation. Recipiced ereq	Chalk and talk method teaching Test-1 is coordinated by L Committee	
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.		
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 $\int \sin x dx$, $\int \cos x dx$, $\int \sin x \cos x dx$, $\int \tan x dx$, $\int \cosh x dx$, $\int \sinh x dx$, $\int \cosh x dx$, $\int x \sin x dx$, $\int x \cos x dx$, $\int x n e ax dx$ with	Chalk and talk method.	
12	definite limits. 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.	
12	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	
15	Coordinates of center of curvature, radius of curvature, circle of curvature, evolutes. Related problems.	Chalk and talk method.	

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I SEMESTER (NEP)

Teaching plan. Content to coller MATDSCT 2.1: Algebra - II (Number Theory) and Week Mode of teaching Limits, Continuity and Differentiability 1 Limit of a function - Properties and problems, Continuity of functions Properties Chalk and talk method and problems Infimum and supremum of a function and Free and Open Source Software (FOSS) Infimum and supremum of a function - Theorems on continuity programming. 2 Intermediate value theorem, Differentiability. Chalk and talk method Differential Calculus - 111 Rolle's theorem - Lagrange's Mean Value theorem 3 Cauchy's mean value theorem - Taylor's theorem Maclaurin's theorem Chalk and talk method Taylor's infinite series and power series expansion - Maclaurin's infinite series -4 and FOSS programming. Chalk and talk method Line integral: Definition of line integral and basic 5 and FOSS programming. properties, examples on evaluation of line integrals Chalk and talk method. Double integral: Definition of Double 6 integrals and its conversion to iterated integrals. Chalk and talk method Evaluation of double integrals by changing the order of integration and and FOSS programming. 7 change of variables. Computation of plane surfaceareas using double Chalk and talk method and FOSS programming. Triple integral: Definition of triple integrals and evaluationchange 8 of variables, volume as triple integral Chalk and talk method teaching Test-1 is coordinated by IA Committee Partial Derivatives Functions of two or more variables – Explicit and implicit Chalk and talk method 9 functions - The neighbourhood of a point and FOSS programming. Test-2 is conducted and coordinated by HOD of The limit of a function - Continuity - Partial derivatives ---the department. 10 Homogeneous functions - Euler's theorem Chalk and talk method and FOSS programming. Chain rule - Change of variables - Directional 11 derivative - Partial derivatives of higher order Chalk and talk method. Taylor's theorem for two variables -12 Derivatives of implicit functions - Jacobians - Some illustrative examples. Chalk and talk method Theory of Numbers Division Algorithm - Divisibility - Prime and composite and FOSS programming. 13 numbers - Euclidean algorithm Chalk and talk method and FOSS programming. fundamental theorem of Arithmetic - The greatest common divisor and least common 14 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.

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Teaching Plan

Week	Content to cover DSC - MATH - 03 : ALGEBRA - II AND	Mode of teaching
Ĩ.	DIFFERENTIAL EQUATIONS - 1 Group Theory 1 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.

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Teaching Plan

Week	Content to cover DSC MATH 04 : DIFFERENTIAL EQUATIONS - II AND REAL ANALYSIS - 1	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 arbitrary constants 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
15	Change of variables from Cartesian to polar – Plane areas, Surface areas. Definition of a triple integral – Evaluation –	FOSS programming. Chalk and talk method
16	Change of variables (Cylindrical and Spherical) – Volume as a triple integral. (Revised with Minor Modifications	Chalk and talk method.

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Course: Computer Science

Course Code: DSC-1

Course Title: Web Technologies (Theory) Program: B.Sc. (PCS & MCS)

TEACHING PLAN:

SIXTH SEMESTER (NEP) TITLE: WEB TECHNOLOGIES

MONTH	HOURS	PORTIONS TO BE COVERED	Mode of Teaching
 FEBRUARY 10 Introduction and Web Design: Introduction to Internet, WWW and Web 2.0, Web browsers, Web protocols and Web servers, Web Design Principles and Web site structure, client-server technologies, Client-side tools and technologies, Server-side Scripting, URL, MIME, search engine, web server- Apache, IIS, proxy server, HTTP protocol. Introductions to HTML. HTML5 Basics tags, Formatting tags in HTML, HTML5 Page layout and Navigation concepts, Semantic Elements in HTML, List, type of list tags, tables and form tags in HTML, multimedia basics, images, iframe, map tag, embedding audio and video clips on webpage. 		chalk and talk method and ICT Tools	
MARCH	16	Introduction to XML: XML Syntax, XML Tree, Elements, Attributes, Namespace, Parser, XSLT DOM, DTD, Scheme. Introduction to CSS, CSS syntax, CSS selectors, CSS Background Cursor, CSS text fonts, CSS-List Tables, CSS Box Modeling, Display Positioning, Floats, CSS Gradients, Shadows, 2D and 3 Transform, Transitions, CSS Animations. Introduction to JavaScript: JavaScript Data type and Variables, JavaScript Operators, Conditional Statements, Looping Statements, JavaScript Functions, Number, Strings, Arrays.	chalk and talk method and ICT Tools

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APRIL	16	Objects in JavaScript, Window and Frame objects, Event Handling in JavaScript, Exception Handling, Form Object and DOM, JSON, Browser Object Model. Introduction to Servlets: Common Gateway Interface (CGI), Lifecycle of a Servlets, deploying a Servlets, The Servlets API, Reading Servlets parameters, reading initialization parameters, Handling HTTP Request & Responses, Using Cookies and sessions, connecting to a database using JDBC.	chalk and talk method and ICT Tools
МАҮ	10	Web Security: Authentication Techniques, Design Flaws in Authentication, Implementation Flaws in Authentication, Securing Authentication, Path Traversal Attacks. Injecting into Interpreted Contexts, SQL Injection, NoSQL Injection, XPath Injection, LDAP Injection, XML Injection, HTTP Injection, Mail Service Injection. Types of XSS, XSS in Real World, Finding and Exploiting XSS Vulnerabilities, Preventing XSS Attacks.	chalk and talk method and ICT Tools

Course Title: Web Technologies (Theory) Program: B.Sc. (PCS & MCS)

Semester: VI

SIXTH SEMESTER (NEP) TITLE: WEB TECHNOLOGIES

MONTH	HOURS	PORTIONS TO BE COVERED	Mode of Teaching
FEBRUARY	10	Introduction and Web Design: Introduction to Internet, WWW and Web 2.0, Web browsers, Web protocols and Web servers, Web Design Principles and Web site structure, client-server technologies, Client-side tools and technologies, Server-side Scripting, URL, MIME, search engine, web server- Apache, IIS, proxy server, HTTP protocol. Introductions to HTML. HTML5 Basics tags, Formatting tags in HTML, HTML5 Page layout and Navigation concepts, Semantic Elements in HTML, List, type of list tags, tables and form tags in HTML, multimedia basics, images, iframe, map tag, embedding audio and video clips on webpage.	chalk and talk method and ICT Tools

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MARCH	16	Introduction to XML: XML Syntax, XML Tree, Flements, Attributes, Namespace, Parser, XSLT DOM, DTD, Scheme. Introduction to CSS, CSS syntax, CSS selectors, CSS Background Cursor, CSS text fonts, CSS-List Tables, CSS Box Modeling, Display Positioning, Floats, CSS Gradients, Shadows, 2D and 3 Transform, Transitions, CSS Animations. Introduction to JavaScript: JavaScript Data type and Variables, JavaScript Operators, Conditional Statements, Looping Statements, JavaScript Functions, Number, Strings, Arrays,	chalk and talk method and ICT Tools
APRIL	16	Objects in JavaScript, Window and Frame objects, Event Handling in JavaScript, Exception Handling, Form Object and DOM, JSON, Browser Object Model. Introduction to Servlets: Common Gateway Interface (CGI), Lifecycle of a Servlets, deploying a Servlets, The Servlets API, Reading Servlets parameters, reading initialization parameters, Handling HTTP Request & Responses, Using Cookies and sessions, connecting to a database using JDBC.	chalk and talk method and ICT Tools
МАҮ	10	Web Security: Authentication Techniques, Design Flaws in Authentication, Implementation Flaws in Authentication, Securing Authentication, Path Traversal Attacks. Injecting into Interpreted Contexts, SQL Injection, NoSQL Injection, XPath Injection, LDAP Injection, XML Injection, HTTP Injection, Mail Service Injection. Types of XSS, XSS in Real World, Finding and Exploiting XSS Vulnerabilities, Preventing XSS Attacks.	chalk and talk method and ICT Tools

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SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR YEAR 2023-24

SEMESTER: 1

TITLE: MICROBIAL DIVERSITY AND TECHNOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING	
SEPTEMBER16 HOURSChapter No. 1: Microbial Diversity-Introduction to microbial diversity; Methods of estimation; Hierarchical organization and positions of microbes in 		Chalk and talk method and Chats, PPTs and video lecture.		
OCTOBER	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; hthotrophs and organotrophs 	Chalk and talk method	
NOVEMBER	16	Chapter No. 7 Microbial cultures and preservation-	Chalk and talk	



	HOURS	Microbial cultures. Pure culture and axenic cultures, subculturing, Preservation methods-overlaying cultures 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.	method and Chats, PPTs and video lecture.
DECEMBER	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

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SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2023-24

SEMESTER: II

TITLE: DIVERSITY OF NON- FLOWERING PLANTS

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OI TEACHING
FEBRUARY	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.	Chalk and talk method and Chats, PPTs and video lecture.
		Chapter No. 3 Algal cultivation- Cultivation of microalgae- <i>Spirulina</i> and <i>Dunaliella</i> ; 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.	
MARCH	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.	Chalk and talk method
	M	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.	
APRIL.	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 elassification 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.
MAY	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

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SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2023-24

SEMESTER: III

TITLE: PLANT ANATOMY AND DEVELOPMENTAL BIOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
SEPTEMBER	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.
OCTOBER	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	Chalk and talk method



		from vegetative apex into reproductive apex	
NOVEMBER	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.
DECEMBER	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 2023-24

SEMESTER: IV

4.

TITLE: ECOLOGY AND CONSERVATION BIOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OI TEACHING
FEBRUARY	16 HOURS	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 videc lecture.
MARCH	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	Chalk and talk method



		as a tool for vegetation analysis, land use – land cover mapping. Population Ecology: Population and its characteristics. Population density, natality, mortality, age distribution, population growth curves and dispersal.	
APRIL	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.
МАУ	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

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SARADA VILAS COLLEGE, MYSURU

DEPARTMENT OF BOTANY

TEACHING PLAN FOR THE YEAR 2023-24

SEMESTER: V

TITLE: MORPHOLOGY AND TAXONOMY OF FLOWERING PLANTS

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
SEPTEMBER	15HOURS	UNIT-1: Morphology of Root, Stem and Leaf. Their modifications for various functions. Inflorescence – types. Structure and variations of flower. Fruits-types. Floral diagram and floral formula. Introduction to Taxonomy: History, objectives, scope and relevance of Taxonomy. Systems of classification: Artificial, Natural and Phylogenetic; brief account of Linnaeus', Bentham & Hooker's, Engler and Prantl's system and APG System (IV- 2016). Merits and demerits of classifications. Taxonomic literatures: Floras, Monograph, Revisions, Journals and Hortus Malabaricus. Herbaria and Botanical gardens: Important herbaria and botanical gardens of the world and India and their importance. Technique of Herbarium Preparation. Virtual herbarium; E-Flora- documentation and uses.	Chalk and talk method and Chats, PPTs and video lecture.
OCTOBER	15HOURS	UNIT-2: Taxonomic Hierarchy: Concept of taxa (family, genus, species); Categories and taxonomic hierarchy; Species concepts (biological, morphological, evolutionary). Modes of speciation. Problems with species concepts. Botanical Nomenclature: Principles and Rules (ICBN/ ICN); Latest eode. Brief account of Ranks of taxa, Typification, Author citation, valid publication, rejection of names, principle of priority and its limitations. Plant Taxonomic Evidences: from Palynology, Embryology. Cytology. Phytochemistry and molecular data, Field inventory.	Chalk and talk method
NOVEMBER	15HOURS	UNIT-3: Biometrics, Numerical	Chalk and talk method and

Dev Dr. M.Sc.id.inil.Ph.Q. Principal Banada Vilas Collega, Krishnamurthypuran, Mysure,

		Taxonomy; Phenetics and Cladistics: Characters; Variations; OTUs, character weighting and coding; Cluster analysis; Phenograms, cladograms (definitions and differences). Phylogenetic Systematics: Terms and concepts (primitive and advanced, homology and analogy, parallelism and convergence, monophyly, Paraphyly, polyphyly, clades, synapomorphy, symplesiomorphy, apomorphy, lineage sorting, serial homology etc). Origin and evolution of angiosperms; Co-evolution of angiosperms and animals; Methods of illustrating evolutionary relationship (phylogenetic tree, cladogram). Molecular taxonomy: DNA sequences of chloroplast genes (atpB, rbcL, ITS, trnL etc) and nuclear gene (nuclear ribosomal 18s DNA).	Chats, lecture.	and	vidco
DECEMBER	15 HOURS	UNIT-4: Plant identification: Taxonomic dichotomous keys; indented (yoked) and bracketed keys. (Brief account only). Plant descriptions: Common terminologies used for description of vegetative and reproductive parts of the following families: Study of the diagnostic features of Angiosperm families: Annonaceae, Brassicaceae, Malvaceae, Rutaceae, Fabaceae (with sub Families), Myrtaceae, Apiaceae, Asteraceae, Apocynaceae, Solanaceae, Lamiaceae, Euphorbiaceae, Liliaceae, Arecaceae, Orchidaceae and Poaceae.	Chalk a Chats, lecture.	meth and	od and video

TOTAL 60 HOURS

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Dr. M Devika M.Sc. M.Phil.Ph.D. Principal Sarada Viles Cellege, Krishnamurthyeuram, Mysuru

SARADA VILAS COLLEGE, MYSURU DEPARTMENT OF BOTANY TEACHING PLAN FOR THE YEAR 2023-24

SEMESTER: V

TITLE: GENETICS AND PLANT BREEDING

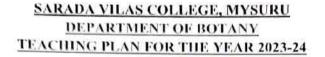
MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
SEPTEMBER	15 HOURS	UNIT-1: Genetics: Mendelism- History; Principles of inheritance; Mendelian genetics and its extension; Chromosome theory of inheritance; Autosomes and sex chromosomes. Incomplete dominance and codominance. Multiple alleles, Lethal alleles, Epistasis, Polygenic inheritance; Pleiotropy. Penetrance and Expressivity. Extrachromosomal Inheritance- Chloroplast mutation: Variegation in Four O'clock plant; Mitochondrial mutations in yeast.	Chalk and talk method and Chats, PPTs and video lecture.
OCTOBER	15 HOURS	UNIT-2: Linkage, crossing over and chromosome mapping; Linkage and crossing over-Cytological basis of crossing over; Recombination frequency, two factor and three factor crosses; Interference and coincidence; Gene mapping; Sex Linkage. Variation in chromosome number and structure. Gene mutations- Types of mutations; Molecular basis of Mutations; Mutagens – physical and chemical (Base analogs, deaminating, alkylating and intercalating agents); Detection of mutations: CIB method. Fine structure of gene, Population and Evolutionary Genetics, Allele frequencies, Genotype frequencies, Hardy-Weinberg's Law, Role of natural selection, mutation, genetic drift. Genetic variation and Speciation.	Chalk and talk method
NOVEMBER	15 HOURS	UNIT-3: Cell Biology: Microscopy- Light microscopy, Phase contrast microscopy, Electron microscopy (SEM and TEM) and Fluorescence Microscopy. Ultrastructure and functions of cell wall, cell membrane and cell organelles (nucleus, mitochondria, chloroplast, Golgi apparatus, vacuole, endoplasmic reticulum, ribosome, spherosome and lysosome). Phases of eukaryotic cell cycle: mitosis and meiosis. Regulation of cell cycle and significance of mitosis and meiosis. Structure and function of Chromosome, DNA and RNAs	Chalk and talk method and Chats, PPTs and video lecture.
DECEMBER	15 HOURS	UNIT-4: Plant Breeding: Introduction and objectives. Breeding systems: modes of reproduction in crop	Chalk and talk method and Chats,

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	plants. Important achievements and undesirable consequences of plant breeding. Centers of origin and domestication of crop plants, plant genetic resources; Acclimatization, Selection methods- for self- pollination, cross pollination and vegetatively propagated plants. Hybridization: For self, cross and vegetative propagation in plants – Procedure, advantages and limitations. Inbreeding depression and Heterosis; genetic basis of inbreeding depression and heterosis; Applications. Crop improvement and breeding Role of mutations; Polyploidy; Distant hybridization and role of biotechnology in crop improvement.	lecture.
TOTAL 60 HOURS	unprovement.	L

TOTAL 60 HOURS

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SEMESTER: VI

TITLE: PLANT PHYSIOLOGY AND BIOCHEMISTRY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
SEPTEMBER	15 HOURS	UNIT-1: Plant water relations: Importance of Water as a solvent, Diffusion, osmosis, imbibition, osmotic pressure, osmotic potential, turgor pressure, wall pressure, water potential and its components. Mechanism of water absorption, Factors affecting water absorption. Transpiration. Types and process. Mechanism of guard cell movement. K+ ion mechanism. Antitranspirants. Mechanism of ascent of sap: Vital and physical force theories. Phloem Transport: Transport of organic solutes. Path of transport, vein loading and unloading. Transcellular hypothesis, mass flow hypothesis. Mineral nutrition: A brief account of Micro and macro nutrients.	Chalk and talk method and Chats, PPTs and video lecture.
OCTOBER	15 HOURS	UNIT-2: Photosynthesis: Photosynthetic Pigments (Chl a, b, xanthophylls, carotene); Photosystem I and II, reaction center, antenna molecules; Electron transport and mechanism of ATP synthesis; C3, C4 and CAM pathways of carbon fixation reactions; Photorespiration. Respiration: Glycolysis, anaerobic respiration, TCA cycle; Oxidative phosphorylation, Glyoxylate, Oxidative Pentose Phosphate Pathway.	Chalk and talk method
NOVEMBER	15 HOURS	UNIT- 3: Definition and classification of plant growth regulators- Hormones. Site of synthesis, biosynthesis pathway and metabolism and influence on plant growth development of individual group of hormone- Auxins, Gibberlins, cytokinins, ABA, ethylene. Synthetic growth regulators- classification, their effect on plant growth and development. Practical utility of hormones in agriculture and horticulture. Sensory Photobiology: Biological clocks, photoperiodism, function & structure of phytochromes, phototropin & cryptochromes. Senescence, Aging & Cell Death (PCD and Autophagosis). Plant Movements.	Chalk and talk method and Chats, PPTs and video lecture.
DECEMBER	15 HOURS	UNIT- 4 : Nitrogen metabolism: Biological nitrogen fixation: Nitrate and ammonia assimilation. Proteins and ammo acids: classification, structure - primary,	Chalk and talk method and Chats, PPTs and video



secondary, tertiary and quaternary. Enzymes- classification, kinetics and mechanism of action. Vitamins - classification, distribution, structure, production, function. Lipid Metabolism: classification, structure, biosynthesis of fatty acids and functions.
Secondary plant products: structure, biosynthesis and distribution of terpenes, phenolics and nitrogen containing compounds.

TOTAL 60 HOURS

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SARADA VILAS COLLEGE, MYSURU DEPARTMENT OF BOTANY TEACHING PLAN FOR THE YEAR 2023-24

SEMESTER: VI

TITLE: PLANT BIOTECHNOLOGY

MONTH	HOURS	PORTIONS TO BE COVERED	MODE OF TEACHING
SEPTEMBER	15 HOURS	UNIT-1: Historical perspective; Composition of media; Nutrient and hormone requirements (role of vitamins and hormones); Totipotency; Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion; Tissue culture applications (micropropagation, androgenesis, virus elimination, secondary metabolite production, haploids, triploids and cybrids; Cryopreservation; Germplasm Conservation).	Chalk and talk method and Chats, PPTs and video lecture.
OCTOBER	15 HOURS	UNIT-2: Restriction Endonucleases (History, Types I- IV, biological role and application); Restriction Mapping (Linear and Circular); Cloning Vectors: Prokaryotic (pUC 18 and pUC19, pBR322, Ti plasmid, BAC); Lambda phage, M13 phagemid, Cosmid, Shuttle vector; Eukaryotic Vectors (YAC and briefly PAC, MAC, HAC).Gene Cloning (Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR-mediated gene cloning) Gene Construct; construction of genomic and cDNA libraries, screening DNA libraries to obtain gene of interest by genetic selection; complementation, colony hybridization; Probes-oligonucleotide, heterologous, PCR;	Chalk and talk method
NOVEMBER	15 HOURS	UNIT 3: Methods of gene transfer- Agrobacterium- mediated, Direct gene transfer by Electroporation, Microinjection, Micro projectile bombardment; Selection of transgenics- selectable marker and reporter genes (Luciferase, GUS, GFP). Pest resistant (Bt-cotton); herbicide resistant plants (RoundUp Ready soybean); Transgenic crops with improved quality traits (FlavrSavr tomato, Golden rice); Improved horticultural varieties (Moondust carnations); Role of transgenics in bioremediation (Superbug); edible vaccines; Industrial enzymes (Aspergillase, Protease, Lipase); Biosafety concerns.	Chalk and talk method and Chats, PPTs and video lecture.
DECEMBER	15 HOURS	UNIT 4: Introduction to Bioinformatics- Definition, history, scope and applications. Opportunities in	Chalk and talk method and Chats.

nu Dr. M Devika M.Sc. M. PHL.Ph Principal Serada Vites College, Krishnamurthypuram, Mysuru.

	Bioinformatics. Introduction to Genomics, Proteomics, PPTs and vide Metabolomics and Pharmacogenomics. Biological lecture. databases: Nucleotide databases, Protein databases. Genome databases. Organization of data in NCBI, DDBJ, EBI, PDB, SwissPROT and software used.
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Department of Microbiology Sarada Vilas College Lesson plan for Academic Year 2023-24

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Name of lecturer: Capt R. A. Manjunath

I Semester: Paper 1 - Introduction to Microbiology and Microbial Diversity

Торіс	Time
Unit 1: Historical development, origin of microorganisms, major contributions and microscopy	15 H
Historical development of microbiology -Theory of spontaneous generation Biogenesis and Abiogenesis	2
Evolution of microorganisms. Fossil evidences of microorganisms	1
Contributions of Anton Von Leeuwenhoek, Louis Pasteur, Robert Koch, Joseph Lister, Alexander Fleming, Martinus Beijirinic, Segei Winogrodsky, Elei Metechnikoff and Edward Jenner	4
Contributions of Indian scientists in the field of Microbiology.	1
Microscopy: working principle, construction and operation of simple and compound microscopes	2
Phase contrast, Dark Field Microscopy	1
Fluorescent, Confocal, Scanning Microscopy	2
Transmission & Scanning Electron Microscopy	2
Unit 3: Types, structure, organisation and reproduction of prokaryotic microorganism	15 H
Overview of Prokaryotic Cell Structure: Size, shape, arrangement.	1
Diagram of Prokaryotic cell organisation, cell wall structure of Gram positive and negative bacteria and Bacterial and Archaeal cell membrane	2
Cytoplasmic matrix- Composition and function of Cytoskeleton, ribosome and inclusion granules	3
Nuclear Materials: Bacterial chromosomes structure (its differences with the Eukaryotic chromosome); Extra Chromosomal materials	2
Components external to cell wall- capsule, slime, S layer, pilli, fimbriae, flagella-structure, motility, chemotaxis.	3
Bacterial endospore: formation and function and types with example	2
Reproduction in bacteria and bacterial cell cycle	2

III Semester : Paper 3 - Microbial Diversity

Topic	Time
Unit 1: Biodiversity and Microbial Diversity	15 H
Concept, definition, and levels of biodiversity. Study and measures of microbial diversity	2
Major classification systems: Whittaker's five kingdom classification and Carl Woese's three domain classification	2
Biosystematics: Taxonomic ranks, Nomenclature – ICNP rules. Phenotypic and phylogenetic classification	3

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Classical and molecular characteristic used in microbial taxonomy	3
Classical and molecular characteristic taxes in uncrobin to and Phylogenetic tree	2
Assessing microbial phylogeny- Molecular chronometer and Phylogenetic tree	3
Numerical and Chemotaxonomy, Ribotyping, Economic values of microbial diversity	
Unit 2: Diversity of Prokaryotic Microorganisms	15 H
An overview of Bergey's Manual of Systematic Bacteriology	1
General characteristics and economic importance of Bacteria- Escherichia coli, Bacillus subtilis, Staphylococcus aureus	3
General characteristics and economic importance of Archea- Thermophiles- Thermus aquaticus and Halophiles- Halobacteria salinarium	3
General characteristics and economic importance of Cyanobacteria- Nostoc, Microcystis, Spirulina	3
General characteristics and economic importance of Actinomycetes: Streptomyces, Nocordia, Frankia	2
General characteristics and economic importance of Rickettsiae- Rickettsia rickettsia, Chlamydiae- Chlamydia trachomatis and Spirochaetes- Treponema pallidum	3

V Semester - Paper 5 - Microbial Genetics

Торіс	Time
Unit 1: DNA as genetic material and Bacterial genetics	15 H
DNA as a genetic material: Griffith experiment of Transformation, Avery, MacLeod and McCarty experiment, Hershey and Chase experiment to prove DNA carries the genetic information	4
Fraenkel-Conrat experiment to prove RNA as genetic material.	1
Structure and organization of chromosomes in prokaryotes	1
Plasmid-types, Transposons in Prokaryotes	1
Bacterial genetics: Mechanism of genetic exchange in bacteria: Bacterial transformation- Principle and Types of transformation mechanisms found in prokaryotes	3
Bacterial Conjugation: U-tube experiment, properties of the F plasmid, F+ x F- conjugation, F' x F- conjugation, Hfr x F- conjugation	3
Transduction: Generalized and specialized transduction	2
Unit 2: Genetic Material and Replication and Transcription of DNA	15 H
Genetic Material: Chemical basis of heredity, Watson and Crick model of DNA, DNA types	2
RNA-types, structure, importance. Modern concept of gene-cistron, muton, recon.	2
DNA Replication: Replicon, Enzymes and proteins involved in DNA replication	1
DNA polymerases, DNA ligase, primase, telomerase	1
General mechanism of replication. Models of DNA replication including rolling circle, O (theta) mode of replication	2
Transcription: Structure of barterial RNA polymerase, Promoter concept, Recognition of promoters and DNA melting	3
Transcription bubble, Stages of transcription-initiation elongation and termination. Franscriptional attenuation	4

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V Semester - Paper 6 - Food Microbiology

AnisoticsAniso	Topic	Time
ffecting the growth of microbes increases poollage: Sources of food contamination, Principles of food spoilage, Spoilage of meat and soultry, Fish and sea foods increases poollage of cereals, fruits, vegetables & canned food increases food borne infection and intoxication- Salmonellosis, Listeriosis, Botulism and Aflatoxicosis increases Food preservation: Principles of food Preservation increases Physical Methods of preservation- temperature, drying, irradiation, HPP increases Chemical Methods of preservation- Class I and Class II increases Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits. increases Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief increases Unit 4: Microbiology of milk and fermented food products increases Dairy Microbiology: Composition of milk. Sources of contamination of milk increases Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness increases Preservation of milk and milk products- Pasteurization, dehydration, sterilization increases Preservation of milk and milk products. Starter culture- types and role increases Preservation of milk and dairy products. Starter culture- types and role increases (protection of Cheddar, Tofu, Yoghurt, Ac	Unit 3: Food spoilage, Infection and Preservation	15 H
poultry, Fish and sea foods1Spoilage of cereals, fruits, vegetables & canned food2Sood borne infection and intoxication- Salmonellosis, Listeriosis, Botulism and Aflatoxicosis2Sood preservation: Principles of food Preservation2Physical Methods of preservation- temperature, drying, irradiation, HPP2Chemical Methods of preservation- Class I and Class II1Sio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.1Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3Unit 4: Microbiology of milk and fermented food products15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce);4	Microbes and food: Food as a substrate for microorganisms- Intrinsic and extrinsic parameters affecting the growth of microbes	2
Food borne infection and intoxication- Salmonellosis, Listeriosis, Botulism and AflatoxicosisFood preservation: Principles of food PreservationPhysical Methods of preservation- temperature, drying, irradiation, HPPChemical Methods of preservation- Class I and Class IIBio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in briefUnit 4: Microbiology of milk and fermented food productsDairy Microbiology: Composition of milk. Sources of contamination of milkBiochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropinessMicrobiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction testsPreservation of milk and milk products- Pasteurization, dehydration, sterilizationPacking of milk and milk (Cheese- types and roleFermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.	Spoilage: Sources of food contamination, Principles of food spoilage, Spoilage of meat and poultry, Fish and sea foods	2
Food preservation: Principles of food Preservation1Physical Methods of preservation- temperature, drying, irradiation, HPP2Chemical Methods of preservation- Class I and Class II1Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.1Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3Unit 4: Microbiology of milk and fermented food products15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness3Microbiological analysis of milk. Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Spoilage of cereals, fruits, vegetables & canned food	2
Physical Methods of preservation- temperature, drying, irradiation, HPP2Chemical Methods of preservation- Class I and Class II1Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.1Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3Unit 4: Microbiology of milk and fermented food products15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Food borne infection and intoxication- Salmonellosis, Listeriosis, Botulism and Aflatoxicosis	1
Chemical Methods of preservation- Class I and Class II1Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.1Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3Unit 4: Microbiology of milk and fermented food products15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Food preservation: Principles of food Preservation	1
Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.1Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3 Unit 4: Microbiology of milk and fermented food products 15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Physical Methods of preservation- temperature, drying, irradiation, HPP	2
Senents.Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief3Unit 4: Microbiology of milk and fermented food products15Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Chemical Methods of preservation- Class I and Class II	1
Unit 4: Microbiology of milk and fermented food products 15 Dairy Microbiology: Composition of milk. Sources of contamination of milk 1 Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness 2 Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests 3 Preservation of milk and milk products- Pasteurization, dehydration, sterilization 2 Packing of milk and dairy products. Starter culture- types and role 1 Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha. 4	Bio preservation. Canning. Food Packaging- Types of packaging materials, properties and benefits.	1
Dairy Microbiology: Composition of milk. Sources of contamination of milk1Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness2Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.4	Food sanitation and control- Good Hygiene practices, GLP, GMP, HACCP, FSSAI, FDA and BIS in brief	3
Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness 2 Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and 3 Reduction tests 2 Preservation of milk and milk products- Pasteurization, dehydration, sterilization 2 Packing of milk and dairy products. Starter culture- types and role 1 Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); 4 Beverages- kombucha. 2	Unit 4: Microbiology of milk and fermented food products	15 H
Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests3Preservation of milk and milk products- Pasteurization, dehydration, sterilization2Packing of milk and dairy products. Starter culture- types and role1Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce);4Wine And Construction1Beverages- kombucha.1	Dairy Microbiology: Composition of milk. Sources of contamination of milk	1
Reduction tests 3 Preservation of milk and milk products- Pasteurization, dehydration, sterilization 2 Packing of milk and dairy products. Starter culture- types and role 1 Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); 4 Beverages- kombucha. 1	Biochemical changes of milk- souring, gassy fermentation, proteolysis, lipolysis, ropiness	2
Packing of milk and dairy products. Starter culture- types and role 1 Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); 4 Beverages- kombucha. 1	Microbiological analysis of milk- Rapid platform tests (COB, Phosphatase test, DMC), SPC and Reduction tests	3
Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.	Preservation of milk and milk products- Pasteurization, dehydration, sterilization	2
Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); 4 Beverages- kombucha.	Packing of milk and dairy products. Starter culture- types and role	1
Microbes as food- SCP, SCO. Prebiotics, Probiotics, Synbiotics and Neutrceuticals	Fermented foods: Fermented milk (Cheese- types and production of Cheddar, Tofu, Yoghurt, Acidophilus milk), vegetable (sauerkraut, pickles) Meat (sausage) and fish (fish sauce); Beverages- kombucha.	4
	Microbes as food- SCP, SCO. Prebiotics, Probiotics, Synbiotics and Neutrceuticals	2

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Department of Microbiology Sarada Vilas College

Lesson plan for Academic Year 2023-24

Name of lecturer: Capt R. A. Manjunath

II Semester : Paper 2 - Microbial Biochemistry and Physiology

Торіс	Time
Unit 1: Biochemical Concepts	15 H
Basic Biochemical Concepts: Major elements of life and their primary characteristics	3
Atomic bonds and molecules-bonding properties of carbon	2
Chemical bonds- covalent and non-covalent, Hydrogen bonds and Vander Waal Forces	2
Biological Solvents: Structure and properties of water molecule, Water as an universal solvent	2
Properties of water, polarity, hydrophilic and hydrophobic interactions	2
Acids, bases, electrolytes, hydrogen ion concentration, pH, buffers and physiological buffer system	4
Unit 2: Macromolecules and Microbial nutrients	
Definition, properties, classification and importance of carbohydrates	2
Definition, properties, classification and importance of Amino acids and proteins	3
Definition, properties, classification and importance of Lipids and Fats	2
Definition, properties, classification and importance of Porphyrins and Vitamins	2
Microbial Nutrition: Microbial nutrients- Macro and micronutrients, Classification of organisms based on carbon source, energy source and electron source	2
Major nutritional classification of microorganisms	1
Cellular transport: Passive, Facilitated, Active, Group Translocation, Uptake of iron,	2
Membrane bound and binding protein transport system- ATPase	1

IV Semester : Paper 4 - Microbial Enzymology and Metabolism

Topic	Time
Unit 1: Basics of Enzymes	15 H
Enzymes- Definition, nomenclature and IUB system of classification	2
Definition of terms: enzyme unit, specific activity and turnover number	2
Enzyme types with example: exo and endoenzymes, constitutive and induced enzymes, Monomeric, Oligomeric and Multimeric enzymes, Multi-enzyme complex, Isozyme, Lysozyme, Ribozymes, abzymes	3
Structure of enzyme: Apoenzyme, cofactors, prosthetic group-TPP, coenzyme-NAD. Active site- properties and role	3
Mechanism of enzyme action. Lock and key hypothesis and Induced Fit hypothesis. Enzyme catalysis: types and factors affecting the enzyme catalysed reaction	3
Enzyme kinetics- Michaeli's and Menten equation, Lineweaver-Burk plot	2

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Unit 2: Enzyme regulation and Microbial enzymes	15 H
Enzyme inhibition: Reversible- Competitive, non-competitive and uncompetitive inhibition. Irreversible and Feedback inhibition.	2
Enzyme regulation: Allosteric enzyme - general properties, Hill equation. Regulation of multi- enzyme complex- Pyruvate dehydrogenase	2
Microbial enzymes: source- fungal, bacterial and yeast	1
Production, Purification and isolation of microbial enzymes	2
Application of microbial enzymes- Pharmaceutical, Food and Feed industry, Paper and Pulp industry, Leather and Textile industry	4
Enzymes in cosmetics and detergents. Microbial enzymes as therapeutic agents: Anti- inflammatory. Antibacterial (Enzybiotics, Fibrinolytic enzymes) and Anticancer enzymes, Enzymes as digestive aids	4

VI Semester : Paper 7 - Immunology and Medical Microbiology

Торіс	Time
Unit 1: Introduction to Immune system	15 H
Immune system: Historical perspective of immunology. Immunity-Definition and types	1
Cells and organs of immune system: B and T Lymphocytes, Natural killer (NK) cells, Granulocytes (Neutrophils, Eosinophils and Basophils), Monocytes and macrophages, Dendritic cells and Mast cells	2
Primary lymphoid organs-Bone marrow and Thymus	1
Secondary lymphoid organs-Spleen and Lymphnodes.	1
Lymphoid tissues- MALT and GALT	1
Antigen and Antibody: Antigen- Definition, properties and types	1
lmmunogenicity and antigenicity, epitopes, haptens. Degree of foreignness, molecular weight, degradability. Adjuvants and their importance	2
Antibody: Definition, Basic structure of antibody, Structure and functions of different types of antibodies (IgG, IgA, IgM, IgD and IgE)	3
Antigenic determinants on immunoglobulins: Isotype, allotype and idiotype	2
Unit 2: Antigen-antibody interactions and Hypersensitive reactions	15 H
Antigen-antibody reactions: Definition, salient features, antibody affinity and avidity, cross reaction	1
Agglutination reactions: Hemagglutination-blood grouping, Immunoprecipitation: Radial (Mancini) and double (Ouchterlony) immunodiffusion and Immunoelectrophoresis	3
Complement mediated opsonization, complement fixation test	1
Immunotechniques: ELISA, Radioimmunoassay and Immunofluorescence	2
Hypersensitive reactions: Classification, antibody mediated hypersensitivity; Type I (IgE). Type II (IgG and IgM-ADCC), Type III (Antigen-antibody complex), and Cell mediated hypersensitivity Type IV (DTH)	4
Autoimmne diseases and Transplantation Immunology in brief, Immunoprophylaxis	2
Vaccines-Types-Killed, Live attenuated and Toxoid with an example each	1
National Immunization Schedule and Mission Indradhanush	1

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VI Semester : Paper 8 - Industrial Microbiology and Genetic Engineering

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Торіс	Time
Unit 1: Introduction to Industrial Microbiology	15 H
Introduction to Industrial Microbiology: Scope and concepts.	1
Microorganisms of industrial importance: Selection criteria, Strain improvement and Preservation	3
Fermentor: Design and components of a bioreactor	1
Specialized bioreactors: Airlift bioreactors, fluidized bed reactor, packed bed reactors, Photo- bioreactors and membrane bioreactors	3
Sterilization of fermentor. Control of air, temperature and pH, Aseptic inoculation and sampling methods	2
Fermentation media and process: Strategies for media formulation, Natural and synthetic media	1
Production medium and Inoculum medium. Raw materials (Molasses and its types, corn steep liquor, sulphite waste liquor and whey). Buffers, Precursors, Inhibitors and Antifoam agents	2
Types of fermentation process: Submerged fermentation, Solid state fermentation (Koji), Batch fermentation and continuous fermentation	2
Unit 2: Downstream processing, General production strategies of microbial products and Enzyme immobilization	15 H
Downstream processing- Definition, Stages in downstream processing	1
Methods of downstream processing: Precipitation, filtration, centrifugation, distillation, cell disruption, solvent recovery, drying and crystallization	4
Industrial production and uses of Ethyl alcool, wine, Penicillin, Lactic acid, Citric acid, Amylase.	5
Oyster mushroom cultivation	1
Enzyme immobilization: Immobilized enzymes, Revesible immobilization- Adsorption, Irrevesible immobilization- covalent coupling, entrapment, copolymerization	3
Applications of enzyme immobilization, Advantages and disadvantages of immobilized enzymes	1

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Department of Microbiology Sarada Vilas College Lesson plan for Academic Year 2023-24

Name of lecturer: Dr. Asha A. K.

l Semester : Paper 1 – Introduction to Microbiology and Microbial Diversity

Topic	Tim
Unit 2: Staining, sterilization, culturing and preservation of microorganisms	15 H
Staining: Nature of strains, principles, mechanism, methods and types of staining	2
Simple (Positive and Negative) Differential (Gram staining and Acid fast staining)	1
Structural (capsule, cell wall, endospore)	1
Sterilization: Principles, types and techniques	1
Physical methods of Sterilization	2
Chemical methods of Sterilization	2
Culture media and their types	3
Pure culture techniques and colony characteristics	1
Preservation of microorganisms, Methods of preservation of microorganisms; slant culture, stab culture, soil culture, mineral oil overlaying, glycerol preservation	2
Unit 4: Types, structure, organisation , reproduction and nomenclature of eukaryotic microorganisms	15 H
Over view of eukaryotic cell structure: General structure and types of cells	2
External cell coverings and cell membrane.	1
Structure and function of Cytoplasmic matrix-cytoskeleton	2
Single membrane organelles: Endoplasmic reticulum, Golgi complex, Lysosomes, Vesicles and Ribosomes	4
Double Membrane organelles: Nucleus, Mitochondrion and Chloroplast	2
Structure and Functions of Peroxisomes	1
Organelles of motility- Structure and movement of flagella and cilia	3

III Semester : Paper 3 - Microbial Diversity

Торіс	Time
Unit 3: Diversity of Eukaryotic Microorganisms	15 H
Fungi: Alexopoulos and Mim's classification	1
General characteristics, Structure, reproduction and economic importance of Rhizopus, Aspergillus, Agaricus, Fusarium, Saccharomyces	3
Algae: Fritsch's classification	Ĺ
Occurrence, thallus organization and economic importance of Chlorella, Cosmarium, Diatoms, Gracilaraia	3
Lichen-thallus organization and types	2
Protozoa: Salient features, Classification up to the level of classes	2

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Protozoa Type study- Euglena, Paramoecium, Trypanosoma	3
Unit 4: Diversity of Virus	15 H
General properties and structure, Isolation and purification of virus	2
Principles of Viral taxonomy- Baltimore and ICTV classification	2
Capsid symmetry- Icosahedral, helical, complex	1
Structure, Replication and Significance of Human and Animal viruses: HIV, Corona, Oncogenic virus and H1N1	2
Structure, Replication and Significance of Plants viruses: TMV, Ring spot virus in Tomato	2
Structure. Replication and Significance of Microbial viruses: T4 phage, Lambda phage, Cyanophages and Mycophages	3
Structure, Replication and Significance of Subviral particles: Viroids, Virusoids, Satellite virus and Prions	2

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V Semester - Paper 5 - Microbial Genetics

Topic	Time
Unit 3: Gene expression and Regulation	15 H
Gene expression: Genetic code- features, Wobble hypothesis. Translational machinery, Charging of tRNA, aminoacyl tRNA synthetases	3
Mechanisms of initiation, elongation and termination of polypeptides in prokaryotes	2
Post translational modifications of proteins. Protein maturation and secretion- protein splicing, molecular chaperones	3
Gene regulation: Regulatory mechanisms in bacteria. Operon concept, polycistronic mRNA	2
Lac operon - negative inducible, allolactose, structure of lac repressor, mechanism of binding of repressor to operator; Catabolite repression of Lac operon	2
Regulation by Lac repressor and CAP.	1
Trp operon regulation - repressor control and attenuator control	2
Unit 4: Genetics of Viruses and Fungi and Mutation	15 H
Genetics of Viruses: Genetic recombination in phages, Heterozygosity in phages -Temperate phage and prophage	2
Non-genetic interaction of viral gene products- Complementation, Phenotypic mixing, Genotypic mixing and interference	2
Genetics of Fungi: Life cycle of Neurospora, Terad analysis, unordered tetrad analysis in yeast	3
Ordered tetrad analysis in Neurospora, two point and three point test cross	1
Mutation: Nature and types, Mutagenic agents: physical and chemical mutagens	4
Damage and repair of DNA: Photoreactivation and SOS repair, Ames test	3

V Semester – Paper 6 – Food Microbiology

Торіс	Time
Unit 1: Production of food crops and their diseases	15 H
Role of microbes in food crops production	1
Biofertilizers: Definition, Mass. production, mode of applications, advantages and limitations of Rhizobnum, Azotobacter, Azospirillum, cyanobacterial tertilizers	3



Role of Frankia and VAM in soil fertility	1
Biopesticides: Definition, types- bacterial, viral and fungal-mode of action, factors influencing, target pests	3
Microbial herbicides	1
Diseases of food crops: Study of symptoms, etiology, epidemioloyg and management of diseases caused by fungi (Tikka disease of groundnut, blast disease of paddy, Red rot of sugarcane)	2
Diseases of food crops: Study of symptoms, etiology, epidemioloyg and management of diseases caused by bacteria (Citrus canker, Bacterial blight of rice)	1
Diseases of food crops: Study of symptoms, etiology, epidemioloyg and management of diseases caused by viruses (Bean mosaic, Papaya ring spot)	1
Diseases of food crops: Study of symptoms, etiology, epidemioloyg and management of diseases caused by viroid (Potato spindle tuber disease). Post-harvest diseases	2
Unit 2: Microbial quality of air and water for food processing and disposal of wastewater	15 I
Bioaerosols in food: Air borne microbes and their impact on food	
Bioaerosol sampling: Vertical clinder spore trap, Hirst spore trap, Rotorod sampler, Andersen sampler, impingers and filtration	1
Control of bioaerosols- UV light, HEPA filters, desiccation, Incineration	2
Water quality in food safety: Water sample collection, methods to detect potability of water samples: presumptive/MPN tests, confirmed and completed tests for faecal coliforms, SPC, IMViC reactions, membrane filter technique	2
Water borne pathogens, Control of water borne pathogens- Precipitation, filtration, chemical disinfection, UV light	2
Disposal of wastewater in food industries: Microbiological characteristics of wastewater	1
Wastewater treatment- primary (screening, coagulation and sedimentation), secondary (trickling filter, oxidation pond) tertiary (reverse osmosis, ion exchange).	2
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# Department of Microbiology Sarada Vilas College

Lesson plan for Academic Year 2023-24

Name of lecturer: Dr. Asha A. K.

### 11 Semester : Paper 2 – Microbial Biochemistry and Physiology

Торіс	Time
Unit 3: Microbial Growth	15 H
Microbial Growth: Definition of growth, Mathematical expression, Growth curve, phases of growth	2
Calculation of generation time and specific growth rate. Synchronous growth, Continuous growth (chemostat and turbidostat), Diauxic growth	2
Measurement of Growth: Direct Microscopic count - Haemocytometer; Viable count,	1
Membrane filtration: Electronic Counting; Measurement of cell mass; Turbidity measurements- Nephelometer and spectrophotometer techniques	4
Measurements of cell constituents. Growth Yield (definition of terms). Influence of environmental factors on growth	4
Microbial growth in natural environments. Viable non-culturable organisms. Quorum sensing	2
Unit 4: Bioenergetics, Microbial Respiration, Microbial Photosynthesis	15 H
Bioenergetics: Free energy, Enthalpy, Entropy, Classification of high energy compounds	2
Oxidation reduction reactions, equilibrium constant, Redox potential, Laws of thermodynamics	2
Microbial Respiration: Structure, types and function of cytochrome	1
Respiratory electron transport chain in bacteria, oxidative and substrate level phosphorylation-inhibitors and mechanism	3
Chemiosmotic coupling. Fermentation reactions (homo and hetero)	2
Microbial Photosynthesis: Light reaction: Light harvesting pigments, structure of bacterial chlorophyll; Photophosphorylation	3
CO2 fixation pathways: Calvin cycle and Reductive TCA pathway	3

### IV Semester : Paper 4 - Microbial Enzymology and Metabolism

Торіс	Time
Unit 3: Metabolism of Carbohydrates	15 H
Chemoheterotrophic Metabolism- Sugar degradation pathways	1
EMP and ED pathways	2
Pentose phosphate pathway and TCA cycle	2
Utilization of Lactose, Maltose, Cellulose and Pectin	2
Fermentation: Concept of linear and branched fermentation pathways	2
Alcohol fermentation and Pasteur effect, 2, 3-butanediol fermentation, acetate Fermentation	2
Chemolithotrophic Metabolism: Hydrogen oxidation, Sulphur oxidation, Iron oxidation	2
Anaerobic respiration with special reference to assimilatory sulphate reduction	2

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Jnit 4: Metabolism of Nitrogen, Amino acids, Lipids and Carbon compounds	15 H
vitrogen metabolism: Biological nitrogen fixation- nodulation in leguminous plants	2
Nitrogenase, leghaemoglobin, Ammonia assimilation. Assimilatory nitrate reduction, lissimilatory nitrate reduction, denitrification	3
Biosynthesis of non-essential amino acids and Amino acid degradation	2
Biosynthesis of long chain fatty acids- plamitate and lipid degradation (beta oxidation)	2
Actabolism of carbon compounds: Methylotrophs- Oxidation of methanc, methanol, nethylamines	3
arbon assimilation in methylotrophic bacteria. Methanogens. Acetic acid bacteria- Ethanol exidation and sugar alcohol exidation	3

# VI Semester : Paper 7 – Immunology and Medical Microbiology

Торіс	Tim
Unit 3: Host-pathogen interaction and Medical Bacteriology	15 H
Host pathogen interaction: Normal microflora of human skin, oral cavity, gastrointestinal tract, urogenital tract and their importance	3
Host pathogen interaction: Definitions - Infection, Invasion, Pathogenicity, Virulence, Attenuation, Exaltation	2
Toxigenicity, Carriers and their types	1
Infection-types of infection, modes of transmission of infection, portal of entry of pathogen	2
Sample collection, transport and diagnosis	1
Medical Bacteriology: Symptoms, mode of transmission, prophylaxis and control of respiratory diseases caused by Streptococcus pyogenes, Haemophilus influenzae, Mycobacterium tuberculosis	2
Medical Bacteriology: Symptoms, mode of transmission, prophylaxis and control of Gastrointestinal Diseases caused by: Escherichia coli, Salmonella typhi, Vibrio cholerae,	2
Medical Bacteriology: Symptoms, mode of transmission, prophylaxis and control of Others pathogens like Treponema pallidum, Staphylococcus aureus, Clostridium tetani	2
Unit 4: Medical Virology, Parasitology and Mycology and Chemotherapy	15 H
Medical Virology Parasitology and Mycology: Symptoms, mode of transmission, prophylaxis and control of viral infections - Polio, Hepatitis-B, Rabies, Dengue, AIDS, Corona and Chikungunya	3
Symptoms, mode of transmission, prophylaxis and control of protozoan infections - Malaria, Kala-azar, Amoebic dysentery	2
Symptoms, mode of transmission, prophylaxis and control of Fungal infections: Cutaneous mycoses- Tinea infections, Systemic mycoses- Histoplasmosis and Opportunistic mycoses- Candidiasis	2
Antimicrobial agents: General characteristics and mode of action Antibacterial agents	1
Inhibitor of nucleic acid synthesis; Inhibitor of cell wall synthesis; Inhibitor of cell membrane function; Inhibitor of protem synthesis; Inhibitor of metabolism	3
Mechanism of action of Antifungal agents: Amphotericin B, Griseofulvin;	1
Mechamism of action of Antiviral agents: Acyclovir, Azidothymidine	1
Antibiotic resistance, MDR, XDR, MRSA, NDM-1	2

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#### VI Semester : Paper 8 - Industrial Microbiology and Genetic Engineering

Торіс	Time
Unit 3: Genetic Engineering tools used in Strain improvement of microbes of industrial importance	15 H
Introduction to genetic engineering: Definition, milestones in genetic engineering. Tools in genetic engineering	1
Restriction enzymes- Types, Mode of action, nomenclature, applications	1
DNA modifying enzymes and their applications: DNA polymerases, Methylases, Terminal deoxynucleotidyl transferase, Kinases, Phosphatases and Ligases	4
Cloning Vectors and Cloning host: Cloning Vectors- Definition and Properties. Characteristics of cloning vectors	2
Plasmid vectors: pBR and pUC series. Bacteriophage lambda, Cosmids, BACs, YACs. Use of linkers and adaptors	3
Expression vectors: Baculovirus based vectors, mammalian SV40-based expression vectors	2
Cloning host- Cloning in Escherichia coli and Saccharomyces cerevisiae	2
Unit 4: Genetic engineering techniques in industrial production of recombinant products	15 H
Techniques in genetic engineering: Isolation of DNA, restriction digestion and ligation of DNA	2
Agarose gel electrophoresis, Blotting techniques, DNA sequencing- Sanger's method	2
PCR techniques and applications	1
DNA transfer methods: Microinjection, Biolistic, Electroporation, Calcium phosphate mediated DNA transfer	2
Identification and selection of recombinants: DNA hybridisation, blue white selection, colony and plaque hybridization	2
Industrial production of recombinant products: Products of human therapeutic interest - insulin, hGH, antisense molecules. Bt Cotton, Bt Brinjal, Gene therapy, recombinant vaccines	3
Biological, ethical and social issues of gene cloning and IPR	1
Gene Library: Construction and application of cDNA and genomic libraries	1
Application of recombinant microorganisms in basic research, industry, medicine, agriculture, environment	1

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# Department of Biotechnology Sarada Vilas College, Mysuru.

# Lesson plan for Academic Year 2023-24(Odd Semester)

Name of lecturer: Tribhuvan K. R.

#### I Semester: Paper 1 – Cell Biology & Genetics Time Topic 15 H Unit 3: Genetics 1 Mendelian Genetics: Introduction and brief history of genetics Mendelian theory: Laws of inheritance- dominance, segregation, incomplete dominance, 4 codominance with an example. Law of independent assortment, test cross, back cross Gene interaction: Deviations to Mendelian inheritance- Supplementary factors: comb pattern in fowls, Complementary genes- Flower colour in sweet peas, Multiple factors-Skin colour in 4 human beings, Epistasis- Plumage colour in poultry (13:3) 2 Multiple allelism: Blood groups in Humans- ABO and Rh Maternal Inheritance: Plastid inheritance in Mirabilis, Petite characters in yeast and Kappa 2 particles in Paramecium 2 Sex-linked inheritance- Colour blindness, hemophilia, Y-linked traits 15 H Unit 4: Linkage and Crossing Over Introduction, Chromosome theory of inheritance, Coupling and repulsion hypothesis 2 Linkage in maize and Drosophila, Mechanism of crossing over and its importance, 2 chromosome mapping-linkage map in maize Chromosomal variations: A general account of structural and numerical aberrations 1 1 Chromosomal evolution of wheat and cotton Mutations: Types of mutations, Spontaneous and induced, Mutagens: Physical and chemical, 3 Mutation at the molecular level, Applications of mutations- plants, animals and microbes Sex Determination in Plants and animals: Concept of allosomes and autosomes, XX- XY, XX-XO, 3 ZW-ZZ, ZO-ZZ types Human Genetics: Karyotype in man, inherited disorders – Allosomal (Klinefelter syndrome 2 and Turner's syndrome), Autosomal (Down syndrome and Cri-Du-Chat Syndrome) 1 Epigenetics: Plant and humans

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#### III Semester: Paper 3 - Biomolecules

Торіс	Time
Unit 1: Carbohydrates, Amino acids & Proteins	8 H
Carbohydrates: Introduction, sources, classification of carbohydrates. Structure, function and properties of carbohydrates	1
Monosaccharides - isomerism and ring structure, Sugar derivatives - amitio sugars and ascorbic acid	1
Disaccharides - Maltose, Lactose and Sucrose; Polycarcharides - Gassalication as board and heteropolysaccharides	1
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Homopolysaccharides - storage polysaccharides (starch and glycogen- structure, reaction, properties)	1
Structural polysaccharides (cellulose and chitin-structure, properties)	1
Heteropolysaccharides - glycoproteins and proteoglycans	1
Metabolism: Glycolysis and gluconeogenesis, Kreb's cycle, ETC- oxidative phosphorylation	2
Unit 2: Lipids & Enzymes	
Enzymes: Introduction, nomenclature and classification, enzyme kinetics	1
Factors influencing enzyme activity, metalloenzymes, activation energy and transition state, enzyme activity, specific activity	2
Coenzymes, cofactors and their functions (one reaction involving TPP, FAD, NAD)	1
Enzyme inhibition- Irreversible and reversible (competitive, non-competitive and uncompetitive inhibition with an example each)	2
Zymogens (trypsinogen, chymotrypsinogen and pepsinogen), Isozymes (LDH, Creatine kinase and their clinical significance).	1
Unit 4: Bioanalytical tools	15 H
Chromatography: Principle, procedure and applications of - paper chromatography, thin layer chromatography, adsorption chromatography, ion exchange chromatography, gel filtration chromatography, affinity chromatography, gas liquid chromatography and high performance liquid chromatography	6
Electrophoresis: Principle, procedure and applications of electrophoresis (gel electrophoresis -PAGE, SDS- PAGE & agarose electrophoresis) and isoelectric focusing	3
Spectroscopy: Colorimetry, UV-Vis spectrophotometry, Spectrofluorimetry, atomic absorption spectroscopy, mass spectroscopy	3
Radioisotope techniques: Radioisotopes, half life, , GM counter, scintillating counting	2

### V Semester: Paper 5 - Genetic Engineering

Торіс	Time
Unit 2: Practices in Genetic Engineering	15 H
Recombinant Protein Expression and Purification, affinity tags.	1
Techniques for expressing recombinant proteins using bacterial, animal, and plant expression systems	2
Strategies for protein purification and characterization - Hybridization techniques, Southern, Northern, Western, FISH	2
Polymerase Chain Reaction (PCR) and its types, molecular probes	1
DNA sequencing- Sanger's, Next Generation Sequencing	1
Gene Manipulation Techniques - Methods of gene delivery. Physical, chemical, and biological methods. Transformation, transfection, electroporation and micro-injection	3
Gene knockout techniques in bacterial and eukaryotic organisms	1
Genome Editing - Introduction to genome editing techniques	1
Principles and applications of genome editing techniques - CRISPR-Cas9, site-directed mutagenesis, and other genome editing methods	3

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Unit 4: Advances in Genetic Engineering and Ethics	15 H
Industrial applications of genetic engineering, such as enzyme production, biofuel production, and bioremediation	4
Scale-up techniques and process optimization in industrial settings	3
Introduction to synthetic biology and its integration with genetic engineering	2
Design and construction of artificial biological systems	2
Ethical and Regulatory Considerations- Discussion of ethical implications associated with genetic engineering	2
Introduction to regulatory guidelines and safety considerations for genetic engineering research and applications	2

## V Semester: Paper 6 – Plant & Animal Biotechnology

Торіс	Time
Unit 1: Plant Tissue culture methods	15 H
Introduction, history, definition, hypothesis, and concept of totipotency	1
Principles of plant tissue culture, media and laboratory organization	3
Types of culture, morphogenesis, differentiation, callus, direct, indirect organogenesis, and somatic embryogenesis, synthetic seeds	3
In vitro propagation and micropropagation, Seed culture, embryo culture, Meristem culture, bud culture, limitations and applications	3
Secondary metabolites, In vitro secondary metabolite production	
Suspension cultures, cell cultures, growth vs secondary metabolite production	1
Bioreactors and scaling up of secondary metabolite production, limitations, and applications	1
Unit 2: Transgenic Plants and biosafety	3
Overview of transgenic plants and their significance in agriculture	15 H
Techniques for introducing foreign	1
Techniques for introducing foreign genes into plants: Agrobacterium-mediated transformation, biolistics, and other methods	3
Selection and screening of transformed plants	
Applications of Transgenic Plante, Improved	2
to onstance, and appoint stress to orange	3
Biosafety assessment of transgenic plants: potential risks and benefits. International regulatory frameworks for releasing and commercializing genetically modified organisms	2
Ethical and socio-economic impacts of transgenic crops	
ntellectual property rights and access to transgenic technologies	2
2 - 2 - Sho and access to transgenic technologies	2

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### Department of Biotechnology Sarada Vilas College, Mysuru.

### Lesson plan for Academic Year 2023-24(Even Semester)

#### Name of lecturer: Tribhuvan K. R.

#### Il Semester: Paper 2 - Microbiological methods & techniques

Торіс	Time
Unit 1: General Microbiology and Instrumentation	15 H
General Introduction to Microbiology: Scope and relevance of microbiology, important contributions by Robert Koch, Leeuwenhoek, Jenner, Pasteur, Flemming, Ivanowsky	2
General account on structure, classification and reproduction of bacteria, virus and fungi	5
Microscopy: Principles and applications of Compound microscope, Dark field microscope, Phase contrast microscope, Fluorescence Microscope, Confocal microscope, Electron Microscopes- TEM and SEM	3
Analytical techniques: Working principles and applications: Centrifuge, Ultracentrifuge, Spectrophotometer	2
Working principles and applications of Chromatography: Paper, TLC, Column (adsorption, gel- filtration, ion exchange, affinity), HPLC, GC	3
Unit 4: Antimicrobial agents	15 H
Antibiotic sensitivity testing methods: Disc and Agar well diffusion techniques	1
Five modes of action with one example each: Inhibitor of nucleic acid synthesis; Inhibitor of cell wall synthesis; Inhibitor of cell membrane function; Inhibitor of protein synthesis; Inhibitor of metabolism	6
Antifungal agents: Mechanism of action of Amphotericin B, Griseofulvin	2
Antiviral agents: Mechanism of action of Amantadine, Acyclovir, Azidothymidine	3
Antibiotic resistance, MDR, XDR, MRSA, NDM-1	3

#### IV Semester: Paper 4 - Molecular Biology

Торіс	Time
Unit 2: Transcription and RNA processing	15 H
Transcription in prokaryotes- RNA polymerase, sigma factor, promoter, initiation, elongation and termination	:4
Transcription in eukaryotes: Eukaryotic RNA polymerases, transcription factors, promoters, enhancers	3
Mechanism of transcription initiation, promoter clearance, clongation and termination	3

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RNA processing of pre-mRNA: 5' cap formation, polyadenylation, splicing	3
Processing of rRNA and tRNA	2
Unit 4: Regulation of gene expression	15 H
Prokaryotic gene regulation- operon concept- regulation of lac operon and trp operon, attenuation control	4
Eukaryotic gene regulation- Activators, repressors binding to enhancers, coordinated control (tissue specific gene expression),	5
DNA methylation, chromatin remodeling	2
Translational control of gene expression-ferritin mRNA regulation, RNAi- miRNA and siRNA	3

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### VI Semester: Paper 7 - Immunology

Торіс	Time
Unit 2: Molecules of the Immune System	15 H
Antigens and haptens: Properties (foreignness, molecular size, heterogeneity)	1
Adjuvants. Antigenicity and Immunogenicity. Affinity and Avidity. B and T cell epitopes, superantigens	2
Immunoglobulins: Classification, structure, and function	3
Antibody diversity, Monoclonal and polyclonal antibodies	1
Major histocompatibility complexes: Classification, structure, and function	1
Antigen processing pathways – Cytosolic and Endocytic, Complement Pathways	3
Cytokines: Classification and function	1
Hypersensitivity: Reactions – Types I, II, and III. Delayed Type Hypersensitive Response	3
Unit 4:	15 H
Transplantation immunology: Phases in graft rejection and immuno-suppressors	2
Autoimmune Disorders: Systemic and Organ-specific Autoimmune disorders with examples	3
Immunodeficiencies: Primary and secondary immunodeficiencies; acquired immunodeficiency syndrome	2
Cancer and the immune system – immune surveillance, immunological escape, cancer intigens, cancer immunotherapy	5
Microbial diseases in humans: Mode of infection, symptoms, epidemiology and control neasures of diseases caused by Viruses ( Hepatits-B), Bacteria (Typhoid), Fungi Aspergillosis), Protozoa (Malaria).	3

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### VI Semester: Paper 8 - Industrial & Environmental Biotechnology

Торіс	Time
Unit 1: Introduction to bioprocess technology	15 H
Basic principle components of fermentation technology	3
Strain improvement of industrially important microorganisms	4
Types of microbial culture and its growth kinetics– Batch, Fed-batch, and Continuous culture	4
Principles of upstream processing – Media preparation, Inocula development, and sterilization	4
Unit 2: Bioreactors and downstream processing	15 H
Bioreactors- Types, design and components. Significance of Impeller, Baffles, Sparger	3
Specialized bioreactors- design and their functions: airlift bioreactor, tubular bioreactors, membrane bioreactors, tower bioreactors, fluidized bed reactor, packed bed reactors	4
Downstream processing- cell disruption, precipitation methods, solid-liquid separation, liquid- liquid extraction, filtration, centrifugation, chromatography, drying devices (Lyophilization and spray dry technology), crystallization, biosensors-construction and applications	6
Microbial production of ethanol, amylase and Single Cell Proteins.	2

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### Department of Biotechnology Sarada Vilas College, Mysuru.

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Lesson plan for Academic Year 2023-24(Odd Semester)

Name of lecturer: Abhilash H. S.

## I Semester: Paper 1 – Cell Biology & Genetics

Unit 1: Cell as a Basic unit of Living Systems and Cellular Organelles Concept, Development and Scope of Biotechnology. Historical perspectives. Discovery of cell, the cell Theory	15 H
Concept, Development and Scope of Biotechnology. Historical perspectives. Discovery of cell, the cell Theory	
	2
Ultra structure of prokaryotic and eukaryotic cell- (Both plant and animal cells)	-
Surface Architecture: Structural organization and functions of plasma membrane and cell wall of bacteria and plants.	1
Cellular Organelles: Structure and functions of cell organelles – Endoplasmic reticulum, Golgi complex, Mitochondria, Chloroplast, Ribosomes, Lysosomes, Peroxisomes, Vacuole & Cytosol	6
Nucleus - Nuclear envelope with nuclear pore complex, Nucleolus, Nucleoplasm and	3
Cytoskeleton structures - Microtubules, Microfilaments and Intermediate filaments	
Unit 2: Chromosomes and Cell Division	2
General Introduction, Discovery, Morphology and starting and	15 H
Secondary constriction, Telomere, Chromonema, Euchromatin and Heterochromatin, Chemical composition	3
Karyotype. Single-stranded and multistranded hypothesis, folded- fibre and nucleosome models	2
Special type of chromosomes: Salivary gland and Lampbrush chromosmes	
Cell Division: Cell cycle, phases of cell cycle, Regulation of cell cycle - checkpoints and enzymes nvolved. Significance of cell cycle, interphase nucleus	1
tages of mitosis and meiosis, achromatic apparatus, synaptonemal complex	10
Cell Senescence and programmed cell death	4

### III Semester: Paper 3 - Biomolecules

Торіс	Time
Unit 1: Carbohydrates, Amino acids & Proteins	7 H
Amino Acids, Peptides and Proteins: Introduction, classification and structure of amino acids: Zwitterion, isoelectric point, pK values	2
Essential and nonessential amino acids. Peptide bond and peptide,	i
Structural organization of proteins - primary, secondary ( $\alpha$ helis, $\mathbb N$ sheets) tertiary and quaternary	1
Librous and globular proteins, Denaturation and renaturation of proteins	1
General aspects of animo acid metabolism: Transamination, deamination, decarboxylation and urea cycle	2

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Unit 2: Lipids & Enzymes	15 H
Lipids: Classification and function of lipids, Saturated and unsaturated fatty acids	1
Properties (saponification value, acid value, iodine number, rancidity), Hydrogenation of fats and oils	Z
General structure and biological functions of phospholipids, sphingolipids, glycolipids, lipoproteins, prostaglandins, cholesterol, ergosterol	3
Metabolism: $\beta$ -oxidation of fatty acids. Biosynthesis of palmitate	2
Unit 3: Vitamins, Nucleic Acids & Hormones	15 H
Vitamins:Water and fat soluble vitamins, dietary source and biological role of vitamins	2
Deficiency manifestation of vitamin A, B, C, D, E and K	1
Nucleic acids: Structure of nucleosides, nucleotides in DNA and RNA	2
Structure and functions of DNA and RNA, Watson and Crick model of DNA and other forms of DNA (A and Z).	2
Types of RNA (rRNA, tRNA, mRNA, snRNA, hnRNA, miRNA), ribozymes	2
Metabolism- Overview of biosynthesis and degradation of purine and pyrimidine, salvage pathway	2
Hormones: Classification of hormones based on chemical nature and mechanism of action	2
Chemical structure and functions of the following hormones: Glucagon, insulin, Epinephrine, Testosterone and Estradiol.	2

### V Semester: Paper 5 - Genetic Engineering

Торіс	Time
Unit 1: Fundamentals of Genetic Engineering	15 H
Definition, scope, and historical overview of genetic engineering.	1
Importance and applications in various fields	1
DNA Structure and Manipulation - Techniques for DNA isolation and purification	2
Methods for quantification and characterization of DNA samples	1
RNA Analysis and Gene Expression- Methods for RNA isolation and purification	1
Analysis of gene expression	1
Recombinant DNA technology – Introduction to molecular cloning	1
Overview of cloning vectors. Plasmids, phage, cosmid, BAC, and YAC. Features and applications of cloning vectors in genetic engineering	2
Enzymes used in recombinant DNA technology: Restriction endonucleases, Polymerases, Ligase, kinases, and phosphatases	3
Techniques for molecular cloning of DNA or RNA fragments in bacterial and eukaryotic systems.	2
Unit 3: Applications of Genetic Engineering	15 H
Introduction to Applications. Overview of the diverse applications of genetic engineering	1
Gene therapy and its potential in treating genetic disorders	2
Strategies for gene delivery in the apentic applications.	3
Diagnostic Applications, DNA fingerprinting and its applications in forensics	2

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Molecular diagnostic techniques and their role in disease diagnosis	3
Use of genetic engineering in the development of therapeutics and vaccines	2
Production of biopharmaceuticals using recombinant DNA technology	2

#### V Semester: Paper 6 - Plant & Animal Biotechnology

Торіс	Time
Unit 3: Animal Cell culture methods	15 H
History and laboratory organisation of animal cell culture	1
Media. Cell types and culture characters. Pluripotency, Multipotency, Differentiation, Trans- differentiation and reprogramming	2
Biology and characterization of cultured cells- cell adhesion, proliferation, differentiation, morphology of cells, and identification	2
The basic technique of mammalian cell culture in vitro	2
Measuring parameters of growth in cultured cells, cell viability, and cytotoxicity	1
Large-scale culture of cell lines- monolayer, suspension, and immobilized cultures	2
Organ and histotypic culture: Technique, advantages, limitations, applications	2
Stem cells: types (embryonic, adult, induced pluripotent), isolation, identification, expansion, differentiation and uses, stem cell engineering, ethical issues	3
Unit 4: Gene transfer in animals and applications	15 H
Gene constructs promoter/ enhancer sequences for transgene expression in animals	1
Selectable markers for animal cells- thymidine kinase	1
Transfection of animal cells- calcium phosphate coprecipitation, electroporation, lipofection, peptides, direct DNA transfer, viral vectors, Retrovirus, microinjection	3
Transgene identification methods. Transgenic and genome-edited animals	2
Ethical issues in transgenesis. Recent advances and applications in the field	2
Manipulation of animal reproduction and characterization of animal genes	2
Embryo transfer in cattle and applications	2
Somatic cell cloning - cloning of Dolly. Ethical issues. Production of recombinant vaccines	2

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### Department of Biotechnology Sarada Vilas College, Mysuru.

Lesson plan for Academic Year 2023-24(Even Semester)

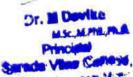
### Name of lecturer: Abhilash H. S.

#### 11 Semester: Paper 2 – Microbiological methods & techniques

Торіс	Time
Unit 2: Sterilization techniques	15 H
Definition of terms-sterilization, disinfectant, a <mark>ntiseptic, sanitizer, germicide</mark> , microbicidal agents, microbiostatic agent and antimicrobial agent	1
Physical methods of control: Principle, construction and applications of moist heat sterilization- Pasteurization, Boiling, Fractional sterilization-Tyndallization and autoclave; Dry heat sterilization-Incineration and hot air oven	5
Filtration – Diatomaceous earth filter, seitz filter, membrane filter and HEPA	2
Radiation : Ionizing radiation-γ rays and non ionizing radiation- UV rays	2
Chemical methods: Alcohol, aldehydes, phenols, halogen, metallic salts, Quaternary ammonium compounds and sterilizing gases as antimicrobial agents	5
Unit 3: Microbiological techniques	15 H
Culture Media: Components of media, natural and synthetic media, chemically defined media, complex media, selective, differential, indicator, enriched and enrichment media	4
Pure culture methods: Serial dilution and plating methods (pour, spread, streak); cultivation, maintenance and preservation/stocking of pure cultures; cultivation of anaerobic bacteria	4
Microbial growth and its measurements: Growth curve, enumeration methods (turbidity, cell counting, colony counting)	3
Stains and staining techniques: Principles of staining, Types of stainssimple stains, structural stains, negative stain and differential stains	4

#### IV Semester: Paper 4 - Molecular Biology

Торіс	Time
Unit 1: DNA as genetic material, Replication and Repair	15 H
Experimental proof of DNA as genetic material (Griffith's, Avery-Mcleod-McCarty, Martha- Chase)	2
Central dogma, Replication of DNA in prokaryotes and eukaryotes – semi-conservative mode (Messelson and Stalh experiment)	2
Theta, linear and rolling circle models of DNA Replication	4
Enzymes and proteins involved in replication-DNA polymerases, helicases, gyrases, ligase, SSB proteins, IRNAse	2
The replication complex. Pre-primming proteins, primosome, replisome	1
Unique aspects of eakaryotic chromosome replication, Fidelity of replication	1
DNA damage and Repair mechanism: types of damage, photo reactivation, excision repair, mismatch repair and SOS repair	3



Unit 3: Translation	15 H
Genetic code and its characteristics, Wobble hypothesis	2
Translation- in prokaryotes and eukaryotes- ribosomes, enzymes and factors involved in translation	2
Activation of amino acids, aminoacyl tRNA synthetases	1
Mechanism of translation- initiation, elongation and termination of polypeptide chain	5
Fidelity of translation, Inhibitors of translation	2
Post translational modifications of proteins, Protein folding and targeting- to mitochondria and lysosomes	3

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### Vl Semester: Paper 7 – Immunology

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Торіс	Time
Unit 1: Cells and Organs of the Immune System	15 H
Introduction to the Immune System: History of Immunology	1
Types of Immunity: first and second line of defense, innate and acquired/adaptive immunity, specificity, diversity	3
Cells of the immune system: Antigen-presenting cells (APCs), Role of B and T-lymphocytes in Humoral immunity and cell-mediated immunity	4
Primary and secondary immune response, Immunization and immune memory	3
Organs of the Immune system: Thymus, bone marrow, spleen, Lymph Node, peripheral lymphoid organs	
Unit 3: Immunotechniques and vaccines	15 H
Structure and properties of antigens- iso- and allo-antigens, antigen specificity, Cross- reactivity, Precipitation	3
Immunodiffusion reactions: Radial immunodiffusion, Ouchterlony double diffusion, Immunoelectrophoresis	3
Agglutination: Agglutination reactions. ELISA, RIA. Immunocytochemistry, Fluorescent Techniques	4
Vaccines: Conventional, peptide vaccines, subunit, DNA vaccines, Toxoids, antisera, edible vaccines, plantibodies, and Cancer vaccines	5

### VI Semester: Paper 8 - Industrial & Environmental Biotechnology

Торіс	Time
Unit 3: Fundamentals of Environmental Biotechnology	15 H
Introduction to Environmental Biotechnology- Principles of Environmental Science	1
Role of Biotechnology in Environmental Conservation	1
Microbial Processes in Environmental Biotechnology	1
Pollution and Biotechnology - Major issues in environmental pollution and the role of biotechnology in addressing them	2
Biotechnological Methods of Pollution Detection-General bioassay methods for pollution detection. Cell biological methods for assessing pollution levels. Use of biosensors in pollution monitoring	5

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Biotechnological Methods in Pollution Abatement-Reduction of CO2 emission using biotechnological approaches	3
Addressing eutrophication through biotechnological interventions. Application of cell immobilization techniques in pollution abatement	2
Unit 4: Bioremediation and Waste Management	15 H
Importance of bioremediation in environmental cleanup	1
Types of contaminants suitable for bioremediation. Microorganisms used in bioremediation	1
In-situ Bioremediation Methods. –Bioaugmentation, Biostimulation, Bioventing, Phytoremediation	3
Ex-situ Bioremediation Methods – Composting, Land farming, Biopile and bioslurry systems. Xenobiotics. Bio metallurgy and bio-mining	3
Waste water Management. Waste water Characterization and Composition	2
Biological Processes in Waste water Treatment	1
Activated Sludge Process and Biological Nutrient Removal, Anaerobic Digestion and Biogas Production	2
Solid Waste Management.	2

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### 2023-24 Course: Income Tax Law and Practice – 1 Program: B.Com (NEP) Semester: V

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### **Teaching Plan**

Week	Unit	Topics to be Covered	Mode of teaching
1	Module No. 1: Basic Concepts of Income – Tax	Introduction –Meaning of tax-, types of taxes, and cannons of taxation. Brief history of Indian Income Tax, legal framework of taxation, Important definitions, assessment, assessment year, previous year including exceptions, assesses, person, income, casual income,	Chalk and talk method
2		scheme of taxation, – Exempted incomes of individuals under section 10 of the Income Tax Act, 1961	Chalk and talk method
3	Module No. 2: Residential Status	Introduction – Residential status of an individual. Determination of residential status of an individual.	Chalk and talk method
4	and Incidence of Tax	Incidence of tax or Scope of Total income (problems)	Chalk and talk method
		individual.	Chalk and talk method.
6		Problems on computation of Gross total Income of an individual	Chalk and talk method
	Module No. 3:	Introduction - Meaning of Salary -Basis of charge	Chalk and talk method
6	Income from Salary	Definitions-Salary, Perquisites and profits in lieu of salary - Provident Fund - Transferred balance.	Chalk and talk method teaching
		- Retirement Benefits - Gratuity, pension and Leave salary.	Chalk and talk method
0		Deductions and Problems on Computation of Taxable Salary.	Chalk and talk method
1	Module No. 4: Income from House	Introduction - Basis for charge - Deemed owners. House property incomes exempt from tax.	Chalk and talk method.
2	Property	Composite (ent and unrealized rent	Chaik and tak n silaid
3		Annual Value Determination of Arctual. Deductions from Annual Value	t halk and talk medied

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14		Problems on Computation of Income from House Property	Chalk and talk method
15	Module No. 5: Tax Deduction at Sources & Advance Tax	Module No. 5: Tax Deduction at Sources & Advance Tax Ruling 10 Introduction - Meaning of TDS - Provisions regarding TDS - TDS to be made from Salaries - Filing of Quarterly statement – Theory and Problems:	Chalk and talk method
16		Advance Tax: Meaning of advance tax - Computation of advance tax - Instalment of advance tax and due dates. Deductions under Sections 80C, 80CCC, 80CCD, 80CCG, 80D, 80DD, 80DDB, 80E, 80G, 80GG, 80TTA and 80U as applicable to Individuals	Chalk and talk method.

#### 2023-24 Course: Income Tax Law and Practice – II Program: B.Com (NEP) Semester: VI Teaching Plan

Week	Unit	Topics to be Covered	Mode of teaching
1	Module No. 1: Profits	Introduction-Meaning and definition of Business, Profession and Vocation Expenses expressly allowed - Expenses Expressly Disallowed - Allowable losses - Expressly disallowed expenses and losses, ,	Chalk and talk method
2	and Gains of Business and Profession	Expenses allowed on payment basis. Problems on computation of income from business of a sole trading concern - Problems on computation of income from profession: Medical Practitioner - Advocate and Chartered Accountants.	Chalk and talk method
3	Module No. 2: Capital Gains	Introduction - Basis for charge - Capital Assets - Types of capital assets – Transfer - Computation of capital gains – Short term capital gain and Long term capital gain - Exemptions under section 54, 54B, 54EC, 54D, 54F, and 54G. Problems covering the above sections.	Chalk and talk method
4		<ul> <li>Computation of capital gains – Short term capital gain and Long term capital gain</li> </ul>	Chalk and talk method
5		Exemptions under section 54, 54B, 54EC, 54D, 54E, and 54G.	Chalk and talk method.



6		Problems covering the above sections	Chalk and talk method
7	Module No. 3: Income from other Sources	Introduction - Incomes taxable under Head income other sources – Securities- Types of Securities - Rules for Grossing up. Ex-interest and cum-interest securities. Bond Washing Transactions - Computation of Income from other Sources.	Chalk and talk method
\$		Securities- Types of Securities - Rules for Grossing up	Chalk and talk method teaching
\$		- Computation of Income from other Sources.	Chalk and talk method
1	Module No. 4: Set Off and Carry	Introduction – Provisions of Set off and Carry Forward of Losses (Theory only) -	Chalk and talk method.
2	Forward of Losses &	Computation of Total Income and tax liability of an Individual.	Chalk and talk method
3	Assessment of individuals.		Chalk and talk method
5	Module No. 5: Assessment Procedure and Income Tax Authorities	Introduction - Due date of filing returns, Filing of returns by different assesses, E- filing of returns, Types of Assessment, Permanent Account Number -Meaning, Procedure for obtaining PAN and transactions were quoting of PAN is compulsory. Income Tax Authorities their Powers and duties.	Chalk and talk method
6		Meaning, Procedure for obtaining PAN and transactions were quoting of PAN is compulsory. Income Tax Authorities their Powers and duties.	Chalk and talk method.

2023-24 Course: Information Technology for Business Program: BBA (NEP) Semester: V Teaching Plan

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	Internet of Things, Green Marketing, Artificial	
15	Intelligence, Machine Learning	Chalk and talk method

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#### 2023-24 Course: Advertising and Media management Program: BBA (NEP) Semester: VI

#### **Teaching Plan**

Week	Unit .	Topics to be Covered	Mode of teaching
1	Module -1:	: Introduction to Integrated Marketing Communication 10 Integrated marketing communication, AIDA Model, Setting goals and objectives,	Chalk and talk method
2	<ul> <li>Introduction to Integrated Marketing Communication</li> </ul>	concept of DAGMAR in setting objectives, elements of IMC; Role of advertising in India's economic development, Ethics in advertising, Social, Economic and Legal aspects of advertising	Chalk and talk method
3	Module -2: Consumer and - Media	persuasion, behaviour, Associating feeling with brands, Use of research in advertising planning; Advertising How advertising works: perception, cognition, affect, association, persuasion, behavior, Associating feeling with brands, Use of research in advertising planning; Advertising Media	Chalk and talk method
4		: industry structure, functions, advantages, disadvantages of print, Television, Radio, Internet, Outdoor, Basic concept of media planning, media selection, Media Scheduling strategy, setting media budgets.	Chalk and talk method
5	Module-3 Advertising Program	Planning and managing creative strategies; Creative approaches; Building Advertising Program: Message, Theme.	Chalk and talk method

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Week	Unit	Topics to be Covered	Mode of teaching
1	Module No. 1: Information	Introduction to IT, Introduction to IS, Difference be IS and IT, Need for Information System, Information Systems in the Enterprise, Impact of Information Technology on Business (Business Data Processing,	Chalk and talk method
2	Technology and Information System	Intra and Inter Organizational communication using network technology, Business process and Knowledge process outsourcing), Managers and Activities in IS, Importance of Information systems in decision making and strategy building, Information systems and subsystems	Chalk and talk method
3	Module No. 2: Subsystems of Information System	Transaction Processing Systems (TPS), Management Information System (MIS), Decision Support Systems (DSS), Group Decision Support System (GDSS),	Chalk and talk method
4	internation System	Executive Information System (EIS), Expert System (ES), Features, Process, advantages and Disadvantages, Role of these systems in Decision making process.	Chalk and talk method
5	Module No. 3: Income from Salary	Module No. 3: Database Management System 14 Introduction to Data and Information, Database, Types of Database models, Introduction to DBMS, Difference between file management systems	Chalk and talk method
6		DBMS, Advantages and Disadvantages of DBMS, Data warehousing, Data mining, Application of DBMS.	Chalk and talk method teaching
7		Introduction to MS Access, Create Database, Create Table, Adding Data, Forms in MS Access, Reports in MS Access	Chalk and talk method
9	Module No. 4: Microsoft Excel in	Introduction to MS Excel, features of MS Excel, Cell reference, Format cells, Data Validation, Protecting Sheets,	Chalk and talk method.
10	Business	Data Analysis in Excel: Sort, Filter, Conditional Formatting, Preparing Charts, Pivot Table, What if Analysis(Goal Seek, Scenario manager),	Chalk and talk method
12		Financial Functions: NPV, PMT, PV, FV, Rate, IRR, DB,SLN,SYD. Logical Functions: IF, AND, OR, Lookup Functions: V Lookup, H Lookup, Mathematical Functions, and Text Functions	Chalk and talk method
13		Problems on Computation of Income from House Property	Chalk and talk method
14	Module No. 5: Recent Trends in IT.	Virtualization. Cloud computing, Grid Computing	Chalk and talk method

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2		CGST, SGST and IGST. GST Council, Composition, Powers and Functions. CGST Act, 2017-Feature and Important definitions	Chalk and talk method
l	Module No. 2: GST Registration and Taxable Event	Registration under GST provision and process. Amendment and cancellation of registration, Taxable event. Supply of goods and services-Meaning, Scope and types- composite supply, mixed supply.	Chalk and talk method
		Determination of time and place of supply of goods and services. Levy and collection of tax. List of exempted goods and services- Problems	Chalk and talk method
	Nr. J. J. No. 7: Juppet	Input Tax Credit 08 Input Tax Credit - Eligible and Ineligible Input Tax Credit;	Chalk and talk method
5	Module No. 3: Input Tax Credit	Apportionments of Credit and Blocked Credits; Tax Credit in respect of Capital Goods; Recovery of Excess Tax Credit;	Chalk and talk method teaching
7		Availability of Tax Credit in special circumstances; Transfer of Input tax, Reverse Charge Mechanism, tax	Chalk and talk method
9	Module No. 4: GST Assessment	invoice, Problems on input tax credit. Tax Invoice, Credit and Debit Notes, Returns, Audit in GST, Assessment:.	Chalk and talk method.
10		Self- Assessment, Summary and Scrutiny. Special	Chalk and talk method
12	_	Provisions. Taxability of E-Commerce, Anti- Profiteering, Avoidance of dual control- issues in filing of returns, monthly collection targets, and GST Council meetings.	Chalk and talk method
13		monthly concerton targets, and GBT counter	Chalk and talk method
14	Module No. 5: Valuations of Goods and Services Under GST	Introduction to Valuation under GST, Meaning and Types of Consideration: a) Consideration received through money b) Consideration not received in money c) Consideration received fully in money, valuation rules for supply of goods and services	Chalk and talk method
15		: 1) General Valuation Rules; 2) Special Valuation Rules; Other valuation rules for supply of goods and services: 1) General Valuation Rules; 2) Special Valuation Rules; Other cases for valuation of supply, imported services, imported goods, valuation for discount	Chalk and talk method.
16		Transaction Value: Meaning and conditions for transaction value, inclusive transaction value, and exclusive discount excluded from transaction value. Problems on GST:	

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6		Advertising appeals: Advertising layout: how to design and produce advertisements; Advertising Budget: nature and methods of advertising appropriation;	Chalk and talk method teaching
7		Art of copywriting; Guidelines for copywriting; Copywriting for print, Audio, TV and outdoor media.	Chalk and talk method
9	Module No. 4: Microsoft Excel in Business	Module -4: Other Elements of IMC- Sales Promotion, PR, Events and Experiences and Word of Mouth 10 Consumer and trade sales promotion,.	Chalk and talk method.
10	Business	application of sales promotion in different domains; Using public relations in image building:	Chalk and talk method
12		Planning and executing events, event management; Viral marketing, building organic word of mouth communication	Chalk and talk method
13			Chalk and talk method
14	Module -5: Measuring Effectiveness	Module -5: Measuring Effectiveness 05 Measuring Advertising Effectiveness: stages of evaluations and various types of testing-Pre and Post testing;	Chalk and talk method
15		Advertising agencies: history, role, importance, organizational structure, functions; Selection of agency, client agency relationship, compensation strategies	Chalk and talk method.

### Name of the Program: Bachelor of Commerce (B.Com.)

#### Course Code: COM

### 5.6 Name of the Course: GST-Law & Practice

#### **Teaching Plan**

Week	Unit	Topics to be Covered	Mode of teaching
J	Module No. 1 Introduction to GST	Introduction-Meaning and Definition of GST, Objectives. Features, Advantages and Disadvantages of GST, Taxes subsumed under GST, Structure of GST (Dual Model).	Chalk and talk method
		Dr. M Devika M.Sc.,M.Phil.,Ph.D.	
	¥r	167 Sarada Vilas College, krishnamurthypuram, Mysuru	

5		Advertising appeals: Advertising layout: how to design and produce advertisements; Advertising Budget: nature and methods of advertising appropriation;	Chalk and talk method teaching
		Art of copywriting: Guidelines for copywriting; Copywriting for print, Audio, TV and outdoor media.	Chalk and talk method
	Module No. 4: Microsoft Excel in	<b>Module -4</b> : Other Elements of IMC- Sales Promotion, PR, Events and Experiences and Word of Mouth 10 Consumer and trade sales promotion,.	Chalk and talk method.
0	Business	application of sales promotion in different domains; Using public relations in image building;	Chalk and talk method
2		Planning and executing events, event management; Viral marketing, building organic word of mouth communication	Chalk and talk method
3		communication	Chalk and talk method
4	Module -5: Measuring Effectiveness	<b>Module -5</b> : Measuring Effectiveness 05 Measuring Advertising Effectiveness: stages of evaluations and various types of testing-Pre and Post testing;	Chalk and talk method
15		Advertising agencies: history, role, importance, organizational structure, functions; Selection of agency, client agency relationship, compensation strategies	Chalk and talk method.

### Name of the Program: Bachelor of Commerce (B.Com.)

#### **Course Code: COM**

### 5.6 Name of the Course: GST-Law & Practice

#### **Teaching Plan**

Week	Unu	Topics to be Covered	Mode of teaching
ē	Module No. 1 Introduction to GS1	Introduction-Meaning and Definition of GST, Objectives, Leatures, Advantages and Disadvantages of GST, Taxes subsumed under GST, Structure of GST (Dual Model)	Chalk and talk method

Dr. M Devika

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U.SC. M.M. M.H.

	and the second second	Problems on GST.:	12
í,		Transaction Value: Meaning and conditions for transaction value, inclusive transaction value, and exclusive discount excluded from transaction value.	_
5		: 1) General Valuation Rules; 2) Special Valuation Rules; Other valuation rules for supply of goods and services: 1) General Valuation Rules; 2) Special Valuation Rules; Other cases for valuation of supply, imported services, imported goods, valuation for discount;	Chalk and talk method.
4	Module No. 5: Valuations of Goods and Services Under GST	Introduction to Valuation under GST, Meaning and Types of Consideration: a) Consideration received through money b) Consideration not received in money c) Consideration received fully in money, valuation rules for supply of goods and services	Chalk and talk method
3			Chalk and talk method
2		Taxability of E-Commerce, Anti- Profiteering, Avoidance of dual control- issues in filing of returns, monthly collection targets, and GST Council meetings.	Chalk and talk method
0		Self- Assessment, Summary and Scrutiny. Special Provisions.	Chalk and talk method
r.	Module No. 4: GST Assessment	Tax Invoice, Credit and Debit Notes, Returns, Audit in GST, Assessment:.	Chalk and talk method.
8		Availability of Tax Credit in special circumstances; Transfer of Input tax, Reverse Charge Mechanism, tax invoice, Problems on input tax credit.	Chalk and talk method
	Tax Credit	Apportionments of Credit and Blocked Credits; Tax Credit in respect of Capital Goods; Recovery of Excess Tax Credit;	Chalk and talk method teaching
,	Module No. 3: Input	Input Tax Credit 08 Input Tax Credit - Eligible and Ineligible Input Tax Credit;	Chalk and talk method
1		Determination of time and place of supply of goods and services. Levy and collection of tax. List of exempted goods and services- Problems	Chalk and talk method
3	<b>Module No. 2</b> : GST Registration and Taxable Event	Registration under GST provision and process. Amendment and cancellation of registration, Taxable event. Supply of goods and services-Meaning, Scope and types- composite supply, mixed supply.	Chalk and talk method
2		CGST, SGST and IGST. GST Council, Composition, Powers and Functions. CGST Act, 2017-Feature and Important definitions	Chalk and talk method

### Name of the Program: Bachelor of Commerce (B.Com.)

#### Course Code: COM 6.3

### Name of the Course: Management Accounting

### **Teaching Plan**

Week	Unit	Topics to be Covered	Mode of teaching
1		Introduction – Concept – Meaning and Definition – Significance - Scope - Objectives and Functions - Difference between Financial Accounting,	Chalk and talk method
2	Module No. 1: Introduction to Management Accounting	Cost Accounting and Management Accounting - Advantages and Limitations of Management Accounting - Management Accountant: Role and Functions of Management Accountant.	Chalk and talk method
3	<b>Module No. 2</b> : Financial Statements Analysis and Interpretation	Introduction – Meaning and Nature of financial statements - Limitations of financial statements - Essentials of a good financial statement. Analysis and interpretations.	Chalk and talk method
4		Meaning and definition of Financial of analysis, types of analysis, Techniques of Financial Analysis- Comparative Statements, Common Size Statements and Trend Analysis - Problems.	Chalk and talk method
5	Module No. 3: Ratio Analysis	Introduction - Meaning and Definition of Ratio Analysis, Uses & Limitations of Ratio Analysis – Classification of ratios: Liquidity ratios: Current ratio, Liquid ratio and Absolute liquid ratio: Solvency ratios: Debt equity ratio, and Operating profit ratio. Turnover ratios: Inventory turnover ratio - Debtors turnover ratio Debt collection period - Creditors turnover ratio -Debt payment period. Assets turnover ratio, Earnings per share and Price Farnings Ratio. Problems on Ratio	Chalk and talk method

Dr. M Devike M.S. M.M.M.M.M. Principal Serado Vites College Utshnamurthyama, Myan

		Proprietary ratio and Capital gearing ratio - Earning per share and return on capital employed; Profitability ratios: Gross profit ratio - Net profit ratio – Operating ratio, and Operating profit ratio Operating profit ratio.	
6		Turnover ratios: Inventory turnover ratio - Debtors turnover ratio Debt collection period - Creditors turnover ratio -Debt payment period, Assets turnover ratio, Earnings per share and Price Earnings Ratio. Problems on Ratio	Chalk and talk method teaching
7		Proprietary ratio and Capital gearing ratio - Earning per share and return on capital employed; Profitability ratios:	Chalk and talk method
9	<b>Module No. 4:</b> Cash flow Analysis	Introduction- Meaning and Definition, Merits and Demerits, differences between Fund flow and cash flow statements.	Chalk and talk method.
10		Provisions of Ind AS 7. Procedure of cash flow statement Concept of cash and cash equivalent.	Chalk and talk method
12		Classification of Cash flows,	Chalk and talk method
13		, Preparation of cash flow statement as per Ind AS 7 (Indirect method only). Problems.	Chalk and talk method
14	Module No. 5: Management Audit & Reports on Management	Introduction – Meaning –Nature – Scope - Importance – Need - Objectives of management audit - Differences between Financial Audit and Management Audit - Steps involved in Management Audit, Reports on	Chalk and talk method
15		- Management discussion analysis- Annual Report on CSR – Business Responsibility Report – Corporate Governance Report – Secretarial Audit Report CSR	Chalk and talk method

per Dr. M Devika M.Sc., M.Phil, Ph.D. Principal Sarada Vilas College, Victoramurthyouram, Mysuni

	En la Deservatione de Convernance	
6	Business Responsibility Report – Corporate Governance Report – Secretarial Audit Report.	

## Name of the Program: Bachelor of Commerce (B.Com.)

### Course Code: COM 5.3

# Name of the Course: Principles and Practice of Auditing Course Credits

#### **Teaching Plan**

Week	Unit	Topics to be Covered	Mode of teaching
1	Module No. 1:	Module No. 1: Introduction to Auditing 10 Introduction – Meaning and Definition – Objectives– Types of Audit– Merits and Demerits of Auditing – Relationship of audit with other disciplines	Chalk and talk method
2	Introduction to Auditing	Preparation before commencement of new audit - Working Papers - Audit Note Book, Audit Programme Qualities of an Auditor – Audit planning – Audit strategy — Audit Engagement - Audit Documentation - Audit Evidence – Written Representation.	Chalk and talk method
3	Module No. 2: Financial Statements Analysis and Interpretation	Module No. 2: Risk Assessment and Internal Control 12 Introduction – Audit risk – Assessment of risk – Internal Control-Meaning and objectives– Internal check- Meaning, objectives and fundamental Principles. Internal check with regards to wage payment, cash sales, and cash purchases.	Chalk and talk method
4		Meaning and objectives - Internal check- Meaning, objectives and fundamental Principles. Internal check with regards to wage payment, cash sales, and cash purchases.	Chalk and talk method

Dr. M Devilan M.Sc. M.M.A.M. Principal Sarada Vilas College, Krishmanurthynuram, Myaar

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Ile No. 3: cation and tion of Assets iabilities le No. 4: any Audit and of other	Position of an auditor as regards the valuation of assets- Verification and Valuation of different items of Assets- Land and Building, Plant and Machinery, Goodwill, Investments, Stock in Trade. Liabilities-Bills payable, Sundry Creditors and Contingent liabilities Plant and Machinery, Goodwill, Investments, Stock in Trade. Liabilities-Bills payable, Sundry Creditors and Contingent liabilities	
any Audit and of other	Trade. Liabilities-Bills payable, Sundry Creditors and Contingent liabilities Company Auditor: appointment, Qualification, powers, duties and liabilities, professional ethics of an auditor.	method teaching Chalk and talk
any Audit and of other	duties and liabilities, professional ethics of an auditor.	
.5.		
	Audit Procedure of NGOs - Charitable institutions - Educational institutions – Government – Local Bodies – Cooperative societies – hotels – hospitals – clubs & Banks	Chalk and talk method
		Chalk and talk method Chalk and talk
	2	method
&	Introduction – Meaning – Elements of audit report – Types of audit report - Independent Auditor's report and their illustration; Professional Ethics: Code of Ethics - Professional Accountants in Public practices and business – Fundamental Principles of Professional Ethics.	Chalk and talk method
	Accommunity to a more practices and but received	vl ds re tal. eretta
i	le 5: Audit & sional Ethics	Ie 5: Audit       Introduction – Meaning – Elements of audit report –         X       Types of audit report - Independent Auditor's report and their illustration; Professional Ethics: Code of Ethics -         Professional Accountants in Public practices and business – Fundamental Principles of Professional Ethics.         Professional I thics, Code of I dries - Professional

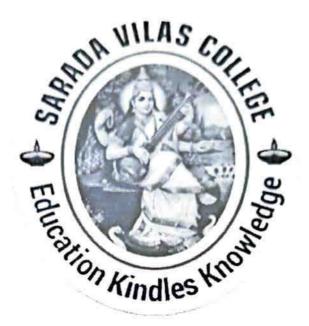
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# SARADA VILAS COLLEGE Krishnamurthypuram, Mysuru



# DEPARTMENT OF PHYSICS

### WORK DIARY

## ODD SEMESTER-2023-2024

# SUGANTHI S SINGH

**ASSOCIATE PROFESSOR & HEAD** 

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						COLLEGE	ĩ			
						YEAR 2023-				
				104204200000000		A 770504 (2034.070)	24			
C HEAC N			D (		CIVIENT O	PHISICS				
Day	8.30 AM - 9.30 AM	, Associat 9.30 AM - 10.30 AM	e Professo 10.30 AM -11.30 AM	11.30 AM -12.30 PM	12.30 PM -1.30 PM	1.30 PM - 2.00 PM	2.00 PM - 3.00 PM	3.00 PM - 4.00 PM	4.00 PM - 5.00 PM	5.0 PM 6.0 PM
MON			V SEM - SSS (R3)							757725
							< III SE	M LAB (P/M	I) - SSS + MRP	2HR>
TUE			V SEM - SSS (R3)			LUNCH BREAK	<> (PM/PC/PCs) SSS + MRP			
WED				V SEM - SSS (R3)						
тни				I SEM - SSS (R5)			۲	Cardina and Cardina	M LAB (s) SSS (2HR)	>
FRI		4		III SEM - SSS (R4)			<		VI LAB SSS + DCG	>
SAT			III SEM - SSS (R5)				Theory Practical Total -	- 14		

Faculty Signature

HOD Signature

Principal

Suganthi S Singh M.Se, M.Phil Head of Physics Department

Sarada Vilas College, Mysuru

### TEACHING PLAN FOR THE YEAR 2023- ODD SEM

#### I – SEMESTER

### Title of the paper: MECHANICS AND PROPERTIES OF MATTER

### **VISCOCITY AND SURFACE TENSION UNIT - 4**

MONTH	HOURS	PORTIONS TO BE COVERED
AUGUST		College respond for
August		odd Semestie. Syllabus distribution
SEPTEMBER	04	Surface Tension : Definition of surface Tension Surface energy, ulation
		between nuifare Tension an rufare energy,
OCTOBER	04	pressure differme avon curved subjace example
		excers pressure inside appenical liquid drop, angle of contact. Visconity = streamline fle
NOVEMBER	05	Tubulent Flour, copulia
		of Co-efficient of Vinonity by Poinulle's method, Stoke
DECEMBER	50	method. Numerical problems. Discussion 9 model avocation paper. & previous question paper

Sugartht. S. Sing

reipal Pri burada ada Vilei Collega Mysoze-570004

## TEACHING PLAN FOR THE YEAR 2023-ODD SEM

#### III - SEMESTER

PORTIONS TO BE COVERED

College respond tor odd currente. Discussion

Oncillations hi nacious Flames with equal & unequal frighteners Unesof Linsajous figures

Title of the paper: WAVE MOTION AND OPTICS

MONTH

AUGUST Collige Report

WAVES AND SUPERPOSITION OF HARMONIC WAVES UNIT-1

HOURS

#### TEACHING PLAN FOR THE YEAR 2023- ODD SEM

#### III - SEMESTER

Title of the paper: WAVE MOTION AND OPTICS

#### NATURE OF LIGHT AND INTERFERENCE UNIT-3

IS TO BE COVERED	MONTH	HOURS	PORTIONS TO BE COVERED
spend for rtu. Discurion	AUGUST Cellinge Responsed		College suspend for odd cemester. Discussion
tion of Syllabus	on 31st & Aigut 2023		Le distribution of syllabos nature of light
huical waves. I & Transverse utuinties ] leave	SEPTEMBER	04	To determine coardingth of light, distances and shape uning michabon interferent
a progration, wave 5 equation, wave Differntial			The Corpus cular model of light The come model - Maxwells
dation bet them	OCTOBER	04	electromogratic works, worke Buticle Duality.
of programine			Interference of light by divi I wave Front: Huggering theory-Concept of wave-fund
d Sound Laplaces Derivation).Br=t Ripply & Crawing	NOVEMBER	05	interference pattern produced on the negleco of water - Cohuence - Interference of Light waves by divinion
Ripply & Crowity priton of Hamburgh superposition Principle			of waves front - You ry's down dit experiment - duration
encies & diff. fug experition of two as Harmanic	DECEMBER	02	of expression of fringe widt Thomas Biprisian integran Interference of light by divi of Amphiliade : Interference by
incapily Figures uncapily friguency ijous figures		1	a plane parallel selm illuminati by a plane wave - interferen by a film with the run-parall upleting neutraces. Neutons ni
1	77 Sugati S.S.	A.	Printing Instant College Prince

#### & distribution of Syllabus on 31 of Acquid 2023 wayes: Plane & Spherical Waves. Longitudinal & Transverse SEPTEMBER 04 waves characturities & litere motion, plane programine usive and its equation, wave Equation - Differnial burn, Particle, and wave OCTOBER velocition. Relation bet them 04 Energy Tramport. Bypresson for intensity of progressive wave, Newton's formula for velocity of sound laplaces NOVEMBER Conection (Derivation). Brief 05 account of Ripple & Cravity himeouty & superportion principle superportion of two allinear exceptions having DECEMBER equal frequencies 4 diff. Freq. 50 (Beats) . superpention of two perpendicular Harmanie

Sugarti, S.

### TEACHING PLAN FOR THE YEAR 2023- ODD SEM

#### V-SEMESTER

# Title of the paper: CLASSICAL MECHANICS & QUANTUM MECHANICS PAPER -5

#### INTRODUCTION TO QUANTUM MECHANICS - UNIT 3

MONTH	HOURS	PORTIONS TO BE COVERED
AUGUST		College Reopened Jor odd amentu. Discursion
on 31st of August 2023		2 distribution of Syllabus Introduction to Quantum Mala
SEPTEMBER	04	Brief directorion on failures of classical physics to explain black body radiation, photo electric effect
		Expussion for Comption shift matter waves : De Broglie
OCTOBER	04	hypothesis of matter annes, Electron microscope, usarre description of particles by war
		and relation between them Experimental evidence for
NOVEMBER	05	matter waves: Davimon - acimu experiment, a. P. Thumon's experiment of uts algorificances
		Heinenberg uncustainty potre Elimentary proof of Heinenberg relation between momentum
DECEMBER	02	k porition erwy & time ong momentum & angular ponties illustration of uncutainity

# microscope through exercised. Distruction of electron at a ringh two dit expt. with photons & dalum

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Lestraia Vilanda

#### TEACHING PLAN FOR THE YEAR 2023- ODD SEM

#### V - SEMESTER

#### Title of the paper: CLASSICAL MECHANICS & QUANTUM MECHANICS PAPER -5

## INTRODUCTION TO QUANTUM MECHANICS - UNIT 4 : Foundation of Quantum

0.

MONTH	HOURS	PORTIONS TO BE COVERED
AUGUST College Reopend		College Ruspered for odd semester. Discussio,
n 31st of lugarst 2023		2 distribution of Syllabu Propabilistic interpretation
SEPTEMBER	04	of the wave Function - name lesation & outro gonality of Wave Functions, Administration
		Conditionson a wave turitin Schradingu eg. for File paile in one & They diministra
OCTOBER	04	time dependent à time - independent wave equalme
		Probability current dennite eq. of centennity & its physic significant, Particulate of Quart
NOVEMBER	05	nectorio: Stati as reviralized universitations. Dynamical variables as Unia territian operators, Expectation roly
		of operators & their time could Ehren Fost theorem Eigen full commentation brackt using peril
DECEMBER	02	Particle in one dimensional infially potential add, particle in a finite potential hell. Transmission acons a potential
	ĩ	barrier, the turned offert

Sanada Valas Collegfer in exped

Sugati . S. S

# TEACHING PLAN FOR THE YEAR 2023- ODD SEM

#### V-SEMESTER

Title of the paper: ELEMENTS OF ATOMIC, MOLECULAR & LASER PHYSICS PAPER -6

Supartsi. S. S. ryh

INTRODUCTION TO QUANTUM MECHANIST	INTRODUCTION TO	QUANTUM MECHANICS - UNIT 1
-----------------------------------	-----------------	----------------------------

11: Basic Atomic Modula

MONTH	HOURS	PORTIONS TO BE COVERED
AUGUST College Regrand		Collige Riopened for odd Semitu. Discussion &
Om 31St August - Jon odd Servidu		distribution of Syllabus.
SEPTEMBER	04	Thomson's atomic Model: Rutherford atomic model - Mod Theory of alpha particle acatt
-		Ruthubord Scattering formul Bohr atomic model portulat Derivation of expression
OCTOBER	04	Origin of the Spectral Lines,
		spectral neries of hydrogen alon; Effect of nuclear mation
NOVEMBER	05	on atomic opertia - derivatio Ritz Combination principle Correspondence principle
		cutical potential - Cutic and potential, excitation potenti
DECEMBER	62	Lionination potential; Aton excitation & its typen, From Hetz experiment; Sommerful
	¢.	atomic model - model, elliptic ovbit

#### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME		ACTIVITY
MONDAY	10-10-30 am	vitsem	i Ewonicidianic Uronte
04/09/23	11-30 - 1-30 gm	3rd Sem	maller up at a min
TUESDAY	10 - 10-30 am	Vtk Sem	Curricidan : work
	11.30 - 1.30 pm	with sem	
05/09/23	,		
WEDNESDAY	10-11-30 am		Adminion work
	12-30 - 1-30 pm		
06/09/23	2-5pm		
THURSDAY	10 - 11 - 30 am		
97 M	12.30 - 1.30 pm		Adminsion Work
07/09/23	8		
FRIDAY	10-11-30 am		
N. 15	12.30 -1.30pm		Adminston Work
08/09/23			
SATURDAY	10 - 10 - 30 am		
09/09/23	11-30 - 1-30 pm		Adminution work

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

Faculty cg/og/23

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Head of the department 09/09/23

Principal

Sarada Vil e. College Mysore-570004

rineipal Frincipal Sarada Vilas Colleg

# DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER 2023 - 24

# Odd semester commenced from 31st AUGUST 2023

### Suganthi S Singh

DATE & DAY	TIME	CLASS	PORTION COVERED
31/08/23 THURSDAY	io to Spm		Reopening of College
			For Conduct of odd Sements
			Muting with Principal.
01/09/23 FRIDAY	to to spm		Department Meeting
			segarding time table &
			distribution of write.
02/09/23 SATURDAY	to to 1.30pm		setting up of difth Sem
			Nep Jabaratery.

Faculty

Dugenti, S.S. Head of the department 02/09/23

10 Principal

Principal Sarada Vilas Cellego Mysore-570001

### SARADA VILAS COLLEGE, MYSORE

### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023 - 24

### Odd semester commenced from 31st August 2023

and the second se	TIME	CLASS	PORTION COVERED
MONDAY 04/09/23	10.30-11-30an	vtksem	Failures of classical Phy-
	2-5 pm	3rd Sem	
TUESDAY 05/09/23	10.30 - 11.30 am	vth Sem	
	2-5 pm	Vit Sem	along with decivation Setting up of 5th Sem Lab
WEDNESDAY 06/09/23	11-30 -12.30pm	vth Sem	De Broglie hypothesis
			of matter waves
THURSDAY 07/09/23	11-30-12-30gm		Surface Tension & Surfac
	266 pm	vit Sem	Energy describtion Setting up of 5th Sem Lab
FRIDAY 08/09/23	11:30to 12:30 pm	3rd Sem	Michelson interfusanti
	265pm	st sem -	setting up of 1st sem lab.
ATURDAY 09/09/23	10-30 to11-30am :	3 rd sem	The Corpus cular model of light-wave model

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## DEPARTMENT OF PHYSICS

## WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10 + 10-30 ang	Adminion Committees
11/09/23	11-30 6 1-39/17	worte
TUESDAY	10-10-30 am	Adminion Conmittue
12/09/23	11-30 to 1-30 por	work
WEDNESDAY	10 to 10:360m	Adminzion Committee
50923	2 to 5-30 pm	CUBY!-
THURSDAY	10 - 11-30 am	Adminion Committee
14/09/23	12-30 to 1-30pm	work
FRIDAY	10 to 11-300m	Adminsion Committee
15/09/23	12.30 to 1.30pm	work
SATURDAY	10 to 10-30 pm	Adminion Committee
16/09/23	11-30 - 1-30pm	work

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

Sugartiti Faculty 1409/23

Scenth S. S.M Head of the department

Principal

Principal Barada Vilas Collega - Mysore-57000-

SARADA VILAS COLLEGE, MYSORE

### DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023 - 24

# Odd semester commenced from 31st August 2023

10:30 to 11:30 am	Vth Sem	Wave Partets, group
	V# Sem	Wave Parkt
216		The Inductory and the
		Velocity and Phago velo it.
2606pm	3rd Sem	Lab Work Conducted
10:30 to 11:30 cum	v H Sem	Davioson - Germer
		experiment Completed.
266 pm	VthSem	C.P. Thomson's experime
11.30 to 1730pm	uth sem	G.P. Thomson's experiment
		Completed & its nigridica
		1
11-30 to 12-30 pm	ist sem	Relation between Surface
		tension and Surface energy
266 pm	yth Sem	Lob work Conducted
100 C		Maxwells electromagneti
		wave - wave Particle Duality
2 to 6 pm	ist Sem	hab work Conducted
		Huygens theory - Concept
	2 to 6 pm 11:30 to 12:30 pm 11:30 to 12:30 pm 2 to 6 pm 1:30 to 12:30 pm 2 to 6 pm	2 to 6 pm vth Sem 11-30 to 17-30 pm vth Sem 11-30 to 12-30 pm 1St Sem 2 to 6 pm vth Sem 2 to 6 pm 1St Sem 2 to 6 pm 1St Sem

Head of the department

Ser. N. di Ye Masar 55000 Te

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Faculty

16 09 23

# DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

UGANTHI . S. SI	NGH College related wo	ACTIVITY
DATE & DAY	TIME	Discipline Committee
MONDAY	10 to 10-30 am	Discoperine
19/03/23	11-30 - 1-30 pm	the committee
TUESDAY	to b to 3cam	Discipline Committee
1q/09/23	1130 to 1-30pm	
WEDNESDAY	10 to 10.30am	Discipline Committee
20/09/23	2 to 5 pm	
THURSDAY	10 to 11:30 am 12:30 to 1:30pm	Discipline Committee
FRIDAY	10 to 10-30 am	Discipline Committee
22/09/23	12:30 to 11:30 pm	
SATURDAY 23/09/23	10 be 10 300m	Discipline annitte

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

Faculty

S. S. y 33)cq/23 Head of the department 23)cq/23

Principal

Principal Sarada Valas Colli

### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023 - 24

## Odd semester commenced from 31st August 2023

nittee	BACINIC AN	TIME		
illie	MONDAY		CLASS	PORTION COVERED
	18/09/23	10.30 -11.30	VSen	Heisenbergs Uncutainity
atte		2-5 pm	, 3rd Sen	Principle - ulation bot momente
<u>NEVILO</u>	TUESDAY 19/09/23	10.30-11.30	v Sem	Heinenberg's relation bet
				energy stime; angular
nitter		2-5pm	yth Sen Lab	Lab work Conducted.
	WEDNESDAY 20/09/23	11-30-12-30	Nth Sem	Cramma Ray microscope
nitte				Diffusction of electure at
	THURSDAY			a night plit, why election
nittee	21/09/23	11.30-12.30	1 st Sem	Pressure difference
			-	acions curved nuface.
mitte		2 to Spm	Vth Sem	Lab work conducted
	FRIDAY 22/09/23	11-30 - 12:30	3 ^{1d} Sem	Intuference pattern
us ration of	-			produced on renjace of nature
	C 4 70 10 10 10 10	2 to Spm	1 St Sem	Lab work Conducted
row	SATURDAY 23/09/23	0.30-11-30	3 rd Sem	Interference of light waves
Principal				by division of more front - Young's double nut capt.

Sanda Vi.... College March Sintal

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#### DEPARTMENT OF PHYSICS

## WORK DIARY - ODD SEMESTER - 2023 - 24

## Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 25/09/23	10-30-11-30	ut sem	in the second
			Linear reperposition principle
	2 to Spm	3rd Sen	
TUESDAY 26/09/23	10-30-11-30	NHX SEN	01
	2 to spm	v th Sem	
WEDNESDAY 27/09/23	11-30 -12-30	NH Sem	hab work Conducted Probabilistic interpretation of
			the wave function - normalization
-			& orthogenality of unic functi
THURSDAY 28/09/23	11-30 - 12-30	1st sem	excars pressure inside
			aphenical liquid deep.
	2 to spm	with Sem	Lab Work Conducted
FRIDAY 29/09/23	11.30-12.30	3 rd Sem	Freshed Biorian Amount
			Fresnel Bipriom expression Interference with white light
	2 to 5 pm	1st Sem	Lab work Conducted
ATURDAY 30/09/23	10:30 - 11- 30	3 rd Sem	Intufernee by division of
yorthei 5 5			amplitude

Foundty 30/9/23

Head of the department

Principal

Control and College 14-14 (Second College 14-14)

DATE & DAY	TIME	New experiment
MONDAY	10-10-30	OPA NET
04/09/23	11-30 -1-30	lab redung
TUESDAY	10-10-30	New experiments as per NEP of Poper-5
05/09/23	11-30 - 1-30	continued.
		NEP-Poper 5 neut
WEDNESDAY	10-11-30	Exocumente auting
06/09/23	2-5 pm	Computed
THURSDAY	10 - 11-30	NEP- Paper - 6 peut experiments netting
07/09/23	12-30 -1-30	experiments rection J
FRIDAY	10-11-30	Continuation of
08/09/23	12:30 -1:30	rutting
SATURDAY	10 - 10 - 30	Completed Paper - 6
09/09/23	11-30 - 1-30	new experiment
	the second	neutra .

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

ACTIVITY

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

Faculty 09/09/23

SUGANTHI . S. SINGH

Head of the department 09/09/23

Principal

Principal Sarada Vilas Colh Mysone-570001

#### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023 - 24

## Odd semester commenced from 31" August 2023

DATE & DAY MONDAY	TIME	CLASS	PORTION COVERED
25/04/23	10-30-11-30	vik Sem	
			wave function-Schudinger ex
	2 to spm	3 the sem	Lab Work Conducted
TUESDAY 26/09/23	10-30 - 11-30	vik Sem	Schodinal wave equation
			For a five particle in one and these dimension - time-
	2 to Spm	Vtk Sem	Lab Work Conducted
WEDNESDAY 27/09/23	11-30-12-30	vH sem	Schuddings time
			independent wave equation
THURSDAY			
28/09/23	11:30-12:30		stream line flow and
	sort want to	1	Turbulent flow with examp
	2 to spm	vth Sem	Lab Work Conducted
FRIDAY 29/09/23	11-30 to 12.30	3rd sem 3	
		6	Intufaures of a plane availed Silm Unimination by a plane wave
	2 to spm	1 St Sem	hab work Conducted
SATURDAY	10.20 1120		Entuference by a film
30/09/23	10-30 - 1130	3	with two pon-parallel reflection

4 2

Principal Submit Villes Coffege Mysore-570004

TIME DATE & DAY 10-10-30 MONDAY Aprintance to Principal 25/09/23 11-30 -1-30 Propagation of final Yeal 10-10:30 TUESDAY 11-30 -1-30 26 0 3 Preparation of notice WEDNESDAY 10-11-30 12-30-1:30 27 09 23 2-5pm 10-11:30 THURSDAY work Cullinam 12.30 -1:30 25 09 23 10 -11:30 FRIDAY amiculam Work 12-30 -1-30 29 09 23 10-10-30 SATURDAY Work Curiculam 11 30 - 1:30 30/09/23

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

ACTIVITY

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

Faculty 30/09/23

SUGANTHI . S. SINGH

Head of the department 30/09/23



Principal Sarada Vilas Collei Mysone-570004

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# DEPARTMENT OF PHYSICS

WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

		ACTIVITY
DATE & DAY	TIME	
	2007 CONTRACTOR (MC)	Committee week
MONDAY	(c - 10 -30	
65 3139	11-30 -1-30	
TUESDAY	10-10-30	Committee wark
	11-30 - 1-30	Committee Corrie
c 3 10 23		
WEDNESDAY	10 - 11-30	Agrications to Principal
	12-30 -1:30	
65 0 40	2 - 5 pm	
THURSDAY	10-11:30	Committee Work
	12-30 - 1-30	
C5 C 23		
FRIDAY	10 -11-30	Arrintance to Principal
	12.30 -1-30	
66/10/23		
SATURDAY	15-15-30	
07/10/23	11 30 -1:30	Committee work

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

Swacht Faculty 07/10/23

CUCANTUL & SINGH

woatti Head of the department csloilto

Principal

Principal Security Villa Coroj \$1:5005-570004

185

## SARADA VILAS COLLEGE, MYSORE

### DEPARTMENT OF PHYSICS

## WORK DIARY - ODD SEMESTER - 2023 - 24

# Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION CONTRACT
MONDAY 02/10/23	10-30-11-30	vth Sem	Portion covered Probability current density eq. of continuity & its
	2ts som	3rd sem	Physical nigrificance.
TUESDAY 03/10/23	10-30 -11:30	yth Sem	in the second of the second of the second se
		N. Sem	Pertudates of Quartum Mechanics. States of normalized unwersubaten
WEDNESDAY	2 to Spm	vet Sem	Lab Work Conducted
04/10/23	11.30 -12.30	Vtk Sem	
			Heimitian operator ( Ponition
THURSDAY		1.2	momentum angular momentum
05/10/23	11-30-12-30	1 st Sem	equation of antinuition
		N th Sem	with derivation & example.
FRIDAY 06/10/23	2 to 5 pm	1	Lab Work Conducted.
	2 to spm	1 st sem	Colour of this films.
		1 Jem	Lab work Conducted
ATURDAY 07/10/23	10-30 to 11-30	3rd Sem	Newton's sing (Reflected
			light) Derivation

Head of the department

Principal

 $\begin{array}{c} \sim \underset{M_{1} = x}{\operatorname{Principal}} \\ \sim \underset{M_{2} = x}{\operatorname{Principal}} \\ \underset{M_{2} = x}{\operatorname{Principal}} \end{array}$ 

# DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

UGANTHI . S. SI	Concerning Concerning	ACTIVITY
DATE & DAY	TIME	10/17/2001/2014
MONDAY 04/09/23	10 - 10-30	Committee Work
	11-30 - 1-30	
TUESDAY 05/09/23	10 - 10-30	Adriatores to Principa
	11 30 - 1-30	
WEDNESDAY 06/09/23	10 - 11 - 30	New experiment Lab of Cycle - 2
06/03/23	12.30-1-3 C 2.50 Spm	0
THURSDAY 07/09/23	10-11-30	Committe work
	12-30-130	
FRIDAY 08/09/23	10 - 11/30	culledam work
08/03/23	15+30-1-30	
SATURDAY 09/09/23	10-10-30	Committee work
	11-30-1-30	

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

Faculty 09/09/

Head of the department 09/09/23

Ka Principal

Principal Sarada Vilas Colley Mysore-570004

SARADA VILAS COLLEGE, MYSORE

### DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023 - 24

# Odd semester commenced from 31" August 2023

TIME	CLASS	No sector and the sec
	0033	PORTION COVERED
10.30 to 11.30	vtk Sem	Expectation values of operations and their time
		evolution
2 to Spm	3rd Sem	Lab Work Conducted.
10-30 to 11-30	vitser	Ehrenjest theorem with
		examples.
2ta Spm	vtk Sem	Lab Work Conducted
11.30 - 12.30	v H Sem	Commutator bracket usin
		ponition, momentum and
		angular momentum operator
11.30-12.30	1st Sem	Determinette à comis
		Determination of Co-efficie of Vinconity of Poinvilles
2 to Spm	vth sem	Loub Work Conducted
11-30 to 12-30		
		Newton's Rings-duivation
2 to Spm		Lab Work Conducted
		Determination of wowsland of light by Michilson's method
	10:30 to 11:30 2 to Spm 10:30 to 11:30 2 to Spm 11:30-12:30 2 to Spm	Imme         CLASS           10:30 to 11:30         Vitt Sem           2 to Spm         3 rd Sem           10:30 to 11:30         Vitt Sem           2 to Spm         3 rd Sem           10:30 to 11:30         Vitt Sem           10:30 to 12:30         Vitt Sem           11:30 - 12:30         Vitt Sem           2 to Spm         Vitt Sem           11:30 - 12:30         Vitt Sem           11:30 - 12:30         Vitt Sem           2 to Spm         Vitt Sem           2 to Spm         15 th Sem           2 to Spm         15 th Sem

Faculty 14/10/23

Head of the department 123

vincipa

Stand Viley Ober

186

#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 16/10/23	10.30-11-30am	V Sem	Particle in a one - dimensiona
			infinite potential well
	2-Spm	3 rd Sem	Lab work Conducted.
TUESDAY 17/10/23	10-30-11-30	I Sem	Transmission across a
11/10/20			potential barrier, the turned
	2-5 pm	V Sem	Lab work Conducted
WEDNESDAY 18/10/23	11-30 - 12-30	N Sem	Scanning tunnelling microsce
			One dimensional simple
			houmanie ascillater.
THURSDAY 19/10/23	11-30 -12-30	1 st sem	stoke's method duivale
			Completed with write
	2 - 5 pm	V Sem	
FRIDAY 20/10/23	11-30-12-30	3 rd Sem	Applied C.L.
	2 to spm	1 st Sem	
SATURDAY 21/10/23	10-30-11-30am	3 ^{vd} Sem	Applied cz

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Faculty 21/10/23 Head of the dependent

Principal

Barrel 2011 25 M. Myrano Schidar

SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY - ODD SEMESTER - 2023

College related work other than teaching - 20 hours

UGANTHI . S. S	NGH College related wor	ACTIVITY
DATE & DAY	TIME	
MONDAY	10-10-30	Committee work
16/10/23	11-30 -1-30	
TUESDAY	10-10-30	Committee Work
17/10/23	11-30-1-30	
WEDNESDAY	10-14-30	curricular work
18   10   23	12.50-1.30 2 to 5pm	Constant Constant
THURSDAY	10-11-30	Curricular Way
19/10/23	12.30-1.30	
FRIDAY	10-11.30	Amintony to Principal
20/10/23	12-30-1-30	
SATURDAY	10-10-30	
21/10/23	1/30-1-30	Committee work

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

Faculty

Head of the department 28/10/23

Principal Principal Sarada Vilas Colle Myscre-570095

#### DEPARTMENT OF PHYSICS

WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31" August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 23/10/23	10-30 - 11-30		Concept of zero point energy
	2-5 pm	3 rd Sem	Completed two units of Poper - 5 Lab work Conducted
TUESDAY 24/10/23	10-30 - 11- 30	V-sem	Commenced Paper-6
			Themson's atem model &
	2-5	<u>▼</u> -&m	Lab Work Conducted
WEDNESDAY 25/10/23	11.30 - 12.30	I -Sem	Theory of alpha particl
			neattering
THURSDAY 26/10/23	11-30 -12-30	∑ - Sem	Rutherfold's scatter
			formula
	5-2	⊻-Sem	Lab work Conducted
FRIDAY 27/10/23	11-30 - 12-30	3rd sen	Plane & apherical wa
			explanation with examp
	5-2 bw	1st Sem	Lab Work Conducted
SATURDAY 28/10/23	10-30 -11-30	3rd Ser	, Longitudinal 2, Transve
	and a summary summary	_	Wards,

# SARADA VILAS COLLEGE, MYSORE

DEPARTMENT OF PHYSICS

WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

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		ACTIVITY
DATE & DAY	TIME	ACT.
MONDAY	10 - 10 30	Committee work
53/10/53	11-30 - 1-30	
TUESDAY	10-10-30	Committee work
24/10/23	1130 -130	
WEDNESDAY	10 - 11:30	Curiculam Work
25/10/23	2-5	
THURSDAY	10 - 11 30	curiculam work
25/00/23	12:30 - 1 30	
FRIDAY	10 - 11-30	Amintance to Principa
27/10/23	12-30 -130	
SATURDAY	10-10-30	Committee work
28/10/23	11 30 - 1 - 3 0	

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

Faculty

Head of the department. 28/10/23

Principal

Principal Sarada Vitas College Myuore-S70003 188

y zeliolas aulty

Head of the department

Principal

Frincips? Earst: Vilas Codlega Meters 52004

#### DEPARTMENT OF PHYSICS

WORK DIARY - ODD SEMESTER - 2023 - 24

### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 23/10/23	10-30 - 11-30	I Sem	
			Completed two units of Paper - 5
	2 - 5 pm	3 rd Sem	Lob work Conducted
TUESDAY 24/10/23	10.30 - 11.30	V-sem	Commenced Poper-6
			Thomson's atom model &
	2-5	₹-£m	Lob Work Conducted
WEDNESDAY 25/10/23	11-30 - 12:30	I -Sem	Theory of alpha particle
			reattering
			2
THURSDAY 26/10/23	11-30 -12-30	¥-Sem	Rutherfold's scattering
20/10/20			formula
	2 - 5	⊻-Sem	Lob work Conducted.
FRIDAY 27/10/23	11-30 - 12:30	3rd Sen	Plane & repherical was
27/20/22			explanation with example
	2-5 pm	ist Ser	// Kesses
SATURDAY 28/10/23	10.30-11.30	3rd Ser	n Longitudinal & Transver Warros.
28/10/23			
busso	1 2	statter - S	Sinde 2.5/10/23 Avincip
the second	Head	of the d	upoutment (Mincip
28	1023		Suzada Vites ( Mesoue-520

### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023

#### SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10 - 10:30	Committee work
23/10/23	11-30 -1-30	
TUESDAY	10-10-30	Committee work
24/10/23	11 30 -1-30	
WEDNESDAY	10 - 11-30	Curicular Work
25/10/23	2-5	
THURSDAY	10-11-30	culicular Work
26/10/23	12-30-1:30	
FRIDAY	10 - 11-30	Amintonee to Principa
27/10/23	12-30 -1-30	
SATURDAY	10-10-30	Committee work
28/10/23	11-30-1-30	

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

Faculty 2 28/10/23

Head of the department

n. Principal

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Principal Sanata Vilas College Mysore-570004

## DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

	ACTIVITY
TIME	11100000000000
10- 10-30	cumulan work
10 10 20	
11 30 -1 30	
10-10-30	Committee work
() 30 - 130	
10-11-30	Numerical Problems
12:30-1:30	preparation
orta spm	- N
10 - 11-30	Anzintanes to
	Principal
12:30 - 1-30	
14+11 30	curicular work
08-1- 96-51	
16-16-36	
1136-1130	curicular work
	10- 10-30 11-30-1-30 10-10-30 (1-30-1-30 10-11-30 10-11-30 3262 5 pm 10-11-30 12-30-1-30 12-30-1-30 12-30-1-30 12-30-1-30 12-30-1-30 12-30-1-30

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

Faculty 4/11/23

Head of the department Cali123

Principal

Principal Sarada Vilse, College Mysore-570004

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### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023 - 24

### Odd semester commenced from 31" August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 30/10/23			Applied C.L.
TUESDAY 31/10/23	10-30 - 11-30	5 th Sem	Bohr atomic Model - Portula
	5-2 bw	5 th Sem	Lab work Conducted
WEDNESDAY 01/11/23	11-30 -12-30	s ^{1k} Sem	Derivation of expression for radius, total energy
			of electron
THURSDAY 02/11/23	11-30 -12-30	1 St Sem	Nomerical Problemson Susface Tension.
	s - ≥ bw	sth Sem	Lab work Conduct
FRIDAY 03/11/23	11.30 6 12.30	3rd Sem	charactuistis of wave
	2 - 5 pm	1 st Sem	Lab Work Conductio
SATURDAY 04/11/23	10:30 -11:30	3rd Ser	Wave Equation - Differenti Join (derivation Compli

Frincipa

1 Principal Sarada Vilas Collego Mysore-570004

#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31st August 2023

ATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 06/11/23	10-30 - 11-30	sth Semi	Origin of Spectral Lines
			gentral nices of Hydrogen ater
	2 - Spm	3rd Sem	and the second sec
TUESDAY 07/11/23	10-30 -11-30	yth Sem	Effect of nuclear motion on
			atomic petra - derivation
	2 to Spm	yth sem	Lob work conducated
EDNESDAY			000 to altend
08/11/23			one day workshop on clamics
			Mechanico & Quantum Mechanico
THURSDAY			
09/11/23			First IA test Work
			A
FRIDAY 10/11/23			First IA test work
10/11/23			
		-	
SATURDAY 11/11/23	10.30 - 11.30	3Td Se	" Particle and wave velocity an overview
			i i i i i i i i i i i i i i i i i i i
thiss ultur -	the Hea	a d th	S.S. M. inites Pring
und II	111/23	0	Direct
			Senida Vil. Mysore-5

# SARADA VILAS COLLEGE, MYSORE

# DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

# College related work other than teaching - 20 hours

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SUGANTHI . S. SINGH

		ACTIVITY
DATE & DAY	TIME	IA subatich work
MONDAY	10 - 10.30	3-11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
16/11/23	11-30 - 130	TA subated work
TUESDAY	10-10-30	IA sulated work
07/11/23	11/30-130	
WEDNESDAY	10 - 11 - 30	If substed work
es 11 23	2-5 pm	
THURSDAY	10-11-30	IA rulated work
09/11/23	12-30 - 1-30	
FRIDAY	0 5 - 11 - 3 O	IA subatio work
10/11/23	12+34 -1-30	
SATURDAY	10 - 10/30	IA substic Work
11/11/23	1130 -130	

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

Faculty Ulula

Head of the department

Principal

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Principal Sarada Vilas College Mycone-570004

## DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10-10-30	IA sulated work
13/11/23	11-30 - 1-30	
TUESDAY	1030 -10.30	IA rulated work
14/11/23	11-30 - 1-30	
WEDNESDAY	10 - 11-30	IA subdid Work
15/11/23	2 - 5pm	TH STUDIES WORK
THURSDAY	10-11-30	IA subster work
16/11/23	12-30 - 1-30	TH 200 ON MONTE
FRIDAY	10 -11 30	C, Valuation
17/11/23	12-30 - 1-30	
SATURDAY	10-10-30	c, Valuation
18/11/23	11-30-1-30	

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

2. idraput Faculty 18/11/23

Contractor and the second second

W. S.S. Altra Head of the department

Car Principal

Frincipal Sarada Vilas Cellege Mysore-570004

### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 13/11/23	10-30-11-30	vtt scm	Ritz Combination Principle
			Courrondence principle
	2 to Spm	3rd Sem	Lab Work Conducted
TUESDAY 14/11/23	10-30 - 11-30	s th Sem	cutical Potential, excitation
			potentical and ionisation potent
	2-5 pm	5 th Sem	Lab Work Conducted
WEDNESDAY 15/11/23	11-30 - 12-30	s th Sem	Alamic excitation and its
			types-Franck-Heilz
			experiment completed
THURSDAY 16/11/23	11-30 -12-30	1 St Scm	Numerical problems
			on Vincontry done.
	2 to 5 pm	sth Sem	Lab Work Conducted
FRIDAY 17/11/23	11.30 to 12.30	3rd Sem	Relation between particl
1// 1/			and wave velocity.
	2 to 5 pm	1 st Sem	Lab work Conductio
SATURDAY 18/11/23	10:30-11:30	3rd Sem	Energy Transport - Expression
gatti.S.S.S.	ingh H	Jung of bar	the department prince

pal College Myson S70004

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#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 20/11/23	10.30 -11.30	vtk sem	Semmenteld'a atomic
			model explanation given
	5-2 bu	3 rd Sem	Lob Work Completed
TUESDAY 21/11/23	10-30 -11-30	Vtk Sem	Derivation of Condition
			for allowed elliptical orbit
	2-5pm	vtk Sem	Lab work Completed
WEDNESDAY 22/11/23	11-20 - 12-30	vtk Sem	Normalical Problems
			of unit - 1 paper 6
			done
THURSDAY 23/11/23	11-30 - 12-30	1 St Sem	Nonuical problems
			on Visconity Continues
	2to Spm	5 th Sem	Lab Work Completed
FRIDAY 24/11/23	11-30 to 12:30	3rd Sem	Newton's formula for
			velocity of nourd. Laplace
	2ts Spm	1 st Sem	
SATURDAY 25/11/23	10-30-11-30	3 rd Sem	Brief account of Rippl
25/11/25	1		and gravity waves.

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Hoad of the department

incipa

Shoda Viles College Mysore-570004

SARADA VILAS COLLEGE, MYSORE

## DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

# College related work other than teaching - 20 hours

SUGANTHI . S. SINGH

ACTIVITY

DATE & DAY	TIME	Activity
MONDAY	10 - 10-30	IA markes terbulation
20/11/23	11-30 - 1-30	
TUESDAY	10-10-30	IA marks tarbulation
21/11/23	11:30 -1-30	
WEDNESDAY	10-11-30	Committee work
22/11/23	2-5pm	
THURSDAY	10-11-30	committee work
23/11/23	12-30-1-30	
FRIDAY	10 - 11-30	Ansistence to Principal
24/11/23	12-36 - 1-30	3411121200
SATURDAY	10-10-30	cunicular work
25/11/23	11-30 -1-30	

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

Head of the department

Principal Sarada Vilna Collega Mysore 570004

Principal

### DEPARTMENT OF PHYSICS

## WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10 - 10 - 30	committee work
MONDAT	10 - 10 - 50	
27/11/23	11:30 -1:30	
TUESDAY	10 - 10-30	Agrictance to
	A DESCRIPTION OF A DESCRIPTION	Principal
28/11/23	11 30 -1-30	
WEDNESDAY	10-11-30	committee work
	2 - 5 pm	
29 11 23	12-30 - 1-30	
THURSDAY	10 - 1130	Curicular work
30/11/23	12-30 - 130	
FRIDAY	10-11:30	Curricular Work
61/12/23	12-30-21-30	
SATURDAY	10-30	Numerical Proplem
62 12 23	11-30 - 1-30	preparation

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

02/12/

Head of the department 02/12/23

Principal

Principal Sarada Vila: Collect*1 Mysme - 20104

#### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 27/11/23			Attended one day National
			Seminiar on "Recent taunds
			in Mathematical Physics "
TUESDAY 28/11/23	10-30-11-30	v the Sem	Numerical problems
			of Paper - 5, unit - 2
	2-5 pm	V the Sem	Lob work Conductio
WEDNESDAY 29/11/23	11-30 - 12-30	vthSem	Numerical problems
			of Paper - 5, onil - 1
			Completed.
THURSDAY 30/11/23	11-30 -12-30	1st Sem	Numerical Problems
50/11/15			Continued.
	eto 5	Nth Sem	Lob work Conductio
FRIDAY 01/12/23	11-30 -12-30	3rd Sem	Linuarity & superposition
			Principle.
	2 - 5 pm	1stsem	Lab work Conducted
SATURDAY 02/12/23	10-30 -11-30	3 d Sem	Superponition of two
02/12/23		1.000	Collinear Onillations having equal Frequencies

 Brincipal Sauda Vilas College Norce 57009

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## DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

# College related work other than teaching - 20 hours

SUGANTHI . S. SINGH

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DATE & DAY	TIME	ACTIVITY
		C2 Valuation
MONDAY	10 - 10.30	C-C trouter
	11-30 -1-30	
00/12/23		
sted stress		Ce Valuation
TUESDAY	10 - 10-30	C 2 V Cocket C C
10000000	11-30 - 1-30	
02/12/23		
	10 - 11-30	Cz Valuation
WEDNESDAY		of throng script
66/12/23	15.30-1.30	t have to
	2-5 pm	
THURSDAY	10-11-30	Cz Valuation
	12-30 -1:30	
07/12/23		
FRIDAY	10-11-30	Ce Valuation
0.1110.00	12.30 - 1.30	
08/12/23		
SATURDAY	10-10-30	Co Valuation
09/12/23	§	

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

Faculty 04/12/23

A TALE OF A DE LA DE

Head of the department

Principal

Principal Sarada Vilas Collega] Mysere-10001

95

SARADA VILAS COLLEGE, MYSORE DEPARTMENT OF PHYSICS

#### WORK DIARY - ODD SEMESTER - 2023 - 24

#### Odd semester commenced from 31st August 2023

DATE & DAY	TIME	CLASS	PORTION COVERED
MONDAY 04/12/23	10-30 - 11-30	VIK Sem	Numerical Problems
			of Poper 5 - Unit: 2
	2-5pm	3rd Sem	Lab Work Conduction
TUESDAY 05/12/23	10-30 -11-30	5 H Sem	Numuical Problems
			of Paper - 5 - Unit: 2
	2-5 pm	s them	Lob work Conduction
WEDNESDAY 06/12/23	11-30-12-30	s the Sem	Numerical Problems
			of Paper - 5, unit 2 Complu
THURSDAY 07/12/23	11:30 -12:30	1St Sem	Numerical problem
UTTLE	1	1	Completed
	2 - 5 pm	5 th Sem	Lab Work Conduit
FRIDAY 08/12/23	11-30 -12-30	3rd Sem	Different frequencies
7.04 (10.4666)			(Beats) Analytical treatment
	ztospm	1 St Sem	Lab Work Conducted
SATURDAY 09/12/23	10:30 -11:30	3 vd Ser	Superprintion of two perpend
			Superprintion of two perpend Harmonic ascillate shinsay signes.
andti s.c	mal	Sugar	tis sighting the
aculty ;	4	Head a	the department princ

Principal Sanda Vice Cell Mente Jacia

### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10 - 10-30	
12 14		AGAR Criteria Work
11/12/23	11.30 - 1.30	
TUESDAY	10-10-30	
		ARAK Cutuia Work
8.18	11-30 -1-30	
25/51/51		
WEDNESDAY	10 - 11-30	ABAR Culturia work
13/12/23	12.30-1.30 2 to spm	
THURSDAY	10-11-30	ABAR Criteria work
WIESELOU	12-30-1-30	
14/12/23		
FRIDAY	10 -11-30	ABAR Criteria work
	12:30 - 1:30	
15/12/23		
SATURDAY	10-10-30	ABAR Cutura work
16/12/23	1130 -1-30	

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

Faculty 16/12

Head of the department.

0 Principal

Principal Sarada Viley College Mysone-22001

96

### SARADA VILAS COLLEGE, MYSORE

#### DEPARTMENT OF PHYSICS

### WORK DIARY - ODD SEMESTER - 2023 - 24

### Odd semester commenced from 31st August 2023

	TIME	CLASS	PORTION COVERED
MONDAY 11/12/23	10:30-11-30	ytk sem	Dictated possible two
			marks greations in Papers
	2-spm	3rd Sem	Lab Work Conducted
TUESDAY 12/12/23	10:30-11-30	sth Sem	Continued with two
			markes questions in Papers
	2-spm	s th sem	Lab Work Conducted
WEDNESDAY 13/12/23	11-30-12-30	sthsem	Completed the list of
			two marks in Paper-5
THURSDAY		et.	
14/12/23	11.30 -12.30	ist sem	Two marks questions Completed
	2-Spm	v ^{tk} Sem	Lab work Conducted.
FRIDAY		3rd sem	
15/12/23	11-30 - 12-30	s -cm	- d
			and unequal frequencies
	2 to Spm	1St Sem	, Loub Work Conducted
SATURDAY	10-30-11-30	3rd Sem	unes of himagicus fique

# DEPARTMENT OF PHYSICS

# WORK DIARY - ODD SEMESTER - 2023

SUGANTHI . S. SINGH

College related work other than teaching - 20 hours

DATE & DAY	TIME	ACTIVITY
MONDAY	10-10-30	Department c, & cz
18/12/23	11.30 - 1.30	marks of Paper - Supdation
TUESDAY	10-10.30	0
19/12/23	11.30 -1.30	Department c, & c2 marks of Paper - 6 updated
WEDNESDAY	10 - 11.30	Department C, & CZ
20/12/23	2-5	mortes of Papen - 3 updated
THURSDAY	10 - 11.30	Department IA mark
21/12/23		Department IA mark updated.
FRIDAY	10 - 11.30	Last working day of
22/12/23	12.30 -1.30	odd remester.
SATURDAY	10 - 10.30	odd remester Vacatio
23/12/23		

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

Faculty 23/1

Head of the department 23/12/23

Principal

 Principal
 Sarada Vilai Coll Mysaca-570101

# ಶಾರದಾ ವಿಲಾಸ ಕಾಲೇಜು

ಮೈಸೂರು `

# ಕನ್ನಡ ವಿಭಾಗ

ದಿನಚರಿ ಮಸ್ತಕ

2023-24

(Even Semesters)

ಡಾ ರೇಖಾ ಹೆಚ್.ಎಲ್.

ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

Day	9.30-10.30	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
MON								
TUE								
WED					LUNCH			
THU		IV KAN (R4)		(  KAN (R1)	BREAK	IV KAN (R1)		
FRU	II KAN (R1)		II KAN (R1)			IV KAN (R1)		
SAT		II KAN (R1)		IV KAN (R1)	]			

SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (EVEN SEMESTER)

ಡಾ. ಮೆಸ್ ಎರ್. ಕೇವಾ ಎಎ ಒಡ್, ಒಕ್ಕೂ ಮುಖ್ಯಸ್ಥರು ಕನ್ನಡ ಜ್ಯಾತಗ, ಪರದ ಬಿಡಾಸ ಪಾಲೇಸು ದ್ಯೆಸೂರು-670004

nou 2 Dr. M Devika M.Sc., M.Phil, Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuru

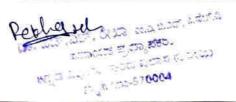
ಪಾಠ ಯೋಜನೆ 2023–2024 ಎರಡನೇ ಸೆಮಿಸ್ಟರ್

		1
ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
෯෭෭යන	12	الله هامه هرمانه المراجع مع ولي المراجع الم
ednes	15	තැන් ඉංහැයි බයාසින් බවුන්ව ප්රාවිත් වන්න බව මාෂා AO ක් විත්නා, බාංකා මා කිත් කියින් විත්නා, වියන විබේල වියන හේ හි සිදු.
مر المحال	14	ප්ත්රී කාහත් කාරී, කත්, පිළු ක්රීම මෙනි බංගේ, කැන්න් කි ඉත් හැනින්, ක්රීමේ - නිමැති
A.	11	- තිරුති පැනින්වා, විතුත් පාණි- - ත්රාති යාලා පින්ති පාණි ක්ෂා කරන් දින්නේ දී.

# ಪಾಠ ಯೋಜನೆ 2023-2024

ನಾಲ್ಕನೆ ಸೆಮಿಸ್ಟರ್

ತಿಂಗಳು	ಅವಧಿಗಳು	ಆವರಿಸಬೇಕಾದ ಪಠ್ಯಕ್ರಮ
වේතුවෙනී	12	र्टारा क्रियिन्द्र क्रियाक्र क्रिया क्रिया इन्हे हिल्का क्रिया के प्रदेश क्रिया भारो, 3,3000 मार मार्ट्य के मार्ट्य क्रिया
ন্যামি	15	5, 3000 000 to 200 000 000 000 000 0000 0000
"DBr	λų	23858 34423 Gran 234 2800000 Beiston worder 2847309, 63340, 3000 80000000000000000000000000000000
SL.	N	നാല കുരംപാത്ര, ലെംബും ഇന്റാപ്പ് പോല് ഇനുപ്പാലിയ,





# ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತಕ

ವಾರ/ಬಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
	1		12/02/24 000 2. 2334 Le St Dents 30x13 20 \$82012.
	10.30-11.30	IV Sem	Borne the fact the form abore
novand	12.20 -1.30	ILsem	2000 - Nav 3).
	2-3	IN sem	Le Le Ser sun to to to to the series and the series
	930-1030	I Sem	HOLE TOP SCARE STREES SUBJES
ಶುಕ್ರವಾರ	11.30-12.30	I Sem	معت معمد المحق المحق المحمد المعالية المحمد الم
16/02/24	2-3	I Seri	තිම කා විදේශ ' යන කර
	10.30-11.30	TT Yem	asod Logo England in Broken Broken
ತ್ರಾವಾಗ	10.50-11.50	0-11	Juperaus (istersford)
882200 17/02/24	12.30-1.30	TV Sem	1540-23-23 8 (2000 200 (200) (200)
ಗುರುವಾರ	10.30-11.30	I sem	අද්දයෝප් ෂාශ විස්තාව මණ දීදේ
22 02/24	12.30-1.30	I sem	Land the provent of the state o
	2-3	To seri	අද්යෝ, එක්සේ හිත්ව පිද්දේදි. කත්තු හැක කර්තික
ಶುಕ್ರವಾರ	40.30-10.30	T Sem	केन्द्र हेल किहादा दिन्द्र किर्टाल
23/02/24	11-20-12-20	JI Sem	क्र के के के कि कि के के कि कि के कि
	2 - 3	I sem	WE CARLE ESTAN . LED DE
550			हत्त्रहूट हिल्लु (QU) हिल्लु हिंद्रान्ड
ಶನಿವಾರ			bostor and and
210/02/210			20890 3883 800
			JOR & BREW BUY, COM.
			(en
Perher te	<u></u>	2	01 Principal Sarada Vilas College Krishnamurthypuran, Mysuru

## ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಸುಸ್ತಕ

ಸಮಯ	ತರಗತಿ	ಆವರಿಸಿರುವ ವಿಷಯಗಳು
10.30-1130	W sem	ないあのないろいをのしている、 (な)は、 ないなのないなの なったいのでの こので、 いないなんなり
12:30-1-30	I Sem	E at 5 we and the second of the second
2-3	IV Sent	25 20 20 20 20 20 20 20 20 20 20 20 20 20
9-30-10-20	I sem	లంజానర వరికియ, ఉచ్చ రాంత్రి అక్కర్గాక
11-30-12-30	I Sem	-රි.දු. හියයි යෙදු දෙහි
2-3	TE Ser	Strate and a subject to
10.30-11.30	ILsem	Auger and sources and the
1230-130	TO Sem	२३३,१११,११ में के स्टे के कि में देखें के कि
10.7	ST C	KS 200 कि क क क क क क क क क क क क क क क क क
		15000 Brosh Broker Brower Broker
2-3	I sen	Hay starre and its Ed
		.පාකලාප්තුනු කිපහත,
		FALO DE.
10:30-11:20	II sem	2520 2 Law Barger Barger
12:30-1.30	TV Sem	And states and with the states of a states and the
	1230-1.30 2-3 9.30-10.30 11.30-12.30 2-3 10.30-11.30 12.30-130 2-3 10.30-11.30 2-3	1230-1130 II Sem 2-3 IV Sem 9-30-1030 II Sem 11-30-1230 II Sem 2-3 IV Sem 10-30-1130 II Sem 10-30-1130 IV Sem 10-30-1130 IV Sem 2-3 IV Sem 10-30-1130 IV Sem 10-30-1130 IV Sem

### ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ಬಿನಚಲಿ ಸುಸ್ವಕ

ವಾರ/ಬಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಣಕ
ಗುರುವಾರ 15 þ2 24		+ කි සබාය නානුර ගානියේ හා හා නා. 21 කියීම් තුන් සම කර
ಶುಕ್ರವಾರ  602.24		1300000 (2007) A 390000 (2000) 400000000 (2000) 2000 (2000) 2000 (2000) 2000 (2000) 2000) 2000 (2000) 2000) 2000 (2000) 2000) 2000 (2000) 2000) 2000 (2000) 2000) 2000)
ಶನಿವಾರ  7/02/24	11.70-12.15	ट्यु मेस्ते, इन्द्रे स्वाध्यार्थ्य रुप्ते क्रि १४ हरी क्रिडेट्यायं, क्रिके रु भराई हा - ज्यह कार्यु स् (Maria) .
ಗುರುವಾರ 2202124		න්ෂසිබන 2003ජයේ ප්රිවාත්, පිත්ත්රු - කු ප්රේෂාවාජා .
නාජුබාර 23 ගැ.24		ස්දුල් සංකූය නොදෙනාගේ ප්රේන්ත තාද්ගෙනුණු ප්රේන්තු කිරේගෝන්න ප්රේකානයා.
ಶನಿವಾರ 2402/240		esseriality and a set our an serie and a set of the set

Pereba XL

ಪ್ರಾಂಧ್ರವಾಲರು

Perbane

## ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ಬಿನಚಲಿ ಸುಸ್ತಕ

ನಾರ/ಬಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವಲ್ಲಿಶಿರುವ ವಿಷಯಗಳು
	10.30-11.00	I sen	duy stare acous 5 \$
ಗುರುವಾರ	12.30 -1.30	IL Serp	ලිහාරිය් විස්නා විශානී ශ්රීප්රී
14 03 24	2-3	Wsom	tand ported of the
	9:30-10:30	I Serr	ෂයන්දි කියින් කරන්න කරන්න කරන්න - ක්ටුන් සුගුණන් කිසි ඉදිදිදින්
ಶುಕ್ರವಾರ	11-30-12:30	II sem	राभमेग्रे में हा हा हा ही हा ही ही हा ह
15/03/24	2-3	II Suri	Harrie cores for the core
	10-30-113=	I sem	That is a a a a a a a a a a a a a a a a a a
ಶನಿವಾರ	12 12	TV Som	Net and the set of the set
16 03/24			
ಗುರುವಾರ	10:30-11:30	E Sen	いめのかんなれて、あのしろいし、いいんしている ちょうこう しんにいる
21/03/24	12.30-1.30	I Serry	भूम केंद्र किटन किटन केंद्र हैं।
8	2-3	JI Sent	-65 5) हुन्द्रेत स्वयुद्ध क्रिलहत्वर्य, हार्डिएव हत्ते प्रकृतिहत्तु
ಶುಕ್ರವಾರ	9:30-1030	I sen	Loses bestander gissones
22/03/24	11.30-12.30		9 mar and that rad balan BQ. della
	2-3	IN Sem	61310 53 00 64 00 00 00 00 00 00 00 00 00 00 00 00 00
ಶನಿವಾರ	10:30-11:30	TT Sea	కాఢి అక్లి శిశి, అమిలి కలం చెరారుం
23/03/24	12:30-1:30	10-58W 11	හත් නැපත් දේ නේදෙන

# ಡಾ,ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತಕ

e 🗉		ಮಾಡಿರುವ ಚಟುನಚಿಕ
ವಾರ/ದಿನಾಂಕ	ಸಮಯ	
niciaad Sel Dee		் துக்கி நாக இதி கூற வல் விடியில் கில்கை கிற குமல் தி.
ಶುಕ್ರವಾರ ೦2/೦3/೩4		්නවේ , නම්නිත් මෙනා කර්තාව දුරුවන් නිසා කර්තාව දී කොන්ත්රාවන් නිසා කර්තාව
<b>ฮ่กิลาช</b> c2/03/24c		bostoraged Langerost & Seedback Soon states as the sound of the sound of the second states of the second se
ಗುರುವಾರ ರ7/03/೩೭೯		్ సౌరద్ పారికిగా ఆల్ఫ్ ఫిగ్రా సామాడుడు కిల్యా పిర్ణాణం సామాడులు
ಶುಕ್ರವಾರ ೧೯/೦೨/೩.4		ඩාබහය්තුළු ළුගැන්දු, න්හිලවේදි
ಶನಿವಾರ 09 03 24	_	କାରଣ , ସ୍ବମହଳ୍ପ , କେମ୍ବାରେ, କେମ୍ବାର, କ କେମ୍ବାର, କେମ୍ବାର, କେମ୍

ಪ್ರಾಂಶುಪಾಲರು

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# ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಸುಸ್ತಕ

2015日2000 111000000 111000000000000000000000	ವಾರೆ/ಬಿನಾಂಕ	ಕ ಸಮಯ	ತರಗತಿ	ಅನರಿಸಿರುವ ವಿಷಯಗಳು	
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		N. A.
ನಾರ/ಬಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಣಕ
5000000 Ne 1001240	2	అర్యాథరాన్లు తెరిలి సంకరణ క్న అర్జేయ ఇండలు త్రిశ్రిశ్వాచ్న రిజ్రాతం - - గులు పు. చెరిజి ' నుంతి కిశ్ ఆర్మాతి - ఎరిళ పరిజలనులు కు
ಶುಕ್ರವಾರ 15  03 24		ವೆಂದಲ ವರ್ಚಿದೆ ಮೆರಿಂಸ್ ಕೆಲಸ್. ನರದಿ ಸಾತಿಕೆಸ್ ಎಲ್ರಾಂಫರ್ನ್ ಬರಸ ಹಂತಲನ
ಶನಿನಾರ  6(02)26		भुगम् कार्य स्वकृत्य स्वकृतिहरू संरक्षणकार इन्द्र सम्बद्धावटी
ಗುರುವಾರ ೭] ೩೦೨)೭೭೯		க்கில் கில்லாக கிலைக்கு குலைக்கு கிலைக்கு கிலி காலை கிலில் கிலி கிலி கிலி கிலி காலி கிலில் கிலி கிலி கிலி கிலி கிலி கிலி
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ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ತರಗತಿ	ಆವಲ್ಲಿಶಿರುವ ವಿಷಯಗಳು
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ಗುರುವಾರ ಒಗೇ/24		සිංඥිවර නිංජියට වාදි මගි මාන් - නිවර අදාජි ක්ෂිවන්ගමාන්, ස නංව සිවන කර්ගන්හා, කිරීමාන්තුද alter කරන්න
ಶುಕ್ರವಾರ 5]4/4		ಸ್ಟ್ ආරා කොට් කොට් ක්රී ක්රී ක්රී ක්රී ක්රී ක්රී ක්රී ක්ර
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ಗುರುವಾರ 11)04/24	n 18	రంబన ప్రదాపర్త చెరికిల రోజు
ಶುಕ್ರವಾರ 12/01/24		හත් විශ්යා බොදිරියට බාංලාවිණා තිබති, බැංග I A රියාව තිහත් පයි 5 - - ඉතරුණාලා.
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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ಬಿನಚಲಿ ಮಸ್ತಕ

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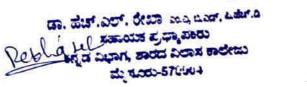
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Dr. Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas Critton Krishnamust

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# ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತಕ

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತಕ

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತ್ರಕ

ಡಾ.ರೇಖಾ	BES	ರವರ	<b>ಬನಚ</b> ಲ	ಮಸ್ತಕ

	ಸಮಯ	ಮಾಡಿರುವ ಚಟುವಣಕ
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#### ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಸುಸ್ತಕ

ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಮಸ್ತಕ

2		ಮಾಡಿರುವ ಚಟುನಣಕ	ವಾರ/ಬಿನಾಂಕ
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## ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಮನ್ತಕ

#### ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚಲಿ ಸುಸ್ತಕ

i f	ವಾರ/ದಿನಾಂಕ	ಸಮಯ	ಮಾಡಿರುವ ಚಟುನಡಿಕೆ
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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಮನ್ತಕ

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ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ದಿನಚರಿ ಮಸ್ತಕ ಮಾಡಿರುವ ಚಟುವಟಕೆ ಸಮಯ ವಾರ/ದಿನಾಂಕ A educidad ಗುರುವಾರ 23/11/23 JA Shelidrebs ಶುಕ್ರವಾರ 12/ 11/ 24/11/23 idregidret. ಶನವಾರ DD 2511/23 ු මිශ්රිල සිංගාන කිගිරිස්ති ಗುರುವಾರ 3860 08 10/1/1 30/11/23 IA why whish ಶುಕ್ರವಾರ 1/12/23 EBARLIONEN AI ಶನಿವಾರ 2/12/23 also ogn 181201 21 - F. P. 1

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#### ಡಾ.ರೇಖಾ ಹೆಚ್.ಎಲ್. ರವರ ಬಿನಚಲಿ ಸುಸ್ವಕ

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# SARADA VILAS COLLEGE

KRISHNAMURTHYPURAM, MYSURU

## WORK DIARY



Assistant Professor Department of Commerce Sarada Vilas College Mysuru



For

### **Odd Semester**

2023-24

## Teaching plan for the Academic Year 2023-24

Month	Hours	Portion to be Covered
જીઝું૦અઈ	12	<u>ಫಿಲಕೆ ೧</u> .
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ನವಿಂಬರ	12	ಫ್ ಟಿಕೆ à . ಕುಡುಂಬ ೧. ಖ. ಬಾಲ್ಯನ ಡಂಬಲ - ಪು.ತಿ.ನರಸಿಂಡಾಡ ೫. ಖವ್ತ - ಎಲ್.ಡನುಮಂತಯ್ಯ. ಎ. ತುಂಬಹ ಕುಡ - ್ರಿವೆಗಿ ೩. ಗೃಹನಿಕ್ಷ n - ಹಹೆಗಿಕ್ ಮಂಹತ್ವ
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## Teaching plan for the Academic Year 2023-24

	Semester. III. Row & 6 49492 Subject
Month Hou	rs Portion to be Covered
\$\$0005 15	ফুঁদাই 1 : স্কর্মন্থ এ.৩. অসকার এইন্বুআর দমণ্ট - অতার্চ্ব ৪. স্কৃতিক্রেত্রতার্চ্ব এর্বের্ড প্রার্ত্রন্ত্রন্ত্র ০. দ্বস্পান্ধ অন্থিপ্রেম্বা – এর্থ্রে ন্যান্দ্র্যা २. টিজেঝাই, স্ক্রির্ত্রেও০০০৪१- ব্র. স্কান্চার্ল্যা ৪. টিজেঝাই, স্ক্রির্ত্রেও০০৪१- ব্র. স্কান্চার্ল্যা
& & & & & & & & & & & & & & & & & & &	ತ್ರಾಗತ್ ಶ : ಪ್ರಾಣಾಕತೆ ೧.ಖ. ಬ್ರಾಡ ಬ್ರಾಹತ್ರ ನಮಾಗಿಯ ಸರಿಯಲ್ಲ ೫. ಖತಿಹಿತದಲ ನಿಲಾಡುಡು - ಕನಕರಾಸರು ಎ. ಹೊತರ ಹಾ - ಹುಂ, ವಾರಭಪ್ರತ್ವ ಶ. ನಮ್ಮ ಅಶ್ಯತೆಯನ್ನು ಯಾರಲಾದ ಹೆ!ವರು
3. Jow f 08	ಸ್ಟ್ ಸಂಕ್ಷಿತ್ರಾ ೧. ವೃಹಾ ಇತಿಹಾಸವನು ಕಾಂಕಹಿರು – ರಾಗಾ ಎ. ಲ, ಹಕಹಿಂಹೆಯಂ ಯಾಡಿ ಯಾನವಂ ಉಳ್ಯ ಹನೆ – ಲಕ್ಕ್ರೀಶ ಲ. ಮನವೆಸ್ಟ ಸಿಹುಹ್ಯೆಲು ನಡೆಯಡಿರು – ಸಂಕ್ಷ
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## Teaching plan for the Academic Year 2023-24

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### SARADA VILAS COLLEEGE

## DEPARTMENT OF COMMERCE AND BUSINESS ADMINISTRATION

### TIMETABLE FOR THE YEAR 2023-24(ODD SEM)

DAY	9.30- 10.30	10.30- 11.30	11.30- 12.30	12.30- 1.30	1.30- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00
MON	I BCA		町 B,601 「A?	TBBA			TT BBA	
TUE		<u>Π</u> Β. 60m 'B ²	IBCA			TT_BBA	TBBA	
WED			IBCA	IBBA	Lunch		<u>I</u> .BBA	
THU			IBCA		Lunch Break		174 - 6	
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Work	Diary	for tl	he month: September	ſ	••••••
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60	1230-13	OII	BA කායාත් මිර්ත්ම (සමාලස ක්ෂත්) ලිල්ලී.)		(and the state of the second
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eo)	11-30-17	30T	BBA कत्र के में के कि कि HAR	2.00-3.	00 जग्रह हज्ज्ञाका.
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	10:30-11-3				,
0			いわい きちからしてん しん	4.00-12.00	इंडाजुकक राखेमद स्वा हेड
			the factor of the contract		Gen the
0	2.00-3.0	TB	BA ಹೆಕಿಸ್ಟ ಬ್ರೈಲ್ರಾ)ರ(ಕ್ರೈ)- H . ನಾಗವೆಗಿ		water is it to the the open of
00	3.00-H.0	0	H. 201 211		क्टीकार हंत्याम्ब्र हे हिग्वा के
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ন্দ্র ॥ ৫৫-१९६ २ ६६४ २ ४४-९५ २ २ ३ ३ ३ ३ ३ ३ ३ ३ ३ ३ ३ ३ ३	१२ (इन्हे)-ज <u>्याह</u> 18 30- त्र (इन्डे डोक्स) त (इन्डे ) (इन्हे)-राज्य मण्ड-	1:20 366300 Rong 300 3000 7 5:00
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ate	Time	Class	e month: Septemb	Time	Other Works
8  07   90 9 3			रीक - मनील जय्युत्व व		
60 61	8-30-1-3 2.00-3-0	0 0	6A ৯৮৮ল ডুর তান (উল্ফ) - অনু <u>ঠ</u>		ం తరాగతిగాగి చ్రూవా రెండ్సారి ఇర్రక్షక్ష చోరాంచురిగా
aua.	1-30-17-3	0 IB	em'h' – అగిచాలావ (కె.అ.కి. A తేళగతి – కెన్నడ యనెమ్సే BA – జనవచ్ చెరాంభార am'b'- (ఇంగిచాలావ (కె.అ.కి)	4.00-10.0	• उत्तरात्रक, शिक्तर न्द्रक
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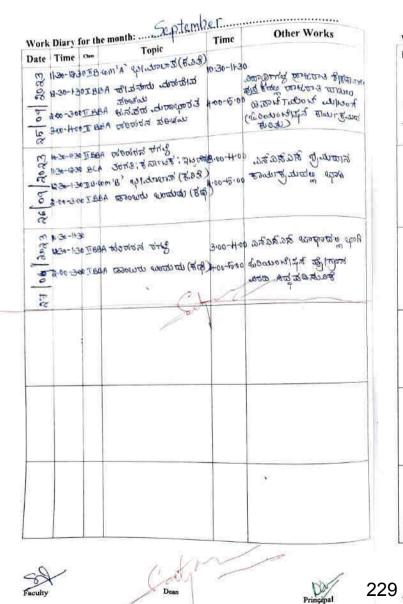


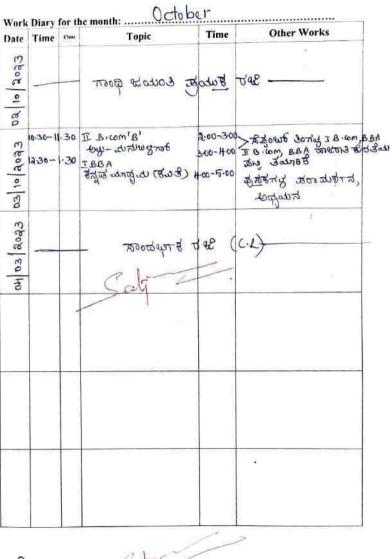
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Other Works	Time	rk Diary for the month: Octobe
ాడ్వెస్ గిగానికిని 0 రింజంకి	H-00-15-	11 Diary 101 10 Topic 12 Time an Topic 1370-30-1130 IB 100-14 ? East - Fat 11 30-133 IB 104 इंग्रांक्यराज्यार्थ है। उंग 13-3-132 IBBA इंग्रांक्यराज्यार्थ है। उंग 2 40-3 a IBBA इंग्रांक्यराज्यार्थ है। उंग
७. २९ ज्युत फ्री अपुर उधारा १ जिन्द्र उधारा जगळत	3.00-15-0	1 136-136 1288A いろしの 25-136 1 130-13-15 5 4 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
ం లు.ఎ.క్సి రావాని? అత్తిక చెత్తికోగార్ల అహిల్సిచెనిన	10.30-11: 1.00-5:0	13:03: 26 2682 35473- 201875 13:03: 26 2682 35473- 201875 2 2.5-130 IEBA 15428/15 (344 2 2.50:400 IBBA (2000000 36494 2 2.00:400 IB:00 4044 (347) = 500:400 IB:00 4044 (347)

Date	Time	Class	re month:Octobe Topic	Time	Other Works
808	12-30-1-30	IBB	A 230 मार्ग ( 3000)	3.00-14-0	రా క్రిమి కిల్లా కిల్లా కిల్లా సాధి సారిగా ప్రామిలి కిల్లా గులుగు జాల్లో స్ట్రాల్
Bug3	11-36-12:30 12:30-131	BC TB	A මයහයක් හා කර්ගයේ A ත්රා ක්රීන්ත් කර්ගන්ත ක්රීන් ක්රීන්ත් කර්ගන්ත ක්රීන්ත් ක්රීන්ත ක්රීන්ත් ක්රීන්ත් කරීන්ත A කාන ක්රීන්ත් ක්රීන්ත්		ಿ ನಿಂಕಿಗಳತ ಕಾರ್ಯಾಸನ್ ಪ್ರಸ್ಥೆಷತ್ರಿಕೆ ಸಿಸ್ತ್ರಪಡಿಸುತ್ ಎಲ್ತತು ಸ್ಕಿಪಿಂಗ ಶ್ರಶ್ರಕಗಳ ಪರಾಮರ್ಗಿ
18/10/2023	ىلى ئ	. e.e	s. tristinlezzat	elort.	50A BUE
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Work	Time	China .	month:	Time	Other works		Time		month: Topic	Time	Other Works
325 Efeose of Ete	Time		beand Drog	च <b>ध्द</b> े		2609.3	14:34-11-3 18:36-1-3	o IBB	ಜ್ಜುಸ್ ಸಮಾಧಿಯ ಸತ್ತ (ಸತ್ರ) ಗಿ ತುಂಬಹಕೊಡ (ಕತ್ರಿ)	10:30-11:3 2:00-3:00 4:00-5:00	ையுக்கு முதல் குடியில் விடியில் காண்டு <u>கிறை</u> காண்டு கான் குடு கிறியில்
84 10 8023 3			ીસબાવ્યવેગા	<b>ત્રજ્ર</b> ~		ge 33	11-26-H3	BCA	A stat - log sado sta	400-50	రి చిర్మాధిగా చేదికి అయ్యారానా ఇమారంభ గిమి CI లన్, వ్రోగ్గినప్రికి దిషాజనానుంకి చువు (ల్లిపిం)
25 10 2023	11-30-12 13-30-1- 2-00-3-1	80 BC 30 IB 10 TB	12500 12000 - ENTER A 25 25 25 25 25 25 25 25 25 25	3 Jun File	0 C1 438, 2992298 8422020108 412 19807 2+101238 W31K3hop 2+101238 W31K3hop 2+101238 W31K3hop	01/11/3033		<b>क</b> र्त्न्यूट	ह जार्धमा उन्मेल ज ST	MUB	<i>च</i> ₩
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Work Diary for	the monthly	mber	Other Works
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C N.30-1130 1 C N.30-1130 1 C R-31-1-30 I = 200-4400 I T	1.66A ಕೃಷ್ಣ ವನಸ್ಸು 1.86A ನಮ್ಮ ಖನ್ನತೆಮನ್ನು ಮುರ್ಕರ್ಷ ಹೆಗಿನಲೆ .88A ಮೃ_ ಎ೯-ಹನುತ	10:30-11:3 1 8:00-3:0 20302 1:00-13:0 4:00-13:0	್ ಪುಸ್ತಕಗತ್ತ ಪರಾಮರ್ಶಿ ಹಾಖುಬ ಹಾಖುಬ ಕಾರ್ಯಕ್ಕೆ ಯಾಹಿಸಲ್ಲ
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17	13-30-1-3 3-60-3-0	80 II. 10 I.8 10 I.8	&&A ಹೊರೆ ಡುಕ್ಸ್ರೇಷನ &A ಯಾಳಿನ ಶಂಬುಬ M ಹನಕರ್ ಕ್ಲಾಸ್	11-30-1830 .3.00-Hok	) > ಅಸಿವಿ ಚಸ್ರೆ ಹೆಗಿತ್ಸು ವ್ರಾಲ್ಯಮಾಹನ
H 11 3033			ත්යාන් හිත්සා හිත්සා ක්ෂාවන් සංක්ෂාවන් සංක්ෂාවන	ઝજ	
15/11 3033	19-30-4 2-00-3-1 3-00-4-1	30 96. 00 / 00	৻৻৻য়৾৾য়য়৾ঀ৾য়৾ঀ৾৾য়৾ঀ৾৾য়৾ঀ৾৾য়৾ঀ৾৾য়৾ঀ৾৾য়৾ঀ	9-30-11-30 2-30-1-30	> ಉಅವಿ ಅಸ್ಟೇನೆಹಲಿಂಟ್ ನ್ರತಾಲ್ಯವಾತನ

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Date	Time	Chee	Topic	Time	Other Works
87 11 8083	930-103 300-140	10 ЛР 0 ЛР41	<a -="" ಉಲ್ಬಾವ್ಯಕ್ಕೆಯ="" ರೋಡ<br="">ಕಡ A ಸಂ೪ ದಿಹಕ ಮಟ್ಟ – ಕೆ. ಎಸ್. ನಿನಾರ ಹಿಡಮ</a>	\$10:30-1:3 \$10:30-3:1	० चतुष्व ७०१६२)। बु.च कार्या हु.च कार्या लु.च कार्या लु.च क्राक्त ह बक्ता ह.
808 (11)	11-30-12. 2.00-3.0	I OE	రి ందా 'రి' నమాథియ నక్కే 8CA - యోగాజేయిల్లో భాహి 8BA దోగా చూర్చ్రభావ BA ఇన్ల కన్నడ జగమై	4.00-5-0	ం C _{షి} టొణ్ వ్రగ్ని జెట్రిశ్ వెచ్చాంశ్ య <u>ెట</u> ్ ట్రెటింగ o డిజాన7యింగ్ యిగిరిం
Spad	1.30-12	SO I E	sca ca rab. BA न्युच्ठकेष्ट्रीय (खण्जन	4.00-5.0	20 IB. Com, BBA, II B. Com, 200 Jan A 200 prof of 2000 200 Jan Bord Song Prof Song 200 Jan Bord Song 201 Jan Bord Song 201 Jan Jan Jan Jan Jan 201 Jan Jan Jan Jan Jan 201 Jan Jan Jan Jan Jan Jan 201 Jan
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Vork	Diary	for the I	nonth: Nove Topic	Time	Other Works
0 11 30 33	11:30-13 17:30-1-3 19:30-3-1 3:00-4-1	SO TB AST OF ABBITO TB-U	.00M A నరలున్నో ఉళ్ళేశ ఇదుర యద్బాధా m'A' నమాధియ	10-30-11 3 हिल्लाई हो सर्व्यु	0 అంఎన్ని రాజనా వ్రోశ్ చెత్తి చూల్చచావన యార్యా ల్మింగిక బాటాన్న వెజిగుబ్బ ఎకియి లాగ్రాకి కాయ్యా చెరిడి యా గి
8093 3	10-31-14 10-31-12 10-31-12 10-14 13-01-14	SOTE- SOTEC SOTES STEE	ుర్తాడుని 'వి'యాంచి సాద్దారు పార్యాత - శ్రాజిగ్రా ది యాల్ చెబ్ ది 'మిట్రు	ಸತ್ರ <u>೧</u> .00-3.0 -ೂವನ್ನ ನ ~00-150	್ರವರ್ಷ್ಮಾರ್ಥಿಗಳ ಹಾಸರಾತಿ ಶಿವಕಾವರು ಪುತ್ರತಕಹಲ್ಲ ಹಾಸರಾತಿ ಹಾಸಲು ತನಸತಾಗಿ ಪೂರ್ವ ತಯಾಕಿ ಆಸ್ಪಡ ರಾಜ್ರಾತ್ರವ್ ಆಸ್ಪಡ ರಾಜ್ರಾತ್ರವ್
an/11/2023	N-30-19 14 30-1 500-14	30 BC 30 IB -00 IB	A - రుబార్ల' (శం A 'యార్ల' (శం A 'యార్ల' (శం A	5 4 3 gr 30 - 31 - 11 - 3 3 - 3 - 3 - 3 - 1 - 3 3 - 1 3 - 3 3	(1000-10-10-10-10-10-10-10-10-10-10-10-10
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WOIK	Diary	lor th	e month:Decem	Time	Other Works
Egae 121	9-30-100 14-00-10 3-30-110	30 50 ( 1 30 ( 1	යෙකි යනුව යෙකි ක්රුව	1030-1130 130-200 200-300	৩৯৪৯ ৫ এই ৩০ বন মুকুইনপু ন্যাণ্য এই ৬০৫৯৯ ৫ ১৪ ৩৫ এই মুকুইনপু ন্যাণ্য এই ৩০ বন মুকুইনপু ন্যাণ্য এই জেইব
05 12 Begaot	10-30-16 11-31-18 3-30-14	30 Cq B0 30 Cq	হার্ম্য রেশ্ব। BECA - May Ernati থাপআর (স্বাগ্রন্থ) হের্স্য রেশ্ব।	12:30-1-30 3100-3-30	२१९७३ ८, १७.छ २ _{९९३} टम्बुस्तु जापुजगडल
Se 23	1 Berla	30 2	র্থার দ্রাগ ৫৫ - প্রচার্গ্য ৯৫ ভার্বন্দ্র দেউ) প্রস্থ দ্বাগ্য ৪		مر المراجع مرد مرد مرد المرد المرد مرد المرد المرد لمرد المرد المرد مرد المرد ا لمرد المرد المم محم محم محم محم محم محم محم محم محم
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Date	Time	Can	Topic	Time	Other Works
203	6-30-11:3 1.36-12:3 8-30-1-36	0 <u>Ⅲ</u> ₿₿А 0 <u>Ⅲ</u> ₿ЮМ II.₿₿А	ষ্ঠাগচৰ্ব্যা ন জ্ঞা। రాజుతుచాక ; నాడ '8' ర్యోళళ్ కారాజ్మిత్చ జరరింజే జరరింజేయం దూర్మ నానవం యార్మ జేనే	\$-00-5'00	' C _A ઔર્જ્સ્સ સાઉસન્પ્રન્યુ રાજ્યનપ્ર <u>શ્</u> રા <u>સ</u> ે સ્વાપ્ જાગાળ
2023	10-30-11-3 11-30-12-3	OT B-GM	+' ర్కోతిశ్ రాండ్తాచ్చ వృనరావతగానే భూప్రాం కర శలి వృనరావతగనే	14-30-1-30 H-00-5-00	Ca బాన్లన అంశగాళ్ల చాబలు శివాస్ మెంగ్ యెగిరింగ్
60	30-19:3	TBLA	8ੇ ਗੁਲਾਹਰਾਨੀ ਲੁਨਾਹਸ਼ਰਾਨੀ ਕੁੰਗ੍ਰਨਾਹਸ਼ਰਾਨੀ	300-5-00 300-500	4, (2, Anignment dia 75 आजर 2008 तार (B. 60 BBA, BCA) काश्वाय
					ж.

Work	Diary fe	or the mo	nth:De.Como	.ex	••••••
Date	Time		Торіс	Time	Other Works
12 12 2033	9.30-10.30 10:30-11:30	DI BCA IIBBA	ಹುನರಾವರ್ತನೆ ಪುನರಾವರ್ತನೆ	11.30-1.30 2.00-5.00	o B.com, BBA, o B.ca 夏岡辺, 愛子のの ふまって IA Marky でのわい
083	11:30-12:30 -	OIBCA	উধনও	12.30-1.30 2.00-3.00 3.00-6700	Den Elective_JA Marka 00733000 B. com, BBA, BCA Engre IA Marka borng Verification
20 20 2033	-			10:30-11-30 11:30-11:30 2:00 -3:00	> भीशत चर्पाडेरी संव्याप्त उ चार्स्टिमपु किंच्या, खठा के छाल्म काफी व्याप्त संख्याप (BLA IA MARK र संव्यादेव भीशत चर्पाडेरी.
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## SARADA VILAS COLLEGE

## **MYSURU**



WORK DIARY OF SHAKUNTHALA

### DEPARTMENT OF ZOOLOGY

### **ODD SEMESTER**

2023-2024

2.,≢ 082 -2419391 2419300



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

ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕಾರ್ಯಸೌಧ. ಕ್ರಾಫರ್ಡ್ ಭವನ, ಮೈಸೂರು-570005

### ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆ- 3

ವಿಷಯ: 2022-23ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ ಸ್ನಾತಕ ಪದವಿ ಮ್ರೊಗ್ರಾಂಗಳ ತರಗತಿ/ಪರೀಕ್ಷೆಗಳನ್ನು ಮುಂದೂಡಿರುವ ಬಗ್ಗೆ.

- ಉಲ್ಲೇಖ: 1. ಈ ಕಛೇರಿ ಇದೇ ಸಮ ಸಂಖ್ಯೆ ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆ ದಿನಾಂಕ:28.02.2023. 2. ಈ ಕಛೇರಿ ಇದೆ ಸಮ ಸಂಖ್ಯೆ ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆ–2 ದಿನಾಂಕ: 20.05.2023.
  - 3. ಕುಲಸಚಿವರು(ಪರೀಕ್ಷಾಂಗ) ರವರ ಪತ್ರಸಂಖ್ಯೆ:ಪ.ವಿ.8.6/17ಎ/ಇತರೆ/2019-20 ದಿನಾಂಕ: 20.07.2023.
  - ದಿನಾಂಕ: 20.07.2023ರಂದು ನಡೆದ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟ ರಚನೆ ಸಮಿತಿ ಸಭೆಯ ನಿರ್ಣಯ.

#### ಪ್ರಸ್ತಾವನೆ:-

ಉಲ್ಲೇಖಿತ (1)ರ ಈ ಕಛೇರಿ ಅಧಿಸೂಚನೆಯಲ್ಲಿ ಸ್ನಾತಕ ಪ್ರೊಗ್ರಾಂಗಳ 2, 4 ಮತ್ತು 6ನೇ ಸೆಮಿಸ್ಟರ್ ತರಗತಿಗಳ ಹೊನೆ ದಿನಾಂಕ: 05.08.2023ಕ್ಕೆ ನಿಗಧಿಪಡಿಸಲಾಗಿತ್ತು. 2023–24ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಸರ್ಕಾರದ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿಯನ್ನು ಅನುಸರಿಸಲು ಮತ್ತು ಸ್ನಾತಕೋತ್ತರ ಪ್ರೊಗ್ರಾಂಗಳ ಪ್ರಥಮ ಹಾಗೂ ದ್ವಿತೀಯ ವರ್ಷದ ತರಗತಿಗಳನ್ನು ಒಂದೇ ಸಮಯದಲ್ಲಿ ಪ್ರಾರಂಭಿಸಲು, ಸ್ನಾತಕ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರುಗಳ ಒಪ್ಪಿಗೆ ಪಡೆದು, ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಅನುಮೋದನೆ ಮೇರೆಗೆ ಈ ಹಿಂದೆ ನಿಗಧಿಪಡಿಸಿದ್ದ ತರಗತಿಗಳ ಅವಧಿಯನ್ನು ಕಡಿತಗೊಳಿಸಿ, ದಿನಾಂಕ: 22.07.2022 ಕೈ ನಿಗಧಿಪಡಿಸಿ ಉಲ್ಲೇಖಿತ(2) ರಲ್ಲಿ ಅಧಿಸೂಚನೆ ಹೊರಡಿಸಲಾಗಿತ್ತು. ಅದರಂತೆ, ಪರೀಕ್ಷೆಗಳು ದಿನಾಂಕ 24.07.2023 ರಿಂದ ಪ್ರಾರಂಭಿಸಲು ಉದ್ದೇಶಿಸಲಾಗಿತ್ತು.

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ಈ ಮಧ್ಯೆ ದಿನಾಂಕ 17.07.2023 ರಂದು ಮತ್ತು ದಿನಾಂಕ: 20.07.2023 ರಂದು ವಿದ್ಯಾರ್ಥಿ ಸಂಘಟನೆಗಳು ತರಗತಿಗಳ ಕೊನೆ ದಿನಾಂಕವನ್ನು 15 ದಿನಗಳ ಕಾಲ ಮುಂದೂಡಲು ಅಗ್ರಹಿಸಿ, ಪ್ರತಿಭಟನೆ ನಡೆಸಿದ್ದರಿಂದ ಮತ್ತು ಕುಲಸಚಿವ(ಪರೀಕ್ಷಾಂಗ) ರವರು ಒಂದು ವಾರದ ಮಟ್ಟಗೆ ಪರೀಕ್ಷೆಗಳನ್ನು ಮುಂದೂಡಬಹುದೆಂದು ತಿಳಿಸಿರುವುದರಿಂದ (ಉಲ್ಲೇಖ–3) ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿ ರಚನಾ ಸಮಿತಿ ಸಭೆಯನ್ನು ದಿನಾಂಕ: 20.07.2023 ರಂದು ಸಭೆ ಕರೆದು, ವಿದ್ಯಾರ್ಥಿಗಳ ಬೇಡಿಕೆ ಮತ್ತು ಕುಲಸಚಿವ (ಪರೀಕ್ಷಾಂಗ) ರವರು ನೀಡಿರುವ ಅಭಿಪ್ರಾಯದ ಮೇಲೆ ಚರ್ಚಿಸಿ, ಸದರಿ ಸಭೆಯಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದ ವಿವಿಧ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳು UUCMS Portalನಲ್ಲಿ IA ಅಂಕಗಳು ಮತ್ತು Practical Batch ನ್ನು ಮಾಡಲು ತಾಂತ್ರಿಕ ತೊಂದರೆ ಇರುವುದಾಗಿ ತಿಳಿಸಿ, ಒಂದು ವಾರಗಳ ಕಾಲ ತರಗತಿಗಳ ಕೊನೆ ದಿನಾಂಕವನ್ನು ವಿಸ್ತರಿಸಬೇಕೆಂದು ತಿಳಿಸಿರುವುದಕ್ಕೆ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ವಿವಿಧ ನಿಕಾಯಗಳ ಡೀನರುಗಳು ಮತ್ತು ಪ್ರಾಧ್ಯಾಪಕರುಗಳು ಸಮ್ಮತಿಸಿರುತ್ತಾರೆ. ಈ ಕಾರಣದಿಂದಾಗಿ ಶೈಕ್ಷಣಿಕ ಚಟುವಟಕೆಗಳು ಸುಲಲಿತವಾಗಿ ಜರುಗಬೇಕನ್ನುವ ಉದ್ದೇಶದಿಂದ ಈಗಾಗಲೇ ನಿಗಧಿಪಡಿಸಿದ್ದ 2, 4 ಮತ್ತು 6ನೇ ಸೆಮಿಸ್ಟರ್ಗಗಳ ತರಗತಿಗಳ ಕೊನೆ ದಿನಾಂಕ: 22.07.2023ರ ಬದಲು ದಿನಾಂಕ: 28.07.2023ಕ್ಕೆ ವಿಸ್ತರಿಸಲು ಹಾಗೂ ಪರೀಕ್ಷೆಗಳನ್ನು ದಿನಾಂಕ: 01.08.2023 ರಿಂದ ಪ್ರಾರಂಭಿಸಿ, ದಿನಾಂಕ: 30.08.2023ಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಮತ್ತು ದಿನಾಂಕ: 31.08.2023 ಕ್ಕ ತಿರ್ದಾನಿಸಲಾಗಿರುತ್ತದೆ. ಅದರಂತೆ ಈ ಕೆಳಕಂಡ ಆದೇಶ;

## ಆದೇಶ ಸಂಖ್ಯೆ:ಎಸಿ7(ಎ)/456/2016-17, ದಿನಾಂಕ: 20ನೇ ಜುಲೈ,2023.

ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ವಿವರಿಸಿರುವಂತೆ, 2022-23ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ 2.4 ಮತ್ತು 6ನೇ ಸಮಿಸ್ಟರ್ ಗಳ ಕೊನೆಯ ದಿನಾಂಕ: 22.07.2023ರ ಬದಲು ದಿನಾಂಕ: 28.07.2023ಕ್ಕೆ ವಿಸ್ತರಿಸಲಾಗಿದೆ.

ಪರೀಕ್ಷೆಗಳನ್ನು ದಿನಾಂಕ: 01.08.2023ರಿಂದ ಪ್ರಾರಂಭಿಸಲಾಗುವುದು.

2023-24ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ 1, 3 ಮತ್ತು 5ನೇ ಸೆಮಿಸ್ಟರ್ಗಳ ತರತಿಗಳನ್ನು ದಿನಾಂಕ: 31.08.2023ರಿಂದ ಪ್ರಾರಂಭಿಸಲಾಗುವುದು.

ಸದರಿ ಬದಲಾವಣೆಯನ್ನು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಧೀನಕ್ಕೊಳಪಟ್ಟ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳು ವಿದ್ಯಾರ್ಥಿಗಳ ಗಮನಕ್ಕೆ ತಂದು, ಮುಂದಿನ ಕ್ರಮ ವಹಿಸುವುದು.

ಇವರಿಗೆ:

1. ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಧೀನಕ್ಕೊಳಪಡುವ/ಮಾನ್ಯತೆ ಪಡೆದ ಎಲ್ಲಾ ಸ್ನಾತಕ ಪದವಿ ಕಾಲೇಜುಗಳ/ಘಟಕ

ACADEMIC CALENDER FOR UNDER GRADUATE COURSES OF THE UNIVERSITY AFFILIATED/ CONSTITUENT/ AUTONOMOUS COLLEGES FOR THE ACADEMIC YEAR 2023-24.

SI.No.	Particulars	Dates for 2023-24				
1.	Admission Process.	20.05.2023 to <b>31.07</b> .2023				
2.	Last date for admission to 1 st Semester	15.07.2023				
3.	Last date for admission to 1 st	31.07.2023				
4.	Commencement of 1 st , 3 ^{re} and	21.08.2023				
5.	Completion of admission of II and III year, uploading of fee receipt & promote to II & III year at UUCMS	15.09.2023				
6.	Last working day of the 1 st , 3 rd &	14.12.2023				
7.	Mid Term vacation (including conducting of Examination & Valuation work of 1 st , 3 rd & 5 th	15.12.2023 to 15.01.2024				
8.	Commencement of 2 nd , 4 ^m and	16.01.2024				
9.	Last working day of 2 nd , 4 st and 6 semester programmes	11.05.2024				
10.	semester programmesTerminal vacation (Including conducting of Examination & Valuation work of 2 nd , 4 th & 6 th 12.05.2024 to 29.06.2024Semesters)					
11.	Commencement of next Academic Year for this batch (2024-25)	01.07.2024				

### NOTE:

- 1. If a particular day is declared as a holiday or happens to be holiday then the Corresponding event will come into effect on the next working day.
- 2. Notification regarding Calendar of events relating to the conduct of Examination will be issued by the Registrar (Evaluation), from time to time.

## ORAFT AF PROVED BY THE REGISTERAR 238

DEPUTY REGISTRAR (ACADEMIC) Deputy Registrar (Academic) University of MysorP.T.O

#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) ZOOLOGY DEPARTMENT

Day	9.30-10.30	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		V(ZL)	i (ZL)	III(ZL)			<iii <="" l="" td=""><td>AB&gt;</td><td></td></iii>	AB>	
TUE		V(ZL)	ı (ZL)	III(ZL)			<v< td=""><td>LAB&gt;</td><td></td></v<>	LAB>	
WED		V(ZL) OE		V(ZL)	LUNCH				
THU		V(ZL)	I (ZL)	V(ZL)	BREAK	<i lab=""></i>			>
FRI		V(ZL)	III(ZL)	OE			<۷۱	AB>	
SAT	OE	III(ZL)	1 (ZL)	V(ZL)	[				

Maincipal Sarada Vilas College, Krishnamurthypuram, Mysuru

#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) DEPARTMENT OF ZOOLOGY Time Table

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	V(ZL)		III(ZL)							
TUE	V(ZL)	1 (ZL)		LUNCH BREAK	<> V LAB>					
WED	V(ZL)		V(ZL)							
тни	V(ZL)		V(ZL)							
FRI	V(ZL)	III(ZL)			د.	v	LAB	»		
SAT		1 (ZL)	V(ZL)							

Theory- 12 Hours Practicals- 08 Hours Total- 20 Hours

Principalika Sarada Vilas College Myssinal Sarada Vilas College,

Kishnamurthyouram, Mysum1.

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### V SEMESTER ZOOLOGY- NON CHORDATES AND ECONOMIC ZOOLOGY

Month	Hours	Topics to be covered
September	16hrs	<ul> <li>Unit-1</li> <li>General characters, classification up to classes with suitable examples to all phyla</li> <li>1. Protozoa to Coelenterate</li> <li>Protozoa-Paramecium(Morphology and Reproduction), Porifera-Sycon (Canal System)</li> <li>Coelenterata – Obelia (Morphology and Reproduction)</li> <li>2. Ctenophora to Nematheiminthes - Ctenophora –Salient feature</li> <li>Platyhelminthes - Taenia (Tapeworm)(Morphology and Reproduction)</li> <li>Nemathelminthes - Ascaris lumbricoides (Morphology and Reproduction)</li> <li>Unit-II</li> <li>3. Annelida</li> </ul>
October	16hrs	<ul> <li>Annelida–Hirudinaria(Leech) (Morphology and Reproduction)</li> <li>Arthropoda         <ul> <li>Arthropoda–Palaemon (Prawn) Morphology, Appendages, Nervous System and Reproduction)</li> <li>Unit-III</li> <li>Mollusca to Hemichordata</li> </ul> </li> <li>Field visit</li> </ul>
November	16hrs	<ul> <li>Mollusca–Pila (Morphology, Shell, Respiration, Nervous System and Reproduction</li> <li>Echinodermata–Pentoceros (Morphology and Water Vascular System)</li> <li>Unit-IV</li> <li>Economic Zoology: Vectors and Pests</li> <li>Life cycle and their control of following pests: Gundhi Bug, Sugarcane</li> <li>Seminar presentation by students</li> </ul>
December	8hrs	Leafhopper, Rodents, Termites and Mosquitoes and their control <b>7.EconomicZoology:</b> Lac-culture, Vermiculture and Poultry Revision and solving previous years question papers

Dr. M Devika M.Sc.,M.Phil.,Ph.D. Principal Sarada Vilas College, Krishnamurtirypuram,Mysuna

#### V SEMESTER ZOOLOGY- CHORDATES AND COMPARATIVE ANATOMY

Month	Hours	Topics to be covered
September	16hrs	<ul> <li>Chapter1: Chordates: General characters of each class of chordate with suitable examples.</li> <li>Origin of Chordates. Basic characters of chordates and classification up to classes.</li> <li>Chapter2: Hemichordata: Type Study of Balanoglossus-Habit and Habitat, Morphology, Coelom.</li> <li>Tornaria larva and its affinities. Affinities and systematic position of Hemichordata.</li> <li>Chapter3:Urochordata: Type Study of Herdmania-Habit and Habitat, Morphology, Ascidian</li> <li>Tadpole-structure and its retrogressive metamorphosis.</li> <li>Chapter4:Cephalochordata : Type Study of Branchiostoma (Amphioxus)-Habit and Habitat, Morphology, Digestive system, Feeding mechanism, excretory and circulatory system.</li> <li>Chapter5: Agnatha General characters of Agnatha and classification up to classes. Salient features of Cyclostomata and Ostracodermi with orders And examples. Ammocoete larva and its significance.</li> <li>Chapter6:Vertebrates: General characters for each order citing examples.</li> </ul>
October	16hrs	General characters of Chondrichthyes and Osteichthyes. Interesting features and evolutionary significance of Dipnoi. Salient features of Placodermi with examples. Interesting features of Sphenodon, crocodile and Archaeopteryx. Salient features of Ratitae and Carinatae with examples. Interesting features of mammalian orders (Insectivora, Carnivora, Chiroptera, Cetacea, Proboscidia, Ungulata–Perissodactyla and Artiodactyla, and Primates–Platyrhini andCatarhini) with examples Chapter7.GeneralaccountofChordates: Types of caudal fins, scales and swim bladder in fishes. Origin of Amphibia. Neoteny and Paedogenesis. Adaptive radiation in extinct reptiles with suitable examples. Temporal fossae in reptiles. Field visit
November	16hrs	<ul> <li>Poison apparatus and biting mechanism in snakes. Parental care in Pisces and Amphibians.</li> <li>Flight adaptations in birds. Dentition in mammals. Evolution of molar tooth. Migration in Pisces, Birds and Mammals. Comparative Anatomy of Vertebrates:</li> <li>Chapter 8. Integumentary System: Structure of skin and its derivatives.</li> <li>Chapter 9. Skeletal System • Comparative account of Axial Skeletal system in vertebrates;</li> <li>SkullAmphibian (Frog), Reptiles (Lizard), Aves (Pigeon) and Mammals (Man). • Comparative account of Appendicular skeletal system in vertebratesPectoral and Pelvic girdles of Amphibian (Frog), Reptiles (Lizard), Aves (Omparative account of respiratory system in vertebrates:</li> <li>Chapter-10 Respiratory system • Comparative account of respiratory system in vertebrates:</li> <li>Pisces (Scolidon), Amphibian (Frog), Reptiles (Lizard), Aves (Pigeon) and Mammals (Man).</li> <li>Student seminar</li> </ul>
December	8hrs	<ul> <li>Chapter-11 CirculatorySystem • Comparative account of heart and aortic arches in vertebrates:</li> <li>Pisces (Scoliodon), Amphibian (Frog), Reptiles (Lizard), Aves (Pigeon) and Mammals (Man).</li> <li>Chapter-12 Excretory System • Succession of kidney in vertebrates.</li> <li>Chapter-13 Nervous system • Comparative account of brain in vertebrates: Pisces (Scoliodon), Amphibian (Frog), Reptiles (Lizard), Aves (Pigeon) and Mammals (Man).</li> <li>Amphibian (Frog), Reptiles (Lizard), Aves (Pigeon) and Mammals (Man).</li> <li>Revision and solving previous years question papers</li> </ul>



### I SEMESTER ZOOLOGY- CYTOLOGY, GENETICS AND INFECTIOUS DISEASES

Month	Hours	Topics to be covered
September	8hrs	<ul> <li>Chapter 1. Structure and Function of Cell Organelles I in Animal cell</li> <li>Plasma membrane: chemical structure—lipids and proteins</li> <li>Endomembrane system: protein targeting and sorting, transport, endocytosis and exocytosis</li> <li>Chapter 2. Structure and Function of Cell Organelles II in Animal Cell</li> <li>Cytoskeleton: microtubules and microfilaments</li> </ul>
October	8hrs	Intermediate filaments Mitochondria: Structure, oxidative phosphorylation; electron transport system • Peroxisome and Ribosome: structure and function Chapter 4. Cell cycle, Cell Division and Cell Signaling • Cell division: mitosis and meiosis Student seminar
November	8hrs	<ul> <li>Introduction to Cell cycle and its regulation, apoptosis</li> <li>Signal transduction: intracellular signaling and cell surface receptors, via G-protein linked receptors</li> <li>Cell-cell interaction: cell adhesion molecules, cellular junctions</li> <li>Chapter 8. Infectious Diseases</li> <li>Introduction to pathogenic organisms: viruses, bacteria, fungi, protozoa and worms.</li> </ul>
December	4hrs	<ul> <li>Structure, life cycle, pathogenicity, including diseases, causes, symptoms and control of common parasites: Trypanosoma, Giardia and Wuchereria. Revision and solving previous years question papers</li> </ul>

## III SEMESTER ZOOLOGY- MOLECULAR BIOLOGY, BIOINSTRUMENTATION & TECHNIQUES IN BIOLOGY

Month	Hours	Topics to be covered
September	8hrs	<ul> <li>Chapter 1: Process of Replication and Transcription</li> <li>Fine structure of gene (Cistron, Recon, Muton)</li> <li>DNA polymerase types and function.</li> <li>Semiconservative model of replication.</li> <li>Replication in Prokaryotes (Initiation, Elongation, Termination)</li> <li>RNA polymerases - types and functions</li> <li>Transcription in prokaryotes and eukaryotes</li> </ul>
October	8hrs	<ul> <li>Chapter 2: Process of Translation</li> <li>Genetic code and its salient features</li> <li>Translation in prokaryotes and eukaryotes</li> <li>Chapter 7: Biochemical Instrumentation</li> <li>Colorimetry and Spectrophotometry: Beer-Lambert'slaw, Absorption spectrum and UV-VL Spectrophotometer.</li> </ul>
November	8hrs	<ul> <li>pH meter, measurement of pH</li> <li>Principle, applications and safety measures of Radio-tracer techniques - Autoradiography.</li> <li>Chapter 8: Molecular Techniques</li> <li>Principle and applications of Agarose gel-electrophoresis, SDS-PAGE, DNA Sequencing (Sanger's Dideoxy method)</li> <li>PCR</li> <li>Student seminar</li> </ul>
December	4hrs	DNA Fingerprinting and ELISA Southern & Northern Blotting and Western Blotting. Revision and solving previous years question papers

Commencement of I. II and I Sem Classes - 31-08-2023

Day & Date	Time	Sem	Topics covered
Monday			
Tuesday			
Wednesday			
Thursday ও।-৪-೩૩	10 - 10.30 10.301.30 2 - 6	4	Timetable committee meeting Time table Psuparation Preparations to conduct theory and Practicals Attendence Preparation.
Friday 1 - 9 - 23	×.		SPCL Evoluation work at Moulya Bhavan
Saturday Q - 9 - Q 3			SPGL Evaluation work at Moulya Bhavan.

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Day & Date	Time	Sem	Topics covered
Monday H -9 - 93			SPGL Evaluation work at MoulyaBhavan
6 0 92	10 - 10.30 10.30 - 11.30 11.30 - 12.30 12.30 - 1.30 2 - 6	N T M T	Preparations to conduct theory classes. Introduction to theory paper - I Introduction to theory Paper - I Introduction to theory Paper - II Introduction to theory Paper - II
Wednesday 6 -9 -23	10 - 10.30 10.30 - 11.30 11.30 - 12.30 12.30 - 1.30 & - <b>6</b>	I I	Department timetable Preparation Introduction of Non-chordates Isom manual Breparation Introduction of chordates Arrangement of Specimens to conduct Practicals
Thursday 7-9-23	10 - 10.30 10.30 - 11.30 11.30 - 13.30 12.30 - 1.30 3 - 6		Lecture workshop "UC" Submission in the managem Non-chordale - General characters Ultrastructure of an arenal cell. Arrangement of Microscopes to conduct Practic Study of Simple & Compaured microscope
Friday	10 - 10.30 10.30 - 11.30 11.30 - 12.30 12.30 - 02.30	¥	PPT Preparation Locomotion & Nutrition in Brotzera Structure of Genes Protozoans slides arrangement for Brachicouls
Saturday	3-6 9.30-10:30 10:30-11.30	I I I	culture of Paromoecium & Protozoa stides classification of Phylum Brotozoa cistron, Ruon and muton
9-9-23	11 30 -12 30	H TR	Stoucture of anemal cell Nutrition and becomption in Protozoa

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Signampoficincipal M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, Krishnamurthyouram,Mysunt.

Time	Sem	Topics covered
10 - 10.30		Protozoa notes preparation
10.30-11.30	X-	Reproduction in Paramoeilum
11.30 - 12.30	エ	Plasma membrane
12.30 -1.30		RNA Polymerases - Eypes
a - 6	Í	study of Simple, Compaind & Binacular micros
		Spel
		Evaluation at Parischabhavan, Mysur
		SPCI
		Evaluation at Parikshabhavan, Myx
	(B)	0
10-10.30		Preparation of Mothylene blue stain
10.30-11.30	X	Origin of chordates
11.30 - 18.30	T	Fluid mosalc model of Plasma membra
12.30 -1.30		Buccal epithelial cell slide Preparation
2-5	T	Study of different types of cells
10-10-30		International day of Democracy Celebration
10.30-11.30	10	Bosic charactus of chardates
11.30-12.30	T	ONA Polymerases - types
12.30 -1.30	1926	Risult analysis of TV Semister DEE.
2- B	J-	Porizera - Sycon, Hyalonema & Euspongea.
130 - 10.30	F.	Characters
10.30-11.30	III	DNA Replication in Prosayotes
11.30-12.30	I	Functions of Plasma membrane
12.30 - 1.30	¥	classification of phylican chordates.
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	10.30-11.30 11.30 - 12.30 12.30 - 1.30 3 - 6 10 - 10.30 10.30-11.30 11.30 - 12.30 12.30 - 1.30 12.30 - 1.30 12.30 - 1.30 12.30 - 1.30 12.30 - 12.30 12.30 - 10.30 10.30 - 10.30	10.30 - 11.30 $11.30 - 12.30 $ $12.30 - 1.30 $ $11 $ $3 - 6 $ $11 $ $3 - 6 $ $11 $ $3 - 6 $ $11 $ $10 - 10.30 $ $11.30 - 12.30 $ $12.30 - 1.30 $ $10.30 - 1.30 $ $10.30 - 1.30 $ $10.30 - 1.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 $ $11.30 - 12.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30 $ $11.30$

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Principal Sarada Vilas College, Krishnamurthypuram,Mysuru,

Day & Date	Time	Sem	Topics covered
			Holiday
Monday			on account of
10 10 10			( Coanesho Chatwith:)
18/9/23			c courrestar c.nerestar.)
Tuesday	10-10-30		of Timetable allotement
	10.30-11.30	V	classification of chordates
	11.30-12.30		Endonembrare system
19 9 23	12.30-1.30	TI	DNA Rupilication - Burayote
	2-6	T	Brotochardala - Balanoglossus, Amphiacus
	10-10.30		PPT Preparation
Wednesday	10-30-11-30	X	Hemichordata - Introduction
	11-30-12-30	÷	Protochordata manual Preparation
80 9 23	12.30-1.30		Balanoglossus - Habit + Habitat
	3.00-5.00		Departmentstack verification
	10 - 10 30		Mitosis-slides artangement to Bacticols
Thursday	10-30 -11:30	V	Type study of Balanoglosus
147 U	11.30-12.30	I	Prokin torgeting and Sorting
21/9/23	1230-130		open elective day - Introduction.
<	2-6		Mitosis - Brophare Motophare, Anghares Telphan
	10-10.30		Sharada voni " report Prepartion
	10.30 - 11.30		Tomaria larva and Pts affinition
Friday	11.30 . 12.30	TIL	Transcription
20/9/23	12-30 - 1.30		Discipline committee meeting with Principal
0	2-6	V	Cartilagenous pishes
Saturday হুও]9 23	9.30-10.30	¥	Appinition & Systematic position of Hemichodet
	10.30 - 11.30	TI	Transcription in Pro Karyotes
	11.80-1230	I	endoytosis and exceptores
Andrew Alberto	12.30 -1.30	V	Systematic position of Hemithordata

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Signature of Principal M.Sc., M.Phil., Ph.D. Principal ×. Sarada Vilas College, Iglamanana Anam Mysuns

Day & Date	Time	Sem	Topics covered
Monday &5 9 83	10 - 10 30		Preparations to organize orientation Bagram
	10.30-1130	X	Affinities of Hemichardates
	11.30.1230	-I-	artoskeleton - Microstubules
	12:30 - 130 Q - 6	TI III	Principle & applications of lab equipments
	10 - 10.30	Ś	Preparations to organize Orientation Program
	10.30-11.30	V	Uzochordata - Herdmania
Tuesday	11.30 - 12.30	T	cytoskeleton - Microfelaments,
86/9/23	12-30 - 130	T	Ofference beterren Bierayotic + Eurayotic +ranorip
	2-6	V	Bony Jishes - Diodon, tetradon & Hippacampus
	10 - 10.30		
	10.30-10-30		
Wednesday	10 30 - 12.30		Caseal leave
2419/23	12 30 - 1.30		
	2-6		
	10 - 10:30		
Thursday	10.30 - 11.30		Government Holiday
÷	11-30 - 12.30		on account of Eid milad
28/9/23	12 30 - 1 30		<b>)</b>
	2-6		
	10 - 10.30		
	10:30 -11.30		Government declared holiday due
Friday	11.30 - 12.30		to Kamataka Bandh.
<b>શ્વ</b> [9]રુ			
	2-6		
1 1	9-30 - 10-30	¥	Morphology of Ascedia
	10.30-11.30	TU	Crenetic code and its features
	11.30 - 12.30	- -	Meachondria - structure
	12.30 -1.30	41	Tadade lance and retrogressive metamorphi
		-	

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Day & Date	Time	Sem	Topics covered
Monday Oহ্ব 10 হত্র			Holiday (Grandhi Jayanti)
Tuesday 03/10/23	10 - 10.30 10 30 -11 30 11 30 - 12 30 12 30 - 1 30 8 - 6		Inauguration of training Brogramme for dirls on Employability of Strills Cephalochordata Aridative phosphorylation Translation. in Proceeding of es Ornamental fishes
Wednesday 0H \เอ อ3	10-1.30 Q-5		Face to Face workshop for Adoloscent girl Validuetory programme
Thursday 05/10/23	10 -10.30 10.30 -11.30 11.30 - 12.30 12.30 - 1.30 2 - 6	AT I	Practical manual Preparation-I um Branchiostoma (Amphioxus Electron transport system Karyotype Preparation for Practicals Karyotype and Idiogram
Friday 06/10/23	10 - 10.30 10.30 - 11.30 11.30 - 12.30 12-30 - 1.30 2 - 6	12	32-23 Anual report Preparation Digestive system of Amphéocus Franslation in Eukayyoty Arrangement of Specemeny to Practicale Cnicharia - Aurilia, obelia, Metridium
Saturday 07110123	0.30 - 10.30 10.30 - 11.30 11.30 - 12.30 12.30 - 1.30	AHENA	Feeding muchanism. Difference between ProxosyotzyE Toulds Peroxesomes and Ribosomes Excorectory system in Amphiores

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Day & Date	Tume	Sem	Topics covered
and the second	10-10-30		CR-selection Circular Preparation
	10:30 - 11:30	V	Circulatory system in Amphiacues.
	11.30 - 12.30	I	Functions of Rubosome
	18.30 - 1.30	TU	Centritugation - Prenciples & Types
	2-6		Tore Pastanting Buffer solutions of degesors Pt
Idesday	10 - 10.30	2	Stredy naterial Preparation
	10.30-11.30	_	
10/10/23	11.30 -12.30		Cell division - Introduction to cell cycle
1011 14~		T	Applications of Centrifugation
	2-6	<u> </u>	Accessory respiratory organs
	10 - 10.30	~	Cultural committee work
Wednesday	10-30-11-30	<u> </u>	Agratha - General charactus
	11 30-12,30		cil division PPT Preparation.
11/10/23	12.30 - 1.30	V	
	&-5		Course outcome Preparation
	10 -10.30	-	PPI Preparation
Thursday	10.30-11.30	Y	Salient features of cyclostomata
12/10/23	11.30 -12.30	1	Karyotype Preparation for Practicaly
1-1-1-2	12.30 - 1.30	Y	
	2-5		Practical manual Preparation
		1.1	Field vesit to Kara: Lake to stude
Friday	10-6	V.	Avian journa and Butterfly farena
13/10/23	10 0	2	& Sca shell art museum to study
			different types of Molluscan shells
Saturday M\10\23			Holeday
	1		
			Mahalaya Amavarya

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Day & Date	Time	Sem	Topics covered
	10 - 10.30		Field visit suport Preparation
Monday	1030-11.30	V	Cyclostomata and ostracoderme
	11.30 - 10.30		Field visit report Preparation
16/10/23	12.30-1.30	TI	Principle and Applications of chromatograph
	2-5		Field visit photo collection & suport Preparation
	10 - 10.30		Attendence shortage list Preparation
Tuesday	10.30 -11.30	N.	Ammo coete arva + its significance
17/10/83			Cr. 3 and Cre phases of cell yde
Princing	18.30 - 1.30		Arrongement of Specimens to corduct practicals
	2-6	Z	Strudy of Coral's - Astraca, Fungiar lugarin
			University of Mysore has declared
Wednesday			holiday on account of
18/10/23			10.3th convocation.
101 10			
	9.30-10.30		Discipline maintenance in the college Bernises
Thursday	10.30-11.30	V	Vertebrates general characters
			Discipline maintenance in the college Premises
19/10/23	12.30 - 1.30	Y	Pisces - chonderchthyes
	2-5		Practical manual preparation
	10 - 10.30		Planingrof departmental activities
	10.30-11.30	X	Ostichthyes & Significance of diproi
Friday	11.30-12.30	JU	Colorimony Prencipal
80/10/23	12-30 - 1-30		Arrangement of Specemens for Practicale
	2-6	X	Accessory respiratory organs.
	10-10.30		Preparations to organize managemention
Saturday	10-30-11-30		of student Forcem" Program
21/10/23	11-30-12-30	I	Cell signaling
	12.30-1.30	N	features of placederne with examples

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Day & Date	Time	Sem	Topics covered
Monday 23   10  23			Holiday (Ayudha pogja)
Tuesday 8म्\ा०\इ <b>उ</b>			Holiday (Vijayadashami)
Wednesday হৃ5]10]হ 3			Casual Jeave
Thursday S6/10/83	9.30-10.30 10.30-11.30 11.30-12.30 12.30-1.30 2-5.		Discipline maintenance in the college Broni Salient fratures q sphenodon. Crocodite Discipline maintenance in the college Broni Ratital & Carinatal with examples. Discipline (ormittee work
Friday Q711023	10 - 10.30 10.30-11.30 11.30-1230 12.30-1.30 2 - 6	I I I I	Department meeting
Saturday SS 1023			Holiday Valmini jayanti

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Signature of Principal

Or. M Devika M.Sc., M.Phil. Ph.D. Principal [ Sarāda Vilas Collage, ' Krishnamurthypuram, Mysuru,

Day & Date	Time	Sem	Topics covered
•	10-10.30	Y	Arthropoda - General characteris
Monday	10-30-11-30	X	Morphology & Prawn
· · · · · · · · · · · · · · · · · · ·	11.30 - 10.30		Trangaration Printation distribution
30/10/23	12.30 - 1.30		
	2 - 5	1	Spectrophotometre Prenueple program Preparations to organize inauguration
			Transvertion a Student Forum
	10-1.30		and cultural club.
Tuesday	10-1100		
31/10/23	2-6	$\bigtriangledown$	Amphibia specimen study
	Q. U		Juipin of O
Wednesday			ಕನ್ನಡ ರಾಸ್ಸ್ಯೊನ್ನೆಟದ Gorant ಸರ್ಕಾರ ರಜೆ
0111/23			THE DE DE
0111123			1000 - 100
	9.30-10.30		Discipline maintenance in the college
The	10.30 - 11.30	2553	Nervous system & Reproduction in Plawn
Thursday	11.30 - 19.30		IA question paper Puparation
02/11/23	10.30 - 1.30	-	Mollisca - general characters
	2-5	· ·	cultural committee document Preparation C-7
	10 - 10.30		Department NAAC WOTK
	10.30 - 11.30	-	Newous system & reproduction in Pila
Friday	11.30 - 12.30	/	Application, Spectraphotometry
03/11/23	1030 - 1.90		Cultural Program report Preparation
	2-6	V	Mollusian shells.
	10-10-30		NAAC WONLY.
Saturday	10.30-11.30	-	[ vochana vachana - vejalzyana
		-	Competition organized by Kannade die
૦મ (૫) જી	12.30-1.30	1	

Signature

Signature of Principal Dr. M Devika M.Sc., M.Phil, Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, My: na.

Day & Date	Time	Sem	Topics covered
Monday	10 - 10 30 10 30 - 11 30 11: 30 - 13.30 12: 30 - 1.30 2 - 5	J.	2- Narte Verification in the department Repiration and shell in pila Field visit report Preparation for NAAC Principle & Applications of Ptimeter IA test question paper Preparation
Tuesday 07/11/23	10 - 10 . 30 10 . 30 - 11 . 30 11 . 30 - 12 . 30 12 . 30 - 1 . 30 2 - 6	I	Question paper arrangement to conduct IA. Nervous system & Reproduction in File Cell- cell interaction Psuparations for IA text Reptilia - Specemens and spices. B2
Wednesday 08/11/23	9.30-5		IA test duticy
Thursday 9/11/23	9.30-5		IA test duties
Friday [b] [1] 23	9.30-5		IA test dufies.
Saturday 11 \ 11 \ 23	10 - 10.30 10.30 - 11.30 11.30 - 18:30 12.30 - 18:30	Ţ	E-Waste verlication en the department IA booklet correction Cellular junctions Dehenodermala characters

Signature

(VI Signature of Principal Or. M Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas Collage, Krishnamurthypuram, Mysuma

Day & Date	Time	Sem	Topics covered
Monday 19]11]23			Casual leave
Tuesday 1अ 11 २3			Holiday (Deepavali ^s )
Wednesday 15/11/23			Casual Jeane
Thursday	9.30-10.30 10.30-11.30 11.30-19.30 18.30-1.30 2-6	TT	Discipline committee work Internal assessment broks evaluation Injections diseases Student Mentoring work Mutants of Drosophila melanogaster
Friday 17/11/23	10 - 10.30 10.30 - 11.30 11.30 - 12.30 12.30 - 1.30 2 - 6.	T	Preparations to organize an awareness Programme from Past committee Radio-grace technique Tuternal assessment books evaluation UCro stack verlpication
Saturday 18/11/23	10 - 10.30 10:30-11-30 11:30-12-30 12-30-1.30	E F	Invitation Preparation to organize awareness Programme on Prevention of Excual Introduction to Pathogenic organisms Morphology of Pentocenos

Signature

()Signature of Principal M.Sc.,M.Phil.,Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysun

Day & Date	Time	Sem	Topics covered
	10 - 10.30		Table of agenda Preparation for Program
Monday	10 30 -11-30	V	Types of caudal fins and scales post
8	11-30-12.30	-	decture hall - 3 Brepangements to organize Program
Soluma	10.30-1.30	TT	Agarose gel- electrophoresis, 3D3-PAGE
	2-5		Awarenes Program on Prevention of Sexual horasone
	10 - 10.30		Report Preparation - POSH Program
Tuesday	10.30-11.30	N	Origin of Amphibia, Neoteny
21/11/23	11.30 . 12.30	T	Virases as pathogenic organisms.
SILII MAS	12.30 - 1.30	~	Report Preparation - POSH Program
	<u></u>	V	Bchinodermala specemens and slides.
	10-10:30	6	Certificate course - Preparation
Wednesday	10 30 11 30	X	Adaptive radiation in extinut reptiles
······································	11:30-12:30	/	Apartment NAAC document Preparation - C-1
22/11/33	2 - H	Ý	Temporal fossae in Reptiles Discipline committee work Health awareness programme
	4-5	(,	
	9.30-10.30	1	Discipline moentanine on the college Premis
Thursday	10.30 -11.30	-¥	Poison apparatus and biting mechanic Disceptine nountenance in the college Premis
23/11/23	11.30-12.30	1	Parental care in Pisces & Amphibians
	2-5	TIAT	
1	10-10.30		Repartment NAAC WORK
	10.30-11.30	V.	Flight adoptation in birds
Friday	11.30 - 12.30		C. nettria - 3 work - Mou (Youth for seva)
34/11/23	12.30 -1.30		Arrangement of specemens to conduct Brock
Juna	2-6	V	Aves - All birds - beak & foot modific
			GOD
Saturday			National conference on IPR
25/11/23			organized by vidyavardhaka First
		-	Grade college, Mysure

Signature

Signature of Principal MSC,MPH,PLQ Principal Sarada Vilas College, Krishnamurthypuram,Mysuru

Day & Date	Time	Sem	Topics covered
	10 - 10 30		Preparations to organize rannada program
Monday	10-30-11-30	V	Dentition in mammals.
	11.30-12.30		Kannada rajyethsava Program
84/11/23	12.30-1.30		DNA Sequencing (Sanger 3 Eldenzy method)
	2-5		Chromatography demonstration
	10-10.30	1	Result analysis of TV somester
Tuesday	10.30-11.30	X	Migration in Pisces
ruesuay	11-30-12.30	T	Backeria and Funge as Pathogens
28/11/23	12.30-1.30		Criteria - I work - Field visit documental
	2-6	V	Mammalla - Mongoose, Squissol, Pangolin
	10 - 10.30		Result analysis of It Semerter
	10.30 -11.30	V	Migration in Birds & Mammale
Wednesday	11,30-12.30		Scheme of Practical exam (I) Preparation
29/11/23	12.30-1.30	V	Integumentary system
	2-6	V	Special class - Vertual dessection
Thursday			Holiday on accounty
S			Kanakadasa jayanthi
30/11/23			
	10-10.30	-	Discipline maintenance in the college Promis
	10-30-11-30	Z	Structure of skin and its derivation
Friday	11.30 -12.30	T	Polymerase chain reaction
01/12/23	12.30-1.30		IT-intrastructure documentation.
	2-6	I	Skeletal system in man
	10 -10.30		Online voter registration for
Saturday	10-30-11-30		Prst year students
1.000		T	Protozoa and worms as Pathogen
03/15/83	11.30 -1230	A	Comparative account of Asial skeleton
	12.30 - 1.30	~	Curpanta accuracy mana skeleton

Signature

Signature of Principal M.Sc., M.Phil., Ph.Q. Principal Sarada Vilas College, Krishnamurthypuram, Manuel

Day & Date	Time	Sem	Topics covered
	10-10.30		Department NAAC WOXK
Monday	10-30-11-30	V	Comparative account of Skall
oulais	11.30 - 12.30		Invertebrate Zoology notes Preparation
2880.000 (000 (000	12.30 - 1.30	TI	DNA fingerprinting technique
	2-5		Pootozoan sulture observation
	10-10.30		open electrice attendence shortage list proporation
Tuesday	10-30 -11 30	¥	Appendicular skeletal system
05/12/23	11.30 -12.30	J.	storuture and lifewale & Trypanosoma
where	12.30-1.30		Record correction - I resh
	2-6	V	Virtual dissection farthworm deech
	10 -10 .30		Preparations to conduct cultural club meeting
	10.30-11.30	X	Comparative study of Heart.
Wednesday	11-30-12-30		Meeting with cultural committee members.
06 18 23	12.30 - 1.30	X	Lite cycle of deathopper and Rodents
	2-5		Talent Search "Invitation & Circular Preparation
	9.30-10.30		Disceptine maintenance en the collige
Thursday	10.30 -11.30	K	Termite and mosquetoes and their control
8 IN IN	1)30-1230		Practical exam ge preparation
09/18/103	12.30 - 1.30	V	Mosquitoes and their control measures
	2-5		Assignment evaluation
	10 - 10.30		Muing agenda Preparation
	10.30 - 11.30	¥	Comparative account of Respiratory system
Friday	11.30 - 12.30	TH	131ISA Technique - Princeple & opplication
08/18/83	12.30 - 1.30		Meeting with cultural alub members to oppnize
	2-6.	4	Vertual dessection of anemals
	10-10.30	1805	Créteira -1 document Breparation
	10.30-11.30		Certificate course, syllaber-work diany
09/12/23	11.30-12.30		Streetwe and life yele of Cuardia
6.92 B	12 30 - 1.30		Abritic arches in all vestebrates.

Signature

a Signature of Principal M.Sc., M.Phil. Ph.O. Principal 1 Sarada Vilas College, Yelshnamurthypuram, Mysun

Day & Date	Time	Sem	Topics covered
	10 - 10.30		Department inventory unt Bugaration
Monday	10.30-11.30	¥	Succession of kidney in Vestebraty.
2 E	11.30-12.30		Department inventory list Buparation
11/12/83	10.30-1.30	TH	Southern blotting technique
	2-5	~	Registration of Students for Talent Search
	10 ~ 10.30		
Tuesday	10.30-11.30		
	11.30 - 10.30		Carval deave
12/2/23	18.30 - 1.30		
	2-6		
	10 - 10 30		Practical IA bookers evaluation.
	10.30-11.30	Y	dac insect - morphology & culture
Wednesday	11.30 - 19.30		Participants list preparation for Talent sorth
celsules	19.30-1.30	V	Comparative account of Kidney
	8-5		"Talent search" for I sem students
	10 - 10.30		Amongements to conduct student Form meeting
Thursday	1030-11.30	¥	Co Levt - Paper - 2 (Theory)
	11.30 - 12.30		Student Forum & clubrual club meeting
14/12/23	12.30-1.30	Y	Respiratory system in Vertibration
	2.00-5		Proposations to organize Alumni meet.
	10-10.30		Assignment evaluations
	10.30 - 11.30	X	Vermiculture d'its significance
Friday	11.30 - 18:30	TT	Ca test for it somester students.
15/12/23	12-30 - 1.30	15%	Preparations to organize Alymni met.
	2-6	V	Soil rematodes, veternary & human Pest
	10 - 10.30	174	Attendence and feedback committee
Saturday	10-30 - 11.30		work in Alumai meet,
	11.30 - 12.30	T	Streichere & lipecycle of whicheraria
10 1 100-5	12.30-1.30	1	Co test - Paper - 2 ( The ony )
	1000-100	Y	the use - topor - a ( 1000y)

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day of the 1st, 3rd + 5th semister programmes - 22/12/2023 Last working

Day & Date	Time	Sem	Topics covered
	10-10-30		I sem attendence upload in www. Portal.
Monday	10.30-11.30	V.	Nervous system in vertebrate.
18/18/23	11.30-18,30		I a I sem attendence upload in overnsported.
OLICIAD	1230-130	TIL	Northen blotting & Western blotting
	2-5		Document preparation for JD office Adil
	10-10:30		OF attendence entry in were Portal.
Tuesday	10,30-11,90	I	Comparative account à brain
19/18/23	11.30 - 1830	I	Créardiasis
17112123	12.30-1.30	I	Anangement of specimens to conduct revision. Pultical Rivision - Paper-V
	10 - 10.30		Department NAAC WORK
	10.30 - 11-30		Economic Zoology has culture
Wednesday	11.30 - 12.30	636367	Department NARC WORK
	10.30 - 1.30	Sec. 1 645	Verniquellere & vernicompost.
	2-5		Seminar presentation by students
	10 - 10-30	1	JA martis entry
Thursday	1030-11.30	J.	Comparative account of broin invertebral
Aste	11,30-12.30	1	JA marks entry
21/12/23	12.30-1.30	¥	Paulty & defferent types of poultayspecies.
	2-5		Record correction « certification.
	10 - 10.30	V	Structure of brach in Asis & mound
Friday	10-30-11-30		Streicher y brach in Ares & mounday
	11.30-18.30		Practical IA marks entry
82/18/23	10.30-1.30 N - 5	V	Pracheal Reversion - Paper - vi
	10-10.30	_	Practical eram Timetable preparation
Saturday	10.30-11.30	I	Wuchereien braneopti - moghology
o	11.30-02.30		I sem Record correction
			Last Working day
0.			$\cup$ $\cup$

Signature

Signature of Principal M.Sc., M.Phil. Phil Principal 1 Sarada Vilas College, Krishnamurthypuram, Mysun



# SARADA VILAS COLLEGE

## MYSURU



WORK DIARY OF SHAKUNTHALA

### DEPARTMENT OF ZOOLOGY

### EVEN SEMESTER

2023-2024

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

ದೂರವಾಗ ಸಂಖ್ಯ : 2419677/2419361 0821-2419363/2419301



ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕಾರ್ಯಸೌಧ, ಕ್ರಾಫರ್ಡ್ ಭವನ, ಮೈಸೂರು–570005

ಥಿನಾಂಕ: 10.01.2024.

ಸಂಖ್ಯೇ:ಎಸಿ7(ಎ)/456/2016-17

## ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆ-01

ವಿಷಯ: 2023–24ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಗೆ ಸ್ನಾತಕ ಪದವಿ ಪ್ರೊಗ್ರಾಂಗಳ ಪರಿಷ್ಕೃತ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಯನ್ನು ಪ್ರಕೆಟಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ಈ ಕಛೇರಿಯ ಸಮಸಂಖ್ಯೆ ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆ ದಿನಾಂಕ 26.10.2023 ಮತ್ತು 01.12.2023.

******

ಉಲ್ಲೇಖತ ಪರಿಷ್ಕೃತ ಅಧಿಸೂಚನೆಗಳಲ್ಲ ಪ್ರಕಟಸಿದ್ದ 2023–24ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಅನ ಸ್ನಾತಕ ಪೋಗ್ರಾಂಗಳಗೆ ಸಂಬಂಧಿಸಿದ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿಯನ್ನು ಪರಿಷ್ಠರಿಸಿ ಪ್ರಕಟಸಲಾಗಿದೆ.

ಈ ವೇಳಾಪಟ್ಟಯನ್ನು ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಧೀನಕ್ಕೊಳಪಟ್ಟ ಸ್ನಾತಕ ಕಾಲೇಜುಗಳು ಘಟಕ ಕಾಲೇಜುಗಳು. ಸಂಯೋಜತ ಹಾಗೂ ಸ್ವಾಯತ್ತತೆ ಪಡೆದ ಎಲ್ಲಾ ಕಾಲೇಜುಗಳು ಅನುಸರಿಸುವಂತೆ ಸೂಚಿಸಲಾಗಿದೆ (ಪರಿಷ್ಕೃತ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟ ಲಗತ್ರಿಸಿದೆ).

#### ಕುಲಸಹವರಿಂದ ಕರಡು ಅನುವೊಂದಿಸಿದೆ.

ಇವರಿಗೆ;

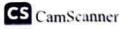
- 1. ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಧೀನಕ್ಕೊಳಪಡುವ/ಮಾನ್ಯತೆ ಪಡೆದ ఎల్లా ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ.
- 2. ಕುಲಸಚಿವರು (ಪರೀಕ್ಷಾಂಗ), ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
- 3. ಕುಲಸಚಿವರು, ಹಾಸನ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಹಾಸನ.
- 4. ಕುಲಸಚಿವರು, ಮಂಡ್ಯ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮಂಡ್ಯ.
- 5. ಕುಲಸಚಿವರು, ಚಾಮರಾಜನಗರ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಚಾಮರಾಜನಗರ.

ಎರಡನೇ ಮತ್ತು ನಂತರದ ವರ್ಷಗಳ ಪದವಿ/ಸ್ನಾತಕ ಪದವಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಮಾತ್ರ ಅನ್ವಯಿಸಲಿದ್ದು, ಈ ಶೃಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿಯನ್ನು ನಿಮ್ಮ ವ್ಯಾಪ್ತಿಗೆ ಒಳಪಡುವ ಕಾಲೇಜು / ಸಂಸ್ಥೆ / ವಿಭಾಗಗಳ ಪ್ರಾಂಶುಪಾಲರು/ ನಿರ್ದೇಶಕರು / ಅಧ್ಯಕ್ಷರುಗಳ ಗಮನಕ್ಕೆ ತರುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಉಪ ಕುಲಸಚಿವ (ಶೈಕ್ಷಣಕ) ಕಾಶ ಬಲನಾಡಿದ್ದು (ಶೈಕ್ಷಣಕ)

- 6. ಎಲ್ಲಾ ನಿಕಾಯದ ಡೀನರುಗಳು, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 7. ನಿರ್ದೇಶಕರು, ಗಾಂಧಿ ಭವನ/ಅಭಿವೃಧ್ಧಿ ಅಧ್ಯಯನ ಸಂಸ್ಥೆ/ಕುವೆಂಪು ಕನ್ನಡ ಅಧ್ಯಯನ ಸಂಸ್ಥೆ/ಪ್ರಸಾರಾಂಗ/ ವಿದ್ಯಾರ್ಥಿಕ್ಷೇಮಪಾಲನ ಕಛೇರಿ/ಸಿಸ್ಟ್/ಡಾ.ಬಿ.ಆರ್.ಅಂಬೇಡ್ಕರ್ ಸಂಶೋಧನ ಮತ್ತು ವಿಸ್ತರಣಾ ಕೇಂದ್ರ/ಮಹಿಳಾ ಅಧ್ಯಯನ ಕೇಂದ್ರ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- ನಿರ್ದೇಶಕರು, ವಾಕ್ ಮತ್ತು ಶ್ರವಣ ಸಂಸ್ಥೆ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 9. ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು, ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ, ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಡಾ.ಬಿ.ಆರ್.ಅಂಬೇಡ್ಕರ್ ರಸ್ತೆ ಬೆಂಗಳೂರು.
- 10. ಕಾರ್ಯನಿರ್ವಾಹಕ ನಿರ್ದೇಶಕರು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್, ಪ್ರಾಲೇಸ್ ರಸ್ಯೆ, ಬೆಂಗಳೂರು.
- 11. ಹಣಕಾಸು ಅಧಿಕಾರಿಗಳು, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
- 12. ಆಡಳಿತಾಧಿಕಾರಿಗಳು, ಆಡಳಿತಾಧಿಕಾರಿಗಳ ಕಛೇರಿ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 13. ಗ್ರಂಥಪಾಲಕರು, ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಗ್ರಂಥಾಲಯ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 14. ಉಪ ಗ್ರಂಥಪಾಲಕರು, ಸ್ನಾತಕ ಗ್ರಂಥಾಲಯ, ಮಹಾರಾಜ ಕಾಲೇಜು ಆವರಣ, ಮೈಸೂರು.
- 15. ನಿರ್ದೇಶಕರು, ಪಿ.ಎಂ.ಇ.ಬಿ., ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
- 16. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ, ಮೌಲ್ಯ ಭವನ, ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು.
- 17. ನಿರ್ದೇಶಕರು, ದೈಹಿಕ ಶಿಕ್ಷಣ ವಿಭಾಗ, ಸ್ಪೋಟ್ಸ್ ಪೆವಿಲಿಯನ್, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು.
- 18. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಬೆಂಗಳೂರು.
- 19. ನಿರ್ದೇಶಕರು, ಪದವಿ ಮೂರ್ವ ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಬೆಂಗಳೂರು.

ಪು.ತಿ.ನೋ



#### UNDER GRADUATE PROGRAMMES

REVISED ACADEMIC CALENDER OF EVENTS FOR UNDER GRADUATE PROGRAMMES OF THE AFFILIATED/ CONSTITUENT/ AUTONOMOUS COLLEGES OF THE UNIVERSITY OF MYSORE FOR THE ACADEMIC YEAR 2023-24

SI.No.	EVENTS	Dates
1.	Admission Process	20.05.2023 to 31.07.2023
2.	Last date for admission to 1 st Semester	15.07.2023
3.	Last date for admission to 1 st semester with fine	10.10.2023
4.	Commencement of 1 st , 3 rd and 5 th semesters classes	31.08.2023
5.	Completion of admission of II and III year, uploading of fee receipt & promote to II & III year at UUCMS Portal	17.10.2023
6.	Last working day of the 1 st , 3 rd & 5 th semester programmes	22.12.2023
7.	Mid Term vacation (including conducting of Examination & Valuation work of 1 st , 3 rd & 5 th semesters)	26.12.2023 to 10.02.2024
8.	Commencement of 2 nd , 4 th and 6 th semester Classes	12.02.2024
	Closure of 2 nd , 4 th and 6 th semesters – (Including conducting of Examination & Valuation work of 2 nd , 4 th & 6 th Semesters)	30.06.2024
9.	Commencement of Examination	01.06.2024
	Terminal vacation	01.07.2024 To 09.07.2024
10.	Commencement of next Academic Year for this batch (2024-25)	10.07.2024

#### NOTE:

- 1. If a particular day is declared as a holiday or happens to be holiday then the Corresponding event will come into effect on the next working day.
- 2. Notification regarding Calendar of events relating to the conduct of Examination will be issued by the Registrar (Evaluation) from time to time.

DRAFT AN PROVED BY THE REGISTRAN

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

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REVISED ACADEMIC CALENDER OF EVENTS FOR UNDER GRADUATE PROGRAMMES OF THE AFFILIATED/ CONSTITUENT/ AUTONOMOUS COLLEGES OF THE UNIVERSITY OF MYSORE FOR THE ACADEMIC YEAR 2023-24.

SI.No	EVENTS	Dates
1.	Admission Process	20.05.202 to
2.	Last date for admission to 1 ^s Semester	31.07.202. t 15.07.2023
3.	Last date for admission to 1 ⁵¹ semester with fine	10.10.2023
4.	Commencement of 1 st , 3 rd and 5 th semesters classes	31.08.2023
5.	Completion of admission of II and III year, uploading of fee receipt & promote to II & III year at UUCMS Portal	
6.	Last working day of the 1 st , 3 rd & 5 th semester programmes	22.12.2023
7.	Mid Term vacation (including conducting of Examination & Valuation work of 1 st , 3 rd & 5 th semesters)	26.12.2023 to 10.02.2024
8. [·]	Commencement of 2 nd , 4 th and 6 th semester Classes	12.02.2024
	Closure of 2 nd , 4 th and 6 th semesters classes	08.06.2024
	Commencement of Examination, valuation work and vacation	10.06.2024 to 25.07.2024
10.   /	Commencement of next Academic Year for this batch 2024-25)	26.07.2024

NOTE:

 If a particular day is declared as a holiday or happens to be holiday then the Corresponding event will come into effect on the next working day.

DRAFT APPROVED BY THE REGISTRAR 4.24105 DEPUTY REGISTRAR (ACADEMIC) Deputy Registres (Academic) University of Mysore erc-570 005



#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (EVEN SEMESTER) DEPARTMENT OF ZOOLOGY

Day	9.30-10.30	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		VI 200 (ZL)	11 200 (ZL)	IV 200 (ZL)		s	IV SEM	1 ZOO LAB	>
TUE		VI 200 (ZL)	11 200 (ZL)	IV ZOO (ZL)	LU	<	VI SEM	200 LAB	
WED		VI 200 (ZL)		VI 200 (ZL)	U N C H	<	VI SE	M ZOO LAB	>
тни		VI ZOO (ZL)	11 200 (2L)		B R E A	<	II SEM	ZOO LAB	>
FRI		VI ZOO (ZL)	IV 200 (ZL)		ĸ				
SAT	VI ZOO (ZL)	IV ZOO (ZL)	II ZOO (ZL)	VI 200 (ZL)					

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Dr. M Devika M.S. M.Phil.Ph.D. Principal Sarada Vilas Cellege Selshaamurran Tana 198

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#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (EVEN SEMESTER) DEPARTMENT OF ZOOLOGY

#### SHAKUNTHALA

Day	9.30-10.30	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		VI 200 (ZL)		1Vi 200 (ZL)					
TUE			II ZOO (ZL)		L . U . N	۰	VI SEM	200 LAB	<b></b> >
WED		VI ZOO (ZL)			N C H	<	VI SEN	M 200 LAB	>
THU		VI ZOO (ZL)			B R E A	<	II SEM 2	200 LAB	>
FRI		VI ZOO (ZL)			ĸ				
SAT		IV 200 (ZL)		VI ZOO (ZL)					

THEORY = 8 HOURS PRACTICALS = 12 HOURS TOTAL = 20 HOURS

Dr. M Devika M.SC. M.PHIJAD Principal Sarada Vilas College, Krishnamurthypuram, Mysurv

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### VI SEMESTER ZOOLOGY (P-7) EVOLUTIONERY AND DEVELOPMENTAL BIOLOGY

MONTH	HOURS	TOPICS TO BE COVERED
FEBRUARY	8	<b>Unit-I</b> <b>Theories of Evolution:</b> Origin of Life, Historical review of evolutionary concept: Lamarckism, Darwinism (Natural, Sexual and Artificial selection), Modern synthetic theory of evolution, Adaptive radiations: Patterns of evolution (Divergence, Convergence, Parallel, Co-evolution)
MARCH	12	<ul> <li>Population Genetics: Microevolution and Macroevolution: allele frequencies, genotype frequencies, Hardy- Weinberg equilibrium and conditions for its maintenance, Forces of evolution: mutation, selection, genetic drift</li> <li>Unit-II</li> <li>Direct Evidences of Evolution: Types of fossils, Incompleteness of fossil record, Dating of fossils, Phylogeny of horse.</li> </ul>
APRIL	12	Unit-III Gamete Fertilization and Early Development: Gametogenesis, Fertilization, Cleavage pattern, Gastrulation, fate maps and Morphogenesis. Early Vertebrate Development: Early development of mammals including placentation,
MAY	12	Metamorphosis, regeneration, Environmental regulation of development. Late Developmental Processes, Development of eye, kidney, limb in amphibian, Mammalian female reproductive cycles estrous cycle and menstruation, Aging: the biology of senescence.

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### VI SEMESTER ZOOLOGY (P-8) ENVIRONMENTAL BIOLOGY, WILDLIFE MANAGEMENT AND CONSERVATION

MONTH	HOURS	TOPICS TO BE COVERED
FEBRUARY	6	<b>Unit-I</b> <b>Ecology:</b> Introduction to ecology, Definition, ecosystem, types of ecosystem, food chain and food web, trophic levels. Environment: Definition, types of environment, terrestrial, aquatic, desert, grassland and aerial environment.
MARCH	8	Unit-II 2. Pollution: Definition, types of pollutants, air, soil, water and thermal pollution, ozone layer depletion, biomagnifications, bioaccumulation and bioremediation. Effects of pollution on plants and animals
APRIL	8	Unit-III 3. Wildlife Conservation: National parks, Wildlife sanctuaries, biosphere reserve. Project tiger. Project Elephant. Habitat preservation, breeding in captivity. Ex-situ and in-situ conservation. Wildlife Protection Act 1972
МАҮ	8	Unit-IV 4. Wildlife Management and Conservation: In-situ and ex-situ conservation: Wildlife sanctuaries, National parks, Biosphere reserves, Project Tiger, Project Elephant, Project Lion, Zoological Gardens and Captive breeding. Wildlife Protection Act, 1972, causes and depletion of wildlife, inventory and classification of wetlands and their biotic components, general strategies and issues, concept of home range and territory, animal census, tracing movement and remote sensing and GIS.

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### IV SEMESTER ZOOLOGY GENE TECHNOLOGY IMMUNOLOGY AND COMPUTATIONAL BIOLOGY

MONTH	HOURS	TOPICS TO BE COVERED
FEBRUARY	4	Introduction to the Immune System Defence against diseases: Introduction, First and second line of defense,. Types of Immunity: Innate and acquired immunity; Humoral immunity. and cell mediated immunity Antigen presenting cells (APC's)
MARCH	8	Role of Band T-lymphocytes, primary and secondary immune response. Functional aspects of organs of the Immune system - Thymus and bone marrow, spleen, Lymph Node. Antigens and Antibodies Antigens and haptens: Properties (foreignness, molecular size, heterogeneity). B and T cell epitopes.
APRIL	8	Structure of IgG and functions of different classes of immunoglobulins., Major histocompatibility complex - Structure of MHC I & II. Clinical Immunology, Immunity against diseases of viral, bacterial and protozoan infections. Vaccines: Types and Uses - Immunization schedule for children.
МАҮ	8	Transplantation immunology: Transplantation of organ- Types, graft rejection and Immune- suppressors. Biostatistics I Measures of central tendency: Mean, Median, Mode, Data summarizing. Revision

0 Or. M Devika M.Sc., M.Phil., Ph.C. Principal Sarada Vilas College, Kashnumurchypuram Mysuru

### II SEMESTER ZOOLOGY BIOCHEMISTRY AND PHYSIOLOGY

MONTH	HOURS	TOPICS TO BE COVERED
FEBRUARY	3	<ul> <li>Digestion and Respiration in humans</li> <li>Structural organization and functions of gastrointestinal tract and associated glands.</li> <li>Mechanical and chemical digestion of food; Absorptions of carbohydrates, lipids, proteins, water, minerals and vitamins;</li> </ul>
MARCH	4	Physiology of trachea and Lung. • Mechanism of respiration, Pulmonary ventilation; Respiratory volumes and capacities; Transport of oxygen and carbon dioxide in blood, Respiratory pigments, Dissociation curves and the factors influencing it; Control of respiration.
APRIL	4	<b>Circulation and Excretion in humans-</b> Components of blood and their functions; hemopoiesis. Blood clotting: Blood clotting system, Blood groups: Rh- factor, ABO and MN. Structure of mammalian heart.
МАҮ	4	Cardiac cycle; Cardiac output and its regulation, Electrocardiogram, Blood pressure and its regulation. Structure of kidney and its functional unit; Mechanism of urine formation Revision

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Day & Date	Time	Sem	Topics covered
Monday	10 -1.30		Commencement of ord, 11th & 6th sem classes,
	10 1130		Time table preparation
12-2-22	2-5		
	2.2		Attendence Preparation.
	1		
	10-10-30		Individual department Time
Tuesday	10.30.11.30		table Preparation
13-2-24	11.30 -12.30	I	Introduction to Physiology ingeneral
	12.10 -1.30		A A A A A A A A A A A A A A A A A A A
	2-5		Arrangement of Specements to conduct Practical
	10-10.30	-	I & TI sim teaching plan Beparatu
W. J	10.30-11.30	VI	Untroduction to Evolution
wednesday	11.30-12.30		I sem Teaching plan Preparation
121-2-224	18.30-1-30		Attendence Register preparation
	2-5	VI	Paper-vi Excession
	10-10.30		Meeting with timetable committee members
Thursday	10.30-11.30	VI	Usigin a Lite, Lamarkin
	11.30-12.30		"Time table committee work
15-2-24	12.30-1.30		College time table - correction
	2-5	II	Practical syllabus discussion
	10 - 10.30		Requered chemicale list Prepartion
	10:30-11:30	VI.	Introduction to Ecology
Friday	11.30-10.30		PPT preparation to conduct all
16-2-24	12:30-1.30		theopy classes.
	8-5		Buparation of Chemicals to Practicals
	10-10:30		Amangement of specemens in the museum
Saturday	10.30-19.30	Tw	Introduction to immunology
17-2-24	11.30-19.50		Department NAAC work
10	10.30-1.30	IV	Definition + Types of cology
0,			1 Ola A marga

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Signature of Principal Or. M Devika M.Sc.,M.Phil.Ph.A Principal Sarada Vilas College, Krishnamurthypuram,Mysuro

Day & Date	Time		
24, C Date	THRE	Sem	Topics covered
	10-10.30		Invitation correction for Seminar
Monday	10.30-11.30	VI-	Darwinism, modern synthetic theory
19-2-24	11-30-12-30		Invitation preparation for somenan
14 44	12.30-1.30	TV.	Defence appainst diseases
	2-5	/	Preparations to organize internation initian
	10-10.30		committee work distribution
Tuesday	10.30-11.30		to organize international Seminar
20100 IN 10121	11.30 - 10.30	T	Gastrointestinal tract.
90 - 8 - 3H	12.30 -1.30	-	Department NAAC Work
	2-5	VI	Study of tossils from models Picture
	10-10.30		Syllatory ple preparation
S	10.30 - 11.30	IV.	Adaptive radiation
Wednesday	11.30 - 12.30	110	Meeting with the Principal
	12.30-1.30		regarding international Seminar
	2-5	- HK	Lispination of oxygen & Corbordian
	10-10.30		Table of agenda proparation preming
Thursday	10.30-1130	-	tatterns of evolution
	11.30-12.30		Meeting with all clars
ଟ୍ଟଟ - ଟ୍ୟ	10-30-1-30		representives & forum tagalty members
	8.5	Ţ	Prachical syllatry discussion anylar
	10-10.30	-	Nominal stall file preparation
	10.30-11.30	IV	Typas of ecosystem
Friday	11.30 . 10.30	-	Arrangements in the auditorium
23-2-24	12.30 - 1.30	-	to organize Seminar
	2-5		Preparations to organiz Semina
		3	International Semenon on
Saturday	9-6		"Newrodegenerative dissorders &
રમ - ૭ - કમ			inflammation organized by disating
			of Botany & microbiology
P.			

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

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Refousher course en défesciences from 07/2/24 to 13/3/24

Day & Date	Time	Sem	Topics covered
Day & Date			AQAR WOTK
-	10-10-90		Population genetics Microe Macro
	10-30-11.30		AQAA WOOK
	11.30-1230	1	First and second line of defense
26-2-24	10.30-1.30		First and second inter and
	2-5	NI	Study of analogous organs
	10-10.30		Del Constantino Per Greentes
Tuesday	10.30-11.30		Reynesher Course in Life Sciences
	11.30-12.30		(online) from 27.2.24 to 13.3.24
27-2-24	12.30-1.30		Organised by Verc-HRDC, University of Mysore Karnataka
	2-5		Operasity of Mysore trainer
	9-10	J.	Allele fouquerey & Chenotype prequere
	10-5.30	>	Ryricher course
Wednesday			
28-2-24			
and a ag			010/000
	9-10	VÍ	Hardy-weinberg equilibrium Ryresher course
Thursday	10-5.30	>	Represher course
Inuisuay			)
29-2-24	1		
	9-10	VI	Food chain
	10-5.30	2	Represter course
Friday			
01-3-22	x		
	9-10	IV	Types of Immunity
Saturday	10-1.3	0	Represher course
	N		
02-3-2	9		

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Day & Date	Time	Sem	Topics covered
N	9-10.	N)	
Monday OH - 3 - 24	10 - 5.30		Reprosher course
	9-10	TI	Food web
Tuesday 0.5 -3-२भ	10-5.30	)	Represha course.
	9-10	14	Mutation & Natural selection
Wednesday 06 - 3 - 24	10 - 5:30		Represher course
	9-10	TI	Crenetic drezt.
Thursday 07.3-04	10-5.30		Represher course
010 44		<u>8</u>	
Friday			(Mahashivaratri)
08·3-24			
	9 - 10.30 10.30-11.30 11.30 - 1.30	N	Tonate & acquered Emmunity Ryserher course - Assignment

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Day & Date	Time	Sem	Topics covered
	9-10	5	Direct evidences of Friduction.
Monday	10-5.30		Represher Course
			1
11-3-24			
	9-10	NI	Types of posils
Tuesday	10-5.30		Refresher Course
22			0
NQ-3-24			
		~	Trophic level.
	9-10	NI	
	10 - 5 .30		Lost day of Treatment course organ
Wednesday			by HRDG - Mysura.
13-3-24			Online stert and feedback
		N	Active and Passive intercenter.
	930 - 10.30		Trippe on toxicles
Thursday	10.30-11.30		Distribution 9 Seminar topics to Stud
14-3-21	12.30 - 1.30		NAAC WORK
	2-5	TH.	models of nitrogenous bases.
	10-10.30	-	Arrangement & chards in the States
	10.30-11.3		Types of Environment
Friday	11.30-19.3		Department NAAC WORK
57.2	12.30-1.30		Department NAAC WORK
1	Q-5		Department Stock verezecation
	10-10.30		Pois and co's Preparation
Saturday	10.30-11.30	NT .	Humoral & cell mediated immunit
16-3-24	11.30-12.5		Po's and Co's preparation
,	1 8 30st	30 VI	Terrestrial ceosystem

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Day & Date	Time	Sem	Topics covered
	10.10.30		Department meeting
Monday	10.30-11.30	14	Incompleteness of forsil record
Monday			
18-3-24	11.30.12.30	/	Discipline committee work
	12.30.1.30	TV	Antigen Presenting colls
	8-5		NARE WORK
	10 - 10.30		Preparations to conduct meeting
Tuesday	10:30-11-30	-	Department meeting
19-3-24	11.30-12.30	-II-	GJ tract & associated glands
. ( ) sea	10-50-1-30	~	Chromatogrophy-chemical Preparation
	8-5	IV	Study of Homology & Analogy
	10-10.30	1	PPT Preparation
W 1 1	10.30-11:30	VI	Incompletiness of fossil record
Wednesday	11.30-18:30	と	Chemical preparation to
20-3-24	18.30-1.30		estimate flordness of water
2 ¹¹	2-5	VI	Estimation g Hardness & chloride
	10-10.30		IA Committee meeting
Thursday	10.30-11.30	NI	Dating of possils
	11.30-12.30		Amena acidy and depeptidy
81-3-29	12.30-1.30		PPT Preparation
	2-5	I	Models of amino acide + depeptide
	10-10.50		Descrit e cosystem PPT Preparation
	10.30-11.30	VI	Aquatic & desert ecosystem
Friday	11.30-1230	/	Stock verepration in the
82-3-24	12-20-1.30		department
	2-5		Coréteria- 4 Work
	10 - 10.30		IA circular preparation
Saturday	10.30-11.30	TY	Role of B& T dymphaytie
	11.30-12.30		Physics department Stock Verepreation
23.7 4.(	12-30-1.20.	NI	Grassland and derial environment
J3-3 21		NI	

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Day & Date	Time	Sem	Topics covered
	10-30	VI	Adaptive features of plants
	10.30 -11.30	VI	Phylogeny of horse
	11.30 - 85.0		AGAG . WORK
25-3-24	12.30-1.30	IV	Primary & Secondary immune response
	2-5		meeting with the prencipal
	10-10.30		IA Andable preparation
Tuesday	10.30-11.30		IA Timetable proparation
	1130-12.30	T	Mechanical & chemical digestion 9 toa
କ୍ଷ େ - ଅ - ଝ୍ୟ	12-30-1.50		IA committee meeting with convener Study & Verification of Hardy - weinberg law
	8-5	<u>VI</u>	
	10-10.30	1	Biological species concept
	10.30-11:30		Stock Verification report Preparate
Wednesday	11.30-12.30		
27-3-27	18:30-1:30		Analysis of physics chemical parameter
	2-5	NI-	Shortoge of Attendence list Preparation
	10-10.30	-	Advantages & Prinitations of Biological spece
Thursday	10.30-11.30	/	Department NAAC WORK
98.3-31	1 18.30-1.3		Department NAAC WOIL
Seo O w	- 2-5	-11-	Models of ONA and RNA.
		~	
			Grovernment holiday
Friday			[Good Friday]
00 9-9			~
&૧ - ૩- ર	4		
	9.30 - 10.30	VI	TSiologecal species concept
Saturday	10 30 - 11-3	0 10	Thymus & bone marrow
	4 11.30-12.		Adaptive fealow anamaly
	12.30 - 1.5	30 71	Adaptive fealous fananaly
0			
Sl			Signature of Principal
Signatu	re		DY, M Devilka MSCM MD
			Principal
			Sarada Vitas College, Krishnamurthypuram.Mysuru

Crishnamurthypuram, Mysuru

Day & Date	Time	Sem	Topics covered
			Electron training at Maharaja
Monday			Ciovernment digirce college mipun
01 · H · 2H	9.30 -5.00		008.
01-4-24			000
4			
Tuesday			
64			Casual Jeave
02-4-34			
			1
		_	
Wednesday			Casual Jeave
03-49-224			
a 180			
	10 - 10.30	-	JA auestion paper Preparation.
Thursday	10.30 -11.30	NI	Modes of Speciation
	11.30-12.30		List Preparation to send sharadethave body
он -н -24	10.30-01.30	~	Student Seminar
	2-5	II	Qualitative analysis & Carbonydock
	10 - 10.30	-	Egstribution of "Sharadothsava" Brachure
	10.30-11:30	VI	Allopatric & Sympatric speciation
	11.30 -12.30	5	Arrangement of spensimens
05 4/24	12.30-1.30		In the museum.
	2-5		Steedent form & cultural dub work
	10 - 10.30	-	Attendence Shortage list preparation
Saturday	10:30 - 11.30	T	Spleen & Lymph node
06 4/84	11.30 - 18.30	-	JA Time table Preparation
and the second	1220-1.30	NL	Ecological factors

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Day & Date	Time	Sem	Topics covered
	10-10.30		JA Test Circular preparation
Monday	10:30-11:30	VI	Mass extinction & values of wildlive.
08/4/24	11.30-12.30		Disceptine committe work in the camples
0011111	10.30-1.30	IV	Antigons and haptons
	2-5		NAAC WOTK ( AQAR 2023-24),
	10-10.30		IA question papers collection and
Tuesday	1030-11.30		and Booklet arrangements
09/4/24	11.30 -1230	T	Absorption of Carbohydrates & Pipide
0 1141-9	12.30-1.30	-	Preparations to conduct IA Test
	2-5	N.	(maphical supresentation of data
	10-10,30	_	Meeting with student pram members
Wednesday	10.30-11-30	NI	Crameto peresis
weunesuay	11.30-12.30	_	Invitation preparation to organize
10/4/24	12-30-1.30	-	Intercollege fest - "Sharadottsave"
		TT	Ar monitoring for Particulate matter
	10-10.30	~	Heparation to protein estimation
Thursday	10.30-11.30	N	Festilization
11/4/24	11.30-12.30	/	chemical + Sample preparation for Proteine
	12-30 - 1.30	-II	Absorption of proteins, meneralis water
		TR	Qualitative analysis of Proteins
	10-10.30	TT	JA-test Room allotoment vergication
Friday	10.30-11.30		Weather, Climate, gone layer
Ň m	11.30-12.30		Final year note preparation
1214124	12:30-1.30 2-5		Notes preparation
	-2-5		IA commettee Work
Saturday	10-1.30		Internal assessment test - C1
10 50			TOT - M
13/4/224			

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Signature of Principal Dr. M Devika M.SC. M.Phil. Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuni

Day & Date	Time	Sem	Topics covered
Monday \5\4\24	10 - 5		Internal assessment fert. C1
Tuesday १६१म१२भ	10-5		Internal assessment test - GA
Wednesday १२१ म) १२भ	10-5		Internal assessment fert- CA
Thursday 18/भ/वम्	9.30~10.30 10.30-11.30 11.30-13.30 12.30-130 2-5	121/21 12/12/	Bioperties of antigens Causes of dipletion of wildlege Fest averangements Physiology of Frachua + Lung Qualitative analysis of Lipid
Friday ાવ્\ાન\ઢમ્	10 - 10.30 10:30 - 11:30 11:30 - 12:30 12:30 - 1:30 2-5		Sharadothsavo"- "Intercollege literary cultural fest - Doot. Singing competion, Dance, Inglish dibati and Kannorda
Signal Section of the Section of the	10 ~ 10:30 1030 ~ 11:30 11:30 ~ 12:30 11:30 ~ 12:30	IZ IX	IA Booklik correction (11 & iven IA Booklik correction (11 & iven I and T Cell epitopes IA Booklik correction (VI sim) Classification of wetland

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Day & Date	Time	Sem	Topics covered
Monday	10-10.30		IA booklass ( I-valuation)
	10:30-11.30	-	Fate maps, chavage pattern
	11:30-12.30	/	JA evaluation
82-4-34	18.30 - 1.30	-	Storection of immanogobalens
	2-5	TO	Hardy - Heinberg Law Problems
	10 -10.30	-	sontercollege literary & cultural fert
Tuesday	10-30-11-30		bill submission
	11.30-12.30	TI	
<b>23-</b> H-2H	12.30 -130		Michanism of respiration "Sharadothsava" Report Preparation
	8-5		Photo Sersion (For "Sharade" maggine)
	10-10:30		00
	10.30-11.36	VI	Biotic components of wetland,
Wednesday			The Component evaluation and
21-4-24			Dacementation
	2-5	VI	Demonstration of field equepments
		1	president of frank agraphients
Thursday			00D
Thursday			Flection duty at Mahazaja colleg
25-2-24			Mustering
			000
Friday			Election duty at Krishnaraja constituen
26-4-24			a porter and a simulate worthing
aco-n ~n			
	10-10-30		Department meeting
Saturday	10.30.11:30	TT	Immunoglobuling - Types & function
150	11.30-12.30		Invitation preparation to organize validictory
27-4-29		VL	General Strategies + issues
	12.30-1.30		women oppingers Prostag

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pen Signature of Principal MSc. M. Pal, Min. Principal Sarada Vilas College, Crishnamurthypuram, Mysuru

Day & Date	Time	Sem	Topics covered
	10 - 10 30		NAAC WOOK
Monday	10 30 -11 30	VI	Morphogenesis
74	1 30 -12 80		Discipline maintenance in the college
<b>ลๆ</b>  ๚ ่2ห	12.30 -130	TV.	MHGI & T
	8 - 5	32	Quiz & Rangoli competition (cultural clus)
			Croxerment declared holiday
T			to pay tribute to BJP leader \$
Tuesday			former union minister V. Sripivas
30 424			Prosad following his denise.
			Tootal Tottoring As elonad
	930 - 10:30	IV	Veral, Bacturial & Protocan intertion
	10.30-11.30	VI	Oman neene sis
Wednesday		~	To and IT Semester assignment
0115/24	18.30 - 1:30		correction.
N= 18.1	8-5	VI	Ident ration of wild animaly
	10-10.30		Preparations to organize valedictory progra
Thursday	10-30-11-30	VI	Concept of home rang,
	11.30-10.30		po's and co's preparation for
0815124	19.30 -1-30		all the year it is an paraphy
	8.00-430 H. 30-5.30	Y	separation of Annovacial by chromato raphy Cooking without fire & Treasure hunt ( club)
	10-10-30		Annual Athletic meet - Preparateon
	10.30-11.30	VI	Wildlive corridons
Friday	11.30 -18.30		Preparation to organize annual Attrict
031524	18.30-1.30	J.	Cardiac yell
	2-5	W	Stredy of development & cheer
Saturday 04 5 24	9 - 1.30		Annual Athletic meet - 2023-24

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#### Day & Date Time Sem **Topics** covered 10-10:30 a empryonic development N Cienetic basis 10.30-11.30 Monday day Ethnic 11.30-19.30 Joepara 6-19-24 TV occines Dees 12.30-1-30 20 Buparations 8-5 cultural event to 1-thnic celebration day 10 - 5Tuesday 7-5-24 Validictory Student torum Jean mathibhothe Wednesday 9.30 - 5 Andomic lonce QUIDR d Cerimon G~ 8-5-24 10-10.30 Department WOOK 10:30 -11:30 opmental contro enes Thursday 11.30 - 18,30 forun 9-5-24 12-30-1.30 SUDON Doration 2-5 analysis or Nitrocenous warty tracke 10-10.30 NI 10.30-11:30 Census Friday orcellince 11-30 -10-30 aun 10-5-24 18.30-1.30 eremony documento for NAAC NAAC 2-5 WOTK AGAR 2033-2H Malidictory hill Supruliero 10-10:30 tor children Sched TV mmynization 10:30 -11:30 ,00 Saturday Meetino With nei 11.30 -12.50 11-5-24 thind tracenc 0.30-1.30 VL remant

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Day & Date	Time	Sem	Topics covered
	930 -10.30		Streecture of Kidney + Nephron
Monday	10.30-11-30	VI	Remote sensing
13-5-24	11.30-12.30		Arrangement a Sprimen to revision
	12.30-1.30	W	Transplantation of organs
	2-5	TV.	Practical Revision Paper-7.
	10-10.309		
Tuesday	10.30-11.30	-	Steedy of development of Elites
14-5-24	11.30-12.30	T	Palmontary ventilation
in van	12.30-1.30		Broassement of Spectment for revision
	D.00-5	_IK_	Brachial Rivision Paper-8
	10 - 10.30		Attendence shortage list Proparation
Wednesday			Homeobooc genes.
15-5-24	14.50-10.50	-	Structure of thart
10.0-04	1998	And and a second se	Attendence shortage list Preparation
	$\frac{2}{10} = 5$	IL	Practical Revision - Biochemical exprimed
There	10-30-11-30	-	Remote Sensing & EIIS
	10.30 - 10.30	.T	Department meeting to conduct
16-5-24	10.30 - 1.30		Practical examination preparation
	2-5		Internship Report evaluation
٩	30 - 10.30	T	Transport of 02 + co2, Rupinaterpigment
	10.30 - 11.30		Wildlipe tarritory
101	11.30 - 18.30		JEAC JOYK C
7-5-24	12.30-1.30		JOAC WORK,
	2-5	VI	Internal assessment marry entry
	10-10.30	1	Department work J
ACCREMENT PROVIDENT CONTRACTOR	10.30-11.30	IV	Creat sujection + Jmmuno-Supressor3
8-5-24	11.30 - 12.30	· Iv	Internal assusment marily entry
	12.30 -15 30	-WI	Stredent Seminar

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Day & Date	Time	Sem	Topics covered
	10-10:30		Special Casual leave
Monday	10.30-11.30		Esternal examinen
The second s	11.30 - 12.30		(P.F.S. college, Mandya)
20-2-29	12.30 . 1.30	VI	Practical Focam paper 7 - B1
	2-5	N	Practical Forcan Paper -7 + 8 - 82
6	30 - 10.30	W	Data bases- Sequence & Structural
Tuesday	10.30 - 11.30		porrangement of spemines for Practical IA
	11.30 - 12.30	Th	Components of blood & hemopolesis
२१-5-३४	19.30 - 1.30		Scheme of Practical eran Preparation
	Q-5	VI	Practical IA - Paper - 8.
	10 10.30		Arrangement of Specemens to conduct Practical IF
W-1	10-30-11:30		Importance of CITS in animal Sensus
	11.30 - 12.30	TP	Pairioise & Multiple sequence alignmen
22-5-34	12.30-1.30	1	Scheme of Practical exam reparation P-3
	2.5	I	Practical IA - Paper - 2
	10-10.30	10.00	ENS Noty Porparation
Thursday	10.30 - 11.30	VI	Environmental biology rurision
23-5-24	11.30-12.30	J.	Blood clotting & Blood groups
	10.30 - 1.30	VI	Spermens arrangement to Bactical JA Practical IA Paper - 7
	2-5		Practical IA Paper - 7. Po and co preparation for criteria - 2
	10~10.30		Evolution - revision
Friday	11.30-1230		BLAST, CLUSTALW, FASTA
		-	NAAC WORK
an J-aly	12.30-1.30 2-5		Practical exam Scheme preparation
c	30-10.30	TV	Scope & opplications of Bioinformatics
Saturday	10:30-11:30		Preparation of Chemicals to conduct ever
	11.30-1230		Assangement of Spearment to
QU J 24	12.30-1.30		conduct practical ecame
$\sim$			the Provide State Stat

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Day & Date	Time	Sem	Topics covered
<b>Mo</b> nday	9.30-1.30	17	Praitical examination
হন 5 হদ	1.30-4.30	TV	Bractical cocomination
Tuesday	9.30 -1.30	TYL	Marks entry Practical exampnation
28   5   2 H	1.30-H.30 H.30-530	Ĩ	Practical escanisation. Marks entry
	10 - 10.30 1030 - 11.30 11.30 - 1030 1230 - 1.30	0	Internship C, and Co marks entry
	2 - 5 10 - 10.30		Appliation work
3015/24	10:30-11:30 11:30-10:30 12:30-1:30	Į.	Students' seminar file documentation por NAAC
	2-5 10-10.30		Practical exam workdone statement Prepaty Cariteria - 4 physical fecili tily
Friday	10:30-11:30 11:30-18:36 18:30-1:30		photos collection and Documentation for Cristeria - 4 ARAR NARG WOTK in the IRAC DOM
	8-5 10-10:30		Question bank Preparation
4912	10.30-11.30 11.30-12.30 12.30-1.30		Immune suppress ons Question bank Preparation Evolution notes preparation

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Last working day of II, II & I semerter Program is 08/6/2024.

# WORK DIARY OF SHAKUNTHALA

Time	Sem	Topics covered
10 . 10:30		Department annual suport (2023-24)
10:30-11:30		preparation.
11.30-12.30		JA file documentation
		Critcia-H WORK
		NAAC WOTK.
		Collection of JGT enabled classroome
10.30-11.30		Gue tog photos for ADAR.
11.30-12:30		Result analysis of B.SC BZ students
12.30-1.30		NAAC WOOK
2-5		Question Bank preparation
10-10.30		Student dotabase file preparation
10.30-11.30		for NAAC.
11.30.12.30		Anenal diversity practical
12.30 -1.30		manual Priparation.
2-5		Student Schenar report Preparation
10 - 1030	e	
10.30-11.30	$\rightarrow$	Arrangement of JOAC poles in the
11.30.10.30		JOAK mom.
18.30 - 1.30		ADAR- 2022-23 Report binding work
2-5		Department NAAC WORK.
10.10.30		previous year question papers collection
20.30-11.30		and scheme Preparation
11.30-1230		Environmental Biology notes preparates Meeting with Principal
12.30 .130		Meeting with Principal annual
2-5		Sterdont forum and cultural club support
10.0-10.30		Department work
10.30-11.30		Cleaning of all the slidly and
71.30-12.30		micotoscopes. In the department
18.30-1.30		Closeve of 2nd, with and 6th Sem classes
	$10 \cdot 10.30$ $10.30 \cdot 11.30$ $11.30 \cdot 12.30$ $12.30 \cdot 1.30$ $12.30 \cdot 1.30$ $10 \cdot 10.30$ $10 \cdot 30 \cdot 11.30$ $10 \cdot 30 \cdot 12.30$ $10 \cdot 30 \cdot 13.30$ $10 \cdot 30 \cdot 13.30$	$10 \cdot 10.30$ $10.30 \cdot 11.30$ $11.30 - 12.30$ $12.30 - 1.30$ $2 - 5$ $10 - 10.30$ $10.30 - 11.30$ $10.30 - 11.30$ $10.30 - 12.30$ $12.30 - 12.30$ $10 - 10.30$ $10 - 10.30$ $10 - 10.30$ $10 - 10.30$ $10 - 10.30$ $10 - 10.30$ $10 - 0.30$ $10 - 0.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $2 - 5$ $10 - 10.30$ $12.30 - 1.30$ $12.30 - 1.30$ $12.30 - 1.30$ $12.30 - 1.30$ $12.30 - 1.30$ $10.30 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10.30$ $10 - 5$ $10 - 10 - 30$ $10 - 5$ $10 - 10 - 30$ $10 - 5$ $10 - 5$ $10 - 10 - 30$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 - 5$ $10 $

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# SARADA VILAS COLLEGE Krishnamurthypuram, Mysore-04

# COURSE OUTCOMES (2023-2024)

The new national education policy (NEP) has extended a vast exposure in various branches of student's interest. One can choose the subject of his/her interest and will get one major subject with one minor subject. A student has the option to complete the four-year course with his/her own time. She/he can drop out from the course in between the four years.

Students can get a certificate after one year program.

An advanced diploma after two years.

A bachelor's degree after three years.

A bachelor's degree with research after four years.

This is a boon for the students who are worried about losing a year of academics. The outcome of the course makes the student eligible for various jobs in different fields.

# **DEPARTMENT OF PHYSICS**

# LEARNING OUTCOMES / COURSE OUTCOMES

#### Semester: I

# **Course: Mechanics and Properties of matters and Electrostatics**

- CO1: Explain one dimensional motion and dependence of force on position. velocity and time
- CO2: Explain the two-dimensional motion like that of projectile motion.
- > CO3: Will know how various elastics moduli can be determined.
- CO4: They can explain simple and torsional pendulum.
- > CO5: This gives introduction to Electrostatics.
- > C06: Will know the about the surface tension and viscosity.

# Semester: II

# **Course: Electricity and Magnetism**

- CO1: 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
- CO2: Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics.
- > CO3: Apply Gauss's law of electrostatics to solve a variety of problems.
- > CO4: Describe how magnetism is produced and list examples where its effects are
- ➢ observed.

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CO5: Apply Kirchhoff's rules to analyse AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor.

#### Semester: III

#### Course: WAVE MOTION AND OPTICS

- > CO1: Understand dispersion in waves and model dispersion using Fourier theory.
- CO2: Understand diffraction and imaging in terms of Fourier optics and gain physical and intuitive insight in a range of physics via the spatial Fourier Transform.
- CO3: Understand optical phenomena such as polarisation, birefringence, interference and diffraction in terms of the wave model.
- CO4: Understand the foundations of fluid dynamics.
- CO5: Through the lab course, understand the principles of measurement and error analysis and develop skills in experimental design.

#### Semester: IV

#### **Course: THERMODYNAMICS ELECTRONICS**

- Use thermodynamic terminology correctly.
- > Explain fundamental thermodynamic properties.
- > Derive and discuss the first and second laws of thermodynamics.
- > Solve problems using the properties and relationships of thermodynamic fluids.
- Analyze basic thermodynamic cycles.
- Understand basics of electrical components.
- Understand electrical wiring and safety measures.
- Understand lighting and its applications.
- > Apply the knowledge and techniques to design wiring and lightning for housing and
- commercial setup.
- Get self-employed in ever growing battery industry.

#### Semester: V

#### Course: CLASSICAL MECHANICS AND QUANTUM MECHANICS - I

- > CO1: Identify the failure of classical physics at the microscopic level.
- CO2: Find the relationship between the normalization of a wave function and the ability to correctly calculate expectation values or probability densities.
- CO3: Explain the minimum uncertainty of measuring both observables on any quantum state.
- CO4: Describe the time-dependent and time-independent Schrödinger equation for simple potentials like for instance one-dimensional potential well and Harmonic oscillator.
- CO5: Apply Herniation operators, their eigenvalues and eigenvectors to find various commutation and uncertainty relations.

#### Semester: V

#### **Course: Elements of Atomic, Molecular & Laser Physics**

- > Co1: Interpret atomic spectra of elements using vector atom model.
- > Co2: Interpret molecular spectra of compounds using basics of molecular physics.
- Co3: Explain laser systems and their applications in various fields.

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#### Course: Elements of Condensed Matter & amp; Nuclear Physics

- > Explain the basic properties of nucleus and get the idea of its inner information.
- Understand the concepts of binding energy and binding energy per nucleon v/s mass number graph.
- > Describe the processes of alpha, beta and gamma decays based on well-established theories.
- Explain the basic aspects of interaction of gamma radiation with matter by photoelectric effect, Compton scattering and pair production.
- Explain the different nuclear radiation detectors such as ionization chamber, Geiger-Mueller counter etc.
- Explain the basic concept of scintillation detectors, photo-multiplier tube and semiconductor detectors.

#### Semester: VI

#### **Course: Electronic Instrumentation & amp; Sensors**

- Identify different types of tests and measuring instruments used in practice and understand their basic working principles.
- Get hands on training in wiring a circuit, soldering, making a measurement using an electronic circuit used in instrumentation.
- Have an understanding of the basic electronic components viz., resistors, capacitors, inductors, discrete and integrated circuits, colour codes, values and pin diagram, their practical use.
- > Understanding of the measurement of voltage, current, resistance value, identification of the terminals of a transistor and ICs.
- Identify and understand the different types of transducers and sensors used in robust and hand-held instruments.
- Understand and give a mathematical treatment of the working of rectifiers, filter, data converters and different types of transducers.
- Connect the concepts learnt in the course to their practical use in daily life.
- Develop basic hands-on skills in the usage of oscilloscopes, multimeters, rectifiers, amplifiers, oscillators and high voltage probes, generators and digital meters.
- Servicing of simple faults of domestic appliances: Iron box, immersion heater, fan, hot plate, battery charger, emergency lamp and the like.

#### **HIGHER EDUCATION**

- ➤ B.Ed.
- ➤ M.Sc.
- Take CSIR/NET/GATE for Ph.D./M.Phil.

#### **CAREER PROSPECTS**

- Lecturer in PUC colleges
- Assistant professor in first grade colleges

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Any competitive examination like IAS, KAS.

#### **DEPARTMENT OF CHEMISTRY**

#### LEARNING OUTCOMES / COURSE OUTCOMES

#### Semester: I Course: Chemistry-1

- > The concepts of chemical analysis, accuracy, precision and statistical data treatment.
- Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.
- Describe the dual nature of radiation and matter, dual behaviour of matter and radiation, de Broglie's equations. Heisenberg uncertainty principle and their related problems.
- Quantum Mechanics. Derivation of Schrodinger's wave equation. Radial and angular Orbital shapes of s, p, d and f atomic orbitals, nodal planes. Electronic configurations of the atoms.
- > Pauli's exclusion principle, Hund's rule , Aufbau's principle and its limitation.
- The concepts of Organic reactions and techniques of writing the movement of electrons, bond breaking, bond formation.
- > The Concept of aromaticity, resonance, hyper conjugation, etc.
- Explain bond properties, electron displacement effects (inductive effect, electrometric effect, resonance effect and Hyper conjugation effect). steric effect and their applications in explaining acidic strength of carboxylic acids, basicity of amines.
- > Understand basic concept of organic reaction mechanism. types of organic reactions.
- > Understand the preparation and reactions of alkanes.
- > Understand the stability and conformational analysis of cycloalkanes.
- Understand the concept of resonance , aromaticity and anti aromaticity.
- > Describe relative strength of aliphatic and aromatic carboxylic acids.
- Explain the existence of different states of matter in terms of balance between intermolecular forces and thermal energy of the particles. Explain the laws governing behavior of ideal gases and real gases. Understand cooling effect of gas on adiabatic expansion.
- Understand the conditions required for liquefaction of gases. Realize that there is continuity in gaseous and liquid state.
- > Understand the properties of liquids in terms of intermolecular attractions.
- Understand the existence of different states of matter in terms of balance between intermolecular forces and thermal energy of the particles. Explain the laws governing behavior of ideal gases and real gases. Understand cooling effect of gas on adiabatic expansion.
- Understand the conditions required for liquefaction of gases. Realize that there is continuity in gaseous and liquid state.
- > Understand the properties of liquids in terms of intermolecular attractions.



# Course: Chemistry-2

- > Acquire knowledge about different types of titrimetric analysis.
- > Students will understand the concept of periodic properties.
- Learn the basic concepts of aromatic and nucleophilic substitution reactions and its mechanism.
- Students will understand the concept of liquid crystals, solids and distribution law.

# Semester: V

# Course: Chemistry-V

- Students will able to understand the concept of structural arrangements of different ionic crystals, hybridizations of inorganic molecules and their molecular treatment.
- Students will able to understand the theories of acids and bases and their applications in various fields.
- Students will able to understand the periodic properties, trends and separation of fblock elements, and their uses in medicinal field.
- Based on the various theories of coordination compounds students are able to understand.Ligands, classification of ligands, and chelation, physical methods in the study of complexes-change in conductance, color and pH.
- Students understand the different types of representation of organic molecules, optical activity, selectivity and their conformational analysis.
- The basic concepts of organic reactions, aromatic systems and determination of reaction mechanism.
- To study the Structure elucidation, synthesis and biological importance of Vitamin A, and Vitamin C.
- Students will gain the knowledge of Laws of photochemistry: Grothus-Draper's law, Stark-Einstein law of photochemical equivalence.
- Students understand the primary and secondary stages in radiochemical reactions, ionic yield, energy yield, comparison with photochemistry.
- Students will gain the knowledge of Phase equilibria, Statement of Gibb's phase rule and thermodynamic derivation.
- > Learn the concepts of microwave, vibration and Raman spectroscopy.

# Semester: V

# Course: Chemistry-VI

- Students will able to understand the Structure and bonding in boranes, carboranes and others main group elements..
- Students will able to understand the theories of acids and bases and their applications in various fields.
- > Students will able to understand the Metal carbonyl clusters
- Students understand the different types of Carbohydrates Monosaccharides-Open and ring structure of glucose, mutarotation, epimerization.
- > Students understand the Heterocyclic compounds and its applications..
- > To study the Quantum Mechanics and its theory and applications.
- Students will gain the knowledge of Laws of photochemistry: Grothus-Draper's law, Stark-Einstein law of photochemical equivalence.

- Students understand the Colligative properties, Depression in freezing point, Osmotic pressure and its Applications
- > Learn the concepts of UV- visible spectroscopy and its application.

# Course: Chemistry-VII

- > Students will able to understand the concept of Metal-ligand bonding, VBT and MOT.
- > Students will able to understand the Magnetic properties of coordination compounds
- Students will able to understand the Aromatic Electrophilic Substitution Reactions and its applications.
- To study the Mechanism of metal hydride reduction Students understand the different types of representation of organic molecules, optical activity, selectivity and their conformational analysis.
- The basic concepts of organic reactions, aromatic systems and determination of reaction mechanism.
- > To study the Ionic equilibria, its theory and applications..
- Students will gain the knowledge of Electrochemistry- its theory , construction and its applications in various field..
- Students understand the Infrared Spectroscopy -principle, modes of vibrations, vibrational frequency

### Semester: VI

# Course: Chemistry-VIII

- Students will able to understand the concept of Paints: Constituents and their functions, manufacture of lithopone and titanium dioxide
- > Students will able to understand the Refractorie, ceramics and fertilizers.
- > Students will able to understand the concepts of silicates and its applications.
- Based on the various theories of Nanotechnology students will understand the concepts and its wide applications in various field.
- > Students understand the different types of Rearrangements and its reactions.
- > Students will gain the knowledge of the basic concepts of Amino acids and Peptides.
- Students will gain the knowledge of Chemical Dynamics and Reaction between ions in solutions.
- Students understand the Kinetics of homogeneous catalysis and Kinetics of fast reactions.
- Learn the concepts of Nuclear Magnetic Resonance Spectroscopy, its theory and applications in structural determinations.

# After completion of the B.Sc. course in CHEMISTRY, the students -

- Can get into pharma-based industries
- Can opt for courses like M.Sc. / MBA
- Can get into chemical industries
- > Can get into clinical/ health care industries



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- Can work in cosmetics /perfume industry
- > Explore his/her career in forensic laboratories
- Can pursue their career in the field of teaching
- > Can work as an analytical chemist in water purification firms
- Can get into food processing industries
- Can engage in ceramic/ paper industry
- Can work as an environmental specialist
- > Can work as a scientific data entry specialist
- Can work as a lab assistant
- > Can get into agrochemical industries
- > Can work as a medical data entry operator
- Can work in textile industries
- > Can work as a research associate in nuclear/thermal power plant firms
- Can get into quality control unit of milk processing firms

# **DEPARTMENT OF MATHEMATICS**

#### LEARNING OUTCOMES / COURSE OUTCOMES

#### Semester: I

#### Course: Algebra - I and Calculus - I

- 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.
- Students will be familiar with the techniques of integration and differentiation of function with real variables.
- Students learn to solve polynomial equations.
- Learn to apply Reduction formulae.

#### Semester: II

#### Course: Algebra – II (Number Theory) and Calculus – II

- Learn the concept of Divisibility.
- > Learn about prime and composite numbers.
- > Learn the concept of congruences and its applications.
- > Identify and apply the intermediate value theorems and L'Hospital rule.
- Understand the concept of differentiation and fundamental theorems in differentiation and various rules.
- Find the extreme values of functions of two variables.
- Students learn to find areas and volumes using integration.

# Semester: III

Course: Algebra - III and Differential Equations – I

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- enhance learning in Algebra and Differential Equations.
- > apply the concepts of algebra in practical problems.
- > solve various differential equations of practical interest.

# Course: Real Analysis – I and Differential Equations – II

- > enhance learning in Analysis and Differential Equations.
- > apply the concepts of analysis in practical problems.
- > solve various differential equations of practical interest.

### Semester: V

# Course: Real Analysis-II and Complex Analysis

- Carry out certain computations such as computing upper and lower Riemann sums as well integrals.
- > Describe various criteria for Integrability of functions.
- Exhibit certain properties of mathematical objects such as integrable functions, analytic functions, harmonic functions and so on.
- Prove some statements related to Riemann integration as well as in complex analysis.
- Carry out the existing algorithms to construct mathematical structures such as analytic functions.
- > Applies the gained knowledge to solve various other problems.

# Semester: V

# **Course: Advanced Algebra and Discrete Mathematics**

- Identify and analyze different algebraic structures such as rings, fields, domains and so on.
- > Explore the properties of the above-mentioned algebraic structures.
- Carry out the prescribed algorithm to compute the GCD of polynomials, irreducibility of polynomials and so on.
- > Prove various statements related to algebraic structures.
- > Apply the gained knowledge to solve various other problems.

# Semester: VI

# Course: Linear Algebra

- understanding in few areas of linear algebra such as vector spaces, linear transformations and inner product spaces. Some broader course outcomes are listed as follows. At the end of this course, the student will be able to
- Understand the concepts of Vector spaces, subspaces, bases dimension and their properties.

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- Become familiar with the concepts Eigen values and Eigen vectors, minimal polynomials, linear transformations etc.
- Learn properties of inner product spaces and determine orthogonality in innerproduct spaces.
- Prove various statements in the context of vector spaces.
- > Realize importance of adjoint of a linear transformation and its canonical form.

### **Course: Numerical Analysis**

- Describe various operators arising in numerical analysis such as difference operators, shift operators and so on.
- Articulate the rationale behind various techniques of numerical analysis such as in finding roots, integrals and derivatives.
- Reproduce the existing algorithms for various tasks as mentioned previously in numerical analysis.
- > Apply the rules of calculus and other areas of mathematics in justifying the techniques of numerical analysis.
- Solve problems using suitable numerical technique.
- Appreciate the profound applicability of techniques of numerical analysis in solving real life problems and also appreciate the way the techniques are modified to improve the accuracy

# **Opportunities for Higher Education:**

- After the completion of program, student may opt for
- B.Ed. course
- M.Sc. in Mathematics (Both pure and applied)
- M. Math. Course in ISI (Indian Statistical Institute)
- MS in Mathematics abroad
- M.Sc. in Actuarial science
- M.Sc. in Mathematical computation and Finance

#### **Career/Job opportunities**

- Teaching sector (Assistant/Associate/Professor)
- Research Career (After Ph.D. in Mathematics)
- Actuary or risk assessor in the insurance industry or finance firms
- Banking sector
- Scientist/Engineer post at ISRO, DRDO.

#### DEPARTMENT OF COMPUTER SCIENCE

LEARNING OUTCOMES / COURSE OUTCOMES Semester: III

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#### **Course: Object Oriented Programming in Java**

- Explain the object-oriented concepts and JAVA.
- Write JAVA programs using OOP concepts like Abstraction, Encapsulation, Inheritance and Polymorphism.
- > Implement Classes and multithreading using JAVA.
- > Demonstrate the basic principles of creating Java applications with GUI.

#### Semester: IV

#### **Course: Database Management System**

- > 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.
- > Identify entities and relationships and draw ER diagram for a given real-world problem.
- Convert an ER diagram to a database schema and deduce it to the desired normal form.
- Formulate queries in Relational Algebra, Structured Query Language (SQL) for database manipulation.
- > Explain the transaction processing and concurrency control techniques.

#### Semester: V

#### **Course: Programming in Python**

- Setup python to develop simple applications
- > Understand the basic concepts in Python Programming
- Learn how to write, debug and execute Python programs
- Understand and demonstrate the use of advanced data types such as tuples, dictionaries and lists, Tuples and Sets
- > Design solutions for problems using object-oriented concepts in Python
- Use and apply the different Python Libraries for GUI Interface, Data Analysis and Data Visualization.
- Extend the knowledge of python programming to build successful career in software development.

#### Semester: V

#### **Course: Computer Networks**

- > Define various data communication components in networking.
- > Describe networking with reference to different types of models and topologies.
- Understand the need for Network and various layers of OSI and TCP/IP reference model.
- > Explain various Data Communications media.
- > Describe the physical layer functions and components
- > Identify the different types of network topologies and Switching methods.
- > Describe various Data link Layer Protocols.
- > Identify the different types of network devices and their functions within a network.
- > Analyze and Interpret various Data Kink Layer and Transport Layer protocols.
- > Explain different application layer protocols.

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# **Course: Web Technologies**

- Understand basics of web technology
- Recognize the different Client-side Technologies and tools like, HTML, CSS, JavaScript
- Learn Java Servlets and JDBC CO4 Web Technology for Mobiles and Understand web security

### Semester: VI

### **Course: Statistical Computing & R Programming**

- > Explore fundamentals of statistical analysis in R environment.
- Describe key terminologies, concepts and techniques employed in Statistical Analysis.
- Define Calculate, Implement Probability and Probability Distributions to solve a wide variety of problems.
- > Conduct and interpret a variety of Hypothesis Tests to aid Decision Making.
- Understand, Analyse, and Interpret Correlation Probability and Regression to analyse the underlying relationships between different variables.

#### **Higher Studies:**

- Eligible to pursue M.Sc., in Cs, M.Sc. -IT, MCA, MBA, MS, CA, LLB and
- ➢ B.Ed.,
- Can admit to PG Diploma Courses and Advanced Diploma Course.

#### **Career Visions:**

- B.Sc., Computer Science Jobs in India
- Graduates of B.Sc. Computer Science can find jobs in a variety of sectors like IT departments, MNCs, Colleges, Banks, Entrepreneurship, Medical Representative, etc. in both Private Companies and Government Sectors [Central, State and PSUs].
- The B.Sc., Computer Science Colleges in India offers placement opportunities in the field of Software development, Website development, Mobile App development, Software Testing, Online Tutoring, Games development, and Other IT related Jobs.
- After clearing a selection test like UGC NET or GATE or some other national level exam, you can become a researcher as well and get employed in various research institutes [ISRO, CFTRI] across the country.

#### B.SC. (HON'S) DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

LEARNING OUTCOMES / COURSE OUTCOMES Semester: I Course: Fundamentals of Computers

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- > Confidently operate computers to carry out computational tasks
- > Understand working of Hardware and Software and the importance of operating systems
- Understand Programming languages, number systems, peripheral devices, and networking,multimedia and internet concepts.

#### Course: Problem solving & Programming in C

- > Read, understand and trace the execution of program written in C language
- Write the C code for a given problem
- > Preform input and output operations using program in c
- Write programs that perform operations on arrays, strings, structures, unions and files

#### Semester: II

#### **Course: Operating System Concepts**

- Understand fundamental operating system abstractions such as processes, threads, files.
- Analyze important algorithms eg. Process scheduling and memory management algorithms. Categorize the operating system's resource management techniques, dead lock management techniques, memory management.

#### Course: Data Structures using C

- Describe how arrays, records, linked structures, stacks, queues, trees and graphs are represented in memory and used by algorithms.
- Describe common applications for arrays, records, linked structures, stacks, queues, trees and graphs
- Write programs that use arrays, records, linked structures, stacks, queues, trees and graphs
- Demonstrate different methods for traversing trees Describe the concepts of recursion, give examples of its use.

#### Semester: III

#### **Course: Introduction to Big Data & Tools**

- understand overview of Big Data, i.e. storage, retrieval and processing of big data. In addition, it also focuses on the "technologies", i.e., the tools/algorithms that are available for storage, processing of Big Data.
- Understand Big Data and its analytics in the real world.
- Analyze the Big Data framework like Hadoop and NOSQL to efficiently store and process Big Data togenerate analyst. Big Data Analysis with Machine Learning.

#### **Course: Design and Analysis of Algorithms**

- > Demonstrate a familiarity with major algorithms and data structures.
- Analyze worst-case running times of algorithms using asymptotic analysis
- Apply important algorithmic design paradigms and methods of analysis. Argue the correctness of algorithms using inductive proofs and invariants

# Semester: IV

**Course: Big Data Analytics and Visualization** 

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- overview of Big Data, i.e. storage, retrieval and processing of big data. In addition, it also focuses on the "technologies", i.e., the tools/algorithms that are available for storage, processing of Big Data.
- > Understand Big Data and its analytics in the real world.
- Analyze the Big Data framework like Hadoop and NOSQL to efficiently store and process Big Data togenerate analyst. Big Data Analysis with Machine Learning.

#### **Course: Introduction to Python Programming**

- > Demonstrate the concepts of control structures in Python.
- Implement Python programs using functions and strings.
- Implement methods to create and manipulate lists, tuples and dictionaries. Apply the concepts of file handling.

#### Semester: V

# **Course: Foundations of AI and Machine Learning**

#### **Course: Introduction to Neural Networks**

Basic Learning Algorithms and Applications.

Course Outcome:

On successful completion of the course, the students will understand

- a) Basic neuron Models.
- b) Network Models

#### SUBJECT: Big Data Management

Co: Through this advanced level course students will get imbied with real-world cuttingedge management technologies that them acquire the skills to handle vast amounts of complex data in practice. The students will also be exposed to nuances for presenting research papers in the field.

#### Semester: VI

#### **Course: Deep Learning**

Objectives: To introduce the students with neural networks and state-of-the-art approaches to deep learning; to train students to design neural network architectures.

#### **Course: Natural Language Processing**

Objectives: To prepare students to cope with high volume of data and give them ability in applying the techniques to real-world applications.

#### **Course: Data Mining**

Objectives: To equip students both in theory and practical applications of different methods of extracting processed information from data by using appropriate tools and evaluate derived endresults.

#### Semester: VII

#### **Course: Image processing**

Objectives: After completion of the course, the students will have understood: (a) the basic image enhancement techniques in spatial and frequency domains; (b) various kinds of noise and how to restore the noisy image; (c) basic multi-resolution techniques; and (d) application of the concepts for image handling.

#### **Course: Introduction to cloud Computing and Networks**

Objectives: To introduce students the domain and cover the topics of cloud, virtualization, networks, cloud storage and programmes. It covers also the technological benefits of the cloud paradigm and concepts behind its deployment.

#### **Course: Predictive Analytics**

Objectives: To impart working knowledge to students on Predictive Analytics using Python, ML, Data Visualisation etc techniques whereby they learn to apply predictive analytics and business intelligence to tackle and solve business problems in real-world applications.

#### Semester: VIII

#### **Course: Main Project Work**

Objectives: To expose students to industry-standard project practices, through a real-life project work under time and deliverable constraints, applying the knowledge acquired through various courses.

- To provide an opportunity to apply the knowledge gained through various courses in solving a real life problem
- 2. To provide an opportunity to practice different phases of software/system development life cycle
- 3. To introduce the student to a professional environment and/or style typical of a global IT industry
- 4. To provide an opportunity for structured team work and project management
- 5. To provide an opportunity for effective, real-life, technical documentation
- 6. To provide an opportunity to practice time, resource and person management.

#### **Course: Swayam online Course**

Dr. M Devika M.Sc.M.Phil.,Ph.D. Principal Sarada Vilas College, Krishnamurthypuram,Mysuru SWAYAM is India's national Massive Online Open Courses (MOOC) platform. It offers over 2,150 courses taught by close to 1,300 instructors from over 135 Indian universities and IITs. It allows students in India to earn academic credit online. Since the platform was launched in 2017, over 10 million learners have taken courses on SWAYAM.

SWAYAM is a program initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. This is done through an indigenous developed IT platform that facilitates hosting of all the courses, taught in classrooms from 9th class till post-graduation to be accessed by anyone, anywhere at any time.

#### SWAYAM offers:

- > Best in class Instructors drawn from high-ranked Universities and IITs.
- Weekly Assignments to ensure students' progress in a timely manner.
- Easy Credit Transfer by complementing students' program
- Systematic Approach enabling students towards learning goals

Qualifying Certificates may, in turn, be used by students enrolled in India's higher education to earn academic credit for completing SWAYAM courses earmarked as credit-eligible by their universities. SWAYAM is supported by various industries such and as such the students undertaking the courses will have added advantage of ranking for placements. Laboratory facility will be allotted by the Course Coordinator depending on the available time-slots. For further information about how India is leveraging SWAYAM at the university level, please contact the Course Coordinator in the College and taking his guidance, register for the same.

#### **Higher Studies:**

- M.Sc. Software Engineering
- M.Sc. Data Analytics
- Master of Science
- Cyber Security
- Master of Computer Application
- Statistics

**Career Opportunities-** This course is highly popular among students in India and Abroad because of its increasingly high demand and diverse future scope in tech-companies, consultancies, market research companies and energy sector.

- Data Scientist
- Business Analyst
- Data Analyst
- Data Engineer
- Data Architect
- Business Intelligence Analysts
- Data Mining Engineer
- Data Solutions Analyst
- Research Analyst

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- Business Intelligence Analyst
- Machine Learning Engineer
- Analytics Manager and many more

# BACHELOR OF COMPUTER APPLICATIONS

# LEARNING OUTCOMES / COURSE OUTCOMES

# Semester: I

# **Course: Fundamentals of Computers**

- Introduction to computers, classification of computers, anatomy of computer, constituents and architecture, microcontrollers
- Operating systems, functions of operating systems, classification of operating systems, kernel, shell, basics of Unix, shell programming, booting
- Databases, why databases are used, users, SQL, data types in SQL, introduction of queries select, alter, update, delete, truncate, using where, and or in not in
- Internet basics, features, applications, services, internet service providers, domain name system, browsing, email, searching
- Web Programming basics, introduction of HTML and CSS programming
- Introduction of computers, classification of computers, anatomy of computer,
- constituents and architecture, microcontrollers.

# Semester: I

# **Course: Programming in C**

- Confidently operate Desktop Computers to carry out computational tasks
- Understand working of Hardware and Software and the importance of operating systems
- Understand programming languages, number systems, peripheral devices, networking, multimedia and internet concepts
- Read, understand and trace the execution of programs written in C language
- Write the C code for a given problem
- Perform input and output operations using programs in C
- Write programs that perform operations on arrays

# Semester: II

# Course: Data Structures using C

- Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms
- Describe common applications for arrays, records, linked structures, stacks, queues, trees, and graphs
- Write programs that use arrays, records, linked structures, stacks, queues, trees, and graphs

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- Demonstrate different methods for traversing trees
- Compare alternative implementations of data structures with respect to performance
- Describe the concept of recursion, give examples of its use
- Discuss the computation

# **Course: Object Oriented Programming with JAVA**

- Understand the features of Java and the architecture of JVM.
- Write, compile, and execute Java programs that may include basic data types and control flow constructs and how type casting is done.
- Identify classes, objects, members of a class and relationships among them needed for a specific problem and demonstrate the concepts of polymorphism and inheritance.
- The students will be able to demonstrate programs based on interfaces and threads and explain the benefits of JAVA's Exceptional handling mechanism compared to other Programming Language.
- Write, compile, execute Java programs that include GUIs and event driven
- programming and also programs based on files.

# DEPARTMENT OF BOTANY PROGRAM OUTCOMES

# LEARNING OUTCOMES / COURSE OUTCOMES

# Semester: I

Course: MICROBIAL DIVERSITY AND TECHNOLOGY

- > Understand the fascinating diversity, evolution, and significance of microorganisms.
- Comprehend the systematic position, structure, physiology and life cycles of microbe and their impact on humans and environment.
- Gain laboratory skills such as microscopy, microbial cultures, staining, identification, preservation of microbes for their applications in research and industry.

# Semester: II

Course: DIVERSITY OF NON- FLOWERING PLANTS

- 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.
- Obtain laboratory skills/explore non-flowering plants for their commercial applications.

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#### Semester: III

Course: PLANT ANATOMY AND DEVELOPMENTAL BIOLOGY

- 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.
- Skill development for the proper description of internal structure of using botanical terms, their identification and further classification.
- > Induction of the enthusiasm on internal structure of locally available plants.
- Understanding various levels of organization in a plant body with an outlook in the relationship between the structure and function through comparative studies.
- Observation and classification of the floral variations from the premises of college and house.
- Understanding the various reproductive methods and sub stages in the life cycle of plants.
- > Observation and classification of the embryological variations in angiosperms.
- Enthusiasm to understand evolution based on the variations in reproduction among plants.

# Semester: IV

Course: Botany- ECOLOGY AND CONSERVATION BIOLOGY

- Understanding the fundamental concepts in ecology, environmental science and phytogeography.
- 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.

# Semester: V

Course: Botany- PLANT MORPHOLGY AND TAXONOMY

- > Understanding the main features in Angiosperm evolution.
- 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.
- > Interpret the rules of ICN in Botanical nomenclature.
- Classify Plants systematically and recognize the importance of Herbarium, Virtual Herbariumand Botanical gardens.
- Recognition of locally available angiosperm families, plants and economically important plants.
- > Appreciation of human activities in conservation of useful plants.

# Semester: V

Course: Botany- GENETICS AND PLANT BREEDING

- Understanding the basics of genetics, plant breeding and cell biology.
- Ability to identify, calculate and describe crossing over and frequencies of recombination

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- > Interpret the results of mating and pollinations.
- Recognition of modes of inheritance of traits/ phenotypes and Phenotype-genotype correlation.

Course: Botany- PLANT PHYSIOLOGY AND PLANT BIOCHEMISTRY

- Importance of water and the mechanism of transport.
- > To understand biosynthesis and breakdown of biomolecules.
- > Role of plant hormones in plant development and about secondary metabolites.
- > Preliminary understanding of the basic functions and metabolism in a plant body.
- > To understand the importance of nutrients in plant metabolism and crop yield.

#### Semester: VI

Course: Botany- PLANT BIOTECHNOLOGY

- Explain the basics of the physiological and molecular processes that occur during plant growth and development and during environmental adaptations
- Understand how biotechnology has been used to develop knowledge of complex processes that occur in the plant
- > Use basic biotechnological techniques to explore molecular biology of plants
- Understand the processes involved in the planning, conduct and execution of plant biotechnology
- > experiments
- Explain how biotechnology is used for plant improvement and discuss the ethical implications of that use

#### **Higher Education**

- Masters in Botany
- Masters in Biotechnology
- Masters in Genetics
- Masters in Molecular Biology
- Masters in Biosciences
- Masters in Environmental Science
- Masters in Wild life
- Masters in Forestry
- ➢ B.Ed. with Biology
- Ph. D. in Botany

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# **Career Opportunities**

- > Teaching profession in Schools, Colleges and Universities
- Jobs in Research and Development centers
- Jobs in Herbal drug industries
- Jobs in Pharmaceutical industries
- Jobs in Pollution control board
- Jobs in Indian Forest Services
- Jobs in Botanical Survey of India
- > Jobs or Research in National Parks and Wild Life Sanctuaries
- > Jobs or Self-employment in Agriculture, Horticultural and Floriculture sectors
- Self-employment through Mushroom cultivation
- $\triangleright$

#### DEPARTMENT OF ZOOLOGY

#### LEARNING OUTCOMES / COURSE OUTCOMES

#### Semester: I

#### **Course: Cytology, Genetics and Infectious Diseases**

- The structure and function of the cell organelles.
- > The chromatin structure and its location.
- The basic principle of life, how a cell divides leading to the growth of an
- Organism and also reproduces to form new organisms
- > How a cell communicates with its neighboring cells.
- > The principles of inheritance, Mendel's laws and the deviations.
- > How environment plays an important role by interacting with genetic factors.
- > Detect chromosomal aberrations in humans and study pedigree analysis.

#### Semester: II

#### Course: Zoology-DSE-

- To develop a deep understanding of structure of biomolecules like proteins, lipids and carbohydrates
- > How simple molecules together form complex macromolecules.
- > To understand the thermodynamics of enzyme catalyzed reactions.
- > Mechanisms of energy production at cellular and molecular levels.
- > To understand various functional components of an organism.
- > To explore the complex network of these functional components.
- > To comprehend the regulatory mechanisms for maintenance of function in the body.

#### Semester: III

#### Course: Molecular Biology, Bioinstrumentation & Techniques in Biology

After successful completion of the course, the learners will be able to acquire better understanding and comprehensive knowledge regarding most of the essential aspects of the Molecular Biology subject which in turn will provide a fantastic opportunity to develop professional skills related to the field of molecular biology.

- The course will mainly focus on the study of principal molecular events of cells incorporating DNA Replication, Transcription and Translation in prokaryotic as well as eukaryotic organisms.
- Acquiring knowledge on instrumentation and techniques in biology

# Semester: IV

# **Course: Gene Technology Immunology and Computational Biology**

- Acquaint knowledge on versatile tools and techniques employed in genetic engineering and recombinant DNA technology.
- An understanding on application of genetic engineering techniques in basic and applied experimental biology.
- > To acquire a fundamental working knowledge of the basic principles of immunology.
- > To understand how these principles apply to the process of immune function.
- Use, and interpret results of, the principal methods of statistical inference and design; helps to communicate the results of statistical analyses accurately and effectively; helps in usage of appropriate tools of statistical software.

# Semester: V

# Course: PAPER 5

- > Group animals on the basis of their morphological characteristics structures.
- > Demonstrate comprehensive identification abilities of non-chordate diversity
- > Explain structural and functional diversity of non-chordates.
- Develop understanding on the diversity of life with regard to protests non-codes and chordates.
- Examine driver city and evolutionary history of attacks on through the construction of a basic phylogenetic cladistics tree.

# Semester: V

# Course: PAPER 6

- > To demonstrate comprehensive identification abilities of chordate diversity.
- > Able to explain structural and functional diversity of a chordate diversity.
- > To understand evolutionary relationship amongst chordate.
- > To take up research in biological sciences.
- To realize that very similar physiological mechanisms are used in very diverse organisms.
- To get a flavor of research by working on project besides improving their writing skills it will further enable the students to think and interpret individually.

Semester: VI Course: EVOLUTIONERY AND DEVELOPMENTAL BIOLOGY

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- Understand that by biological evolution we mean that many of the organism that inhabit the Earth today are different from those that inhabited it in the past.
- Understand that natural selection is one of the several processes that can bring about evolution all though it can also promote stability rather than change.
- Understand how the single cell formed at fertilization forms an embryo and then a full adult organism.
- Integrated genetics molecular Biology biochemistry cell biology anatomy and physiology during embryonic development.
- Under a variety of interacting processes which generate an organisms heterogeneous shapes size and structural features.
- Understand how a cell behaves in response to an autonomous determinant or an external signal and the scientific reasoning exhibited in experimental life science.

# Course: ENVIRONMENTAL BIOLOGY, WILDLIFE MANAGEMENT AND CONSERVATION

- Develop and understanding of how animals interact with each other and their natural environment.
- Develop the ability to use the fundamental principles of wildlife ecology to solve local regional and national conservation and management issues.
- > Develop the ability to work collaborative team based projects.
- Gain an appreciation for the modern scope of scientific enquiry in the field of wildlife conservation management.
- Develop and ability to analyze present and interpret wildlife conservation management information.

# **Higher Education**

- M.Sc. in Zoology
- M.Sc. in Genetics
- M.Sc. in Biochemistry
- M.Sc. in Forensic science
- M.Sc. in Applied Zoology
- M.Sc. in Molecular Biology
- M.Sc. in Biotechnology
- M.Sc. in Endocrinology
- M.Sc. in Immunology
- M.Sc. in Ecology
- M.Sc. in Wildlife science
- ➢ B.Ed.

# Studying Zoology also provides opportunities to take Competitive exams like

- Indian administrative service (IAS)
- Karnataka administrative service (KAS)
- Indian Forest service (IFS) exams
- State Government Forest service exams

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SDA and FDA exams

# **Carrer Opportunities in Zoology**

- Wildlife Rehabilitators
- Wildlife Educators
- Researchers
- National Parks/Wildlife Sanctuary Managers
- Animal Breeders Education

### Job options

- Academic researcher
- Animal nutritionist
- ➢ Ecologist
- Environmental consultant
- Environmental education officer
- Higher education lecturer
- Marine scientist
- Nature conservation officer
- Science writer
- Zookeeper
- Zoologist

### Jobs where the degree (Zoology) would be useful:

- Animal physiotherapist
- Environmental manager
- Field trials officer
- Marine biologist
- Research scientist (life sciences)
- > Toxicologist
- > Veterinary nurse
- Veterinary surgeon

# DEPARTMENT OF MICROBIOLOGY

#### Semester: I & II

# Course: GENERAL MICROBIOLOGY Course: MICROBIAL BIOCHEMISTRY AND PHYSIOLOGY

- > Thorough knowledge and understanding of concepts of microbiology.
- > Learning and practicing professional skills in handling microbes.
- Thorough knowledge and application of good laboratory and good manufacturing practices in microbial quality control.

#### Semester: III

#### **Course: MICROBIAL DIVERSITY**

Knowledge about microbes and their diversity.

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- Study, characters, classification and economic importance of Pro-eukaryotic and Eukaryotic microbes.
- Knowledge about viruses and their diversity.

# Course: MICROBIAL ENZYMOLOGY AND METABOLISM

- Differentiating concepts of chemo heterotrophic metabolism and chemo lithotrophic metabolism.
- > Describing the enzyme kinetics, enzyme activity and regulation.
- Differentiating concepts of aerobic and anaerobic respiration and how these are manifested in the form of different metabolic pathways in microorganisms.

### Semester: V

### **Course: MICROBIAL GENETICS**

- > Understand the experimental evidences to prove DNA as genetic material.
- > Differentiate various method of recombination in bacteria.
- > Compare gene interaction in viruses and fungi.
- > Understand concepts involved in replication, transcription, translation in bacteria.
- > Outline regulatory mechanisms in bacteria to control cellular processes

#### Semester: V Course: FOOD MICROBIOLOGY

- > Understand the association of microbes in food and the quality testing of food
- Understand the preservation and food safety protocols
- > Understand the methods of spoilage of food and the diseases associated with it
- > Learn the properties of milk and the types of preservation of milk.
- > Learn the types of fermented food and dairy products and its significance.

#### Semester: VI

#### Course: IMMUNOLOGY AND MEDICAL MICROBIOLOGY

- > CO1: Gain a preliminary understanding about various immune mechanisms.
- CO2: Familiarize with immunological techniques and sero-diagnosis of infectious diseases
- CO3: Understand pathogenic bacterial infections, symptoms, diagnosis and treatment.

#### Semester: VI

#### Course: INDUSTRIAL MICROBIOLOGY

- Learn the overview of scope and importance of industrially important microbes.
- Acquaint with different types of fermentation processes and equipment.
- Acquire the knowledge of purification of value-added products.

- > Acquire knowledge on the concepts and terminology in genetic engineering.
- > Learn about principles involved in manipulating genes and DNA.
- > Familiar with various techniques used in genetic engineering.

**Many career opportunities** exist in different sectors for microbiology students. Some of the sectors include:

- Food and Dairy Microbiology
- Agricultural Microbiology
- Biotechnology
- Genomics and Bioinformatics
- Pharmaceutical Technology
- Clinical and Medical Microbiology
- Industrial Microbiology
- Veterinary Microbiology
- Environmental Microbiology

There are numerous career opportunities for a microbiologist that depends on the level of education and skill one pursues. Some of these positions include Research Assistant, Research Scientist, Technician, Scientific writer, Quality Control/Assurance Officer, Technical writer, etc.

### DEPARTMENT OF BIOTECHNOLOGY

#### PROGRAM OUTCOMES

- > Understanding concepts of Biotechnology and demonstrate interdisciplinary skills acquired in cell biology, genetics, biochemistry, microbiology, and molecular biology.
- > Demonstrating the Laboratory skills in cell biology, basic and applied microbiology with an emphasis on technological aspects.
- > Competent to apply the knowledge and skills gained in the fields of Plant biotechnology, animal biotechnology and microbial technology in pharma, food, agriculture, beverages, herbal and nutraceutical industries.
- > Critically analyze the environmental issues and apply the biotechnology knowledge gained for conserving the environment and resolving the problems.
- > Demonstrate comprehensive innovations and skills in the fields of biomolecules, cell and organelles, molecular biology, bioprocess engineering and genetic engineering of plants, microbes, and animals with respect to applications for human welfare.
- > Apply knowledge and skills of immunology, bioinformatics, computational modelling of proteins, drug design and simulations to test the models and aid in drug discovery.
- > Critically analyze, interpret data, and apply tools of bioinformatics and multi omics in various sectors of biotechnology including health and Food.
- > Demonstrate communication skills, scientific writing, data collection and interpretation abilities in all the fields of biotechnology.
- > Learning and practicing professional skills in handling microbes, animals and plants and demonstrate the ability to identify ethical issues related to recombinant DNA

technology, genetic engineering, animals handling, intellectual property rights, biosafety, and biohazards.

> Exploring the biotechnological practices and demonstrating innovative thinking in addressing the current day and future challenges with respect to food, health, and environment.

> Thorough knowledge and application of good laboratory and good manufacturing practices in biotech industries.

> Understanding and application of molecular biology techniques and principles in forensic and clinical biotechnology.

> Demonstrate entrepreneurship abilities, innovative thinking, planning, and setting up small-scale enterprises or CROs.

# LEARNING OUTCOMES / COURSE OUTCOMES

### Semester: I & II

# **Course: Cell Biology and Genetics**

# **Course: Microbiological Methods and Techniques**

- > Would be able to comprehend the structure of a cell with its organelles
- Can explain the organization of genes and chromosomes, chromosome morphology and its aberrations.

# Semester: III

# **Course: Biomolecules**

- > Acquire knowledge about types of biomolecules, structure, and their functions
- > Will be able to demonstrate the skills to perform bioanalytical techniques
- > Apply comprehensive innovations and skills of biomolecules to biotechnology field.

# Semester: IV

# **Course: Biomolecules**

- Study the advancements in molecular biology with latest trends.
- Will acquire the knowledge of structure, functional relationship of proteins and nucleic acids.
- Aware about the basic cellular processes such as transcription, translation, DNA replication and repair mechanisms.

# Semester: V

# Course: Genetic Engineering

- Demonstrate a thorough understanding of the fundamental principles and techniques of genetic engineering.
- Apply the knowledge of genetic engineering to diverse applications in agriculture, medicine, biotechnology, and environmental science.
- Perform laboratory procedures and develop practical skills in genetic engineering techniques.
- Explain gene expression regulation mechanisms and apply genetic modification methods effectively.

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- Evaluate genetic engineering's ethical, social, and legal implications and propose responsible solutions.
- Stay updated with recent advancements in genetic engineering, critically evaluate emerging trends, and assess their potential impact on various fields.

### **Course: Plant and Animal Biotechnology**

- Demonstrate a comprehensive understanding of plant biology, physiology, genetics, and molecular biology.
- Apply biotechnological tools and techniques used in plant research and agriculture, such as plant tissue culture, genetic engineering and transgenics.
- Execute plant tissue culture techniques for callus induction, somatic embryogenesis, and micropropagation, and apply them in plant breeding and propagation.
- Perform plant transformation methods and demonstrate the ability to introduce foreign genes into plants using different techniques.
- Apply knowledge about ethical considerations and regulatory frameworks associated with plant biotechnology and genetically modified crops.
- Understand the biology and characterization of cultured cells, including their adhesion, proliferation, differentiation, morphology, and identification.
- Gain practical skills in basic mammalian cell culture techniques, measuring growth parameters, assessing cell viability, and understanding cytotoxicity.
- Learn about germplasm conservation techniques and the establishment of gene banks, along with large-scale culture methods for cell lines.
- Explore organ and histotypic culture techniques, biotransformation, 3D cultures, whole embryo culture, somatic cell cloning, and the ethical considerations surrounding stem cells and their applications.

# Semester: VI

# **Course: Immunology**

- Demonstrate comprehension of the underlying structure and function of the immune system and related disorders.
- Demonstrate an understanding of the role of cells and molecules in immune reactions and responses
- > Demonstrate technical skills in immunological tools and techniques
- Apply the domain-specific knowledge and skills acquired in immunology for innovative therapies and Immunotechnologies
- Understand the fundamental concepts of immunity, and the contributions of the organs and cells in immune responses.
- Realize how the MHC molecule's function and host encounters an immune insult.
- Understand the antibodies and complement system
- Understand the mechanisms involved in the initiation of specific immune responses
- Differentiate the humoral and cell-mediated immune mechanisms
- Comprehend the overreaction by our immune system leading to hypersensitive conditions and its consequences
- Understand unique properties of cancer cells, immune recognition of tumors, immune evasion of cancers.

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# **Course: Bioprocess and Environmental Biotechnology**

- Exploitation of microorganisms for industrial use and their improvement, and formulation of media for efficient growth and production of microbial or cell-based products.
- > The design, operation, and specific applications of various bioreactors.
- > Demonstrate a comprehensive understanding of the fundamental concepts and principles of environmental biotechnology.
- Apply knowledge of biotechnological techniques to address environmental challenges, such as pollution control and waste management.
- Analyze and evaluate environmental biotechnology case studies, research findings, and real-world applications.
- Design and implement biotechnological approaches for environmental remediation, utilizing microbial processes and biodegradation principles.
- Evaluate the ethical and sustainable aspects of environmental biotechnology practices and make informed decisions regarding their application in environmental conservation.
- Communicate scientific concepts and research findings related to environmental biotechnology effectively, both in written and oral forms, to diverse audiences.

#### **Career opportunities in Biotechnology**

- M.Sc. Biotechnology
- M.Sc. Toxicology
- M.Sc. Animal biotechnology
- M.Sc. Molecular medicines
- Masters in Public Health
- M.Sc. Bioinformatics
- M.Sc. Applied Biology
- M.Sc. Virology
- M.Sc. Bioinformatics
- M.Sc. Forensic Science
- M.Sc. Nanotechnology
- M.Sc. Pharmacology
- M.Sc. Industrial biotechnology
- Agri-biotechnology
- Forensic Science Technicians
- Environmental Biotechnologist
- Geneticist
- Molecular Biotechnologist
- Pharmaceutical Biotechnologist
- Bio-health
- Industrial biotechnology

# **Top 5 Career Oriented Certification Courses for Biotechnology students**

Crispr Basic Certification Course.

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- > Artificial intelligence in Biology Certification Course.
- > Next-Gen Sequencing Certification Course.
- > Clinical Data Management Certification Courses.
- > Certification Course on Molecular Biology Techniques.

# Research funds for Biotechnology

- 1. Biotechnology ignition grant scheme (BIG)
  - > Foster generation of ideas with commercialization potential
  - > Encourage researchers to take technology closer to market through a start up
- 2. Biotechnology Industry Research Assistance Council (BIRAC)
  - Set up by Department of Biotechnology (DBT), Government of India
  - Strengthen and empower the emerging Biotech enterprise
  - Undertake strategic research and innovation

# DEPARTMENT OF BIOCHEMISTRY

# Semester: III

# Course: Bio-organic Chemistry

- Develop skill and acquire knowledge in fundamentals of Chemistry, Biology and will develop disciplinary theory and practical knowledge in the diversified areas 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.
- Through this course the students are exposed to importance of biological macromolecules.
- > They study the influence and role of structure in reactivity of biomolecules.
- At the end of the course, the students have a thorough understanding on the role of biomolecules and their functions.

# Semester: IV

# Course: ANALYTICAL BIOCHEMISTRY

# Semester: V

# Course: Biochemistry of Biomolecules & nutrition

- Develop skill and acquire knowledge in fundamentals of Chemistry, Biology and will develop disciplinary theory and practical knowledge in the diversified areas of Biochemistry.
- To create interest in Biochemistry and appreciation for chemical basis of biological processes.
- > Be able to demonstrate accurate quantitative and qualitative analysis.

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

#### Course: Human physiology & Enzymology

- 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 importance of biological macromolecules.
- > They study the influence and role of structure in reactivity of biomolecules.
- At the end of the course, the students have a thorough understanding on the role of biomolecules and their functions.

#### Semester: VI

#### Course: METABOLISM WITH CLINICAL CORRELATIONS

- Understand the concepts of metabolism, characteristics of metabolic pathways and strategies used to study these pathways.
- Gain a detailed knowledge of various catabolic and anabolic pathways and its regulation
- Systematically learn the breakdown and synthesis of amino acids and nucleotides in humans and recognize its relevance with respect to nutrition and human diseases
- Acknowledge the role of inhibitors of nucleotide metabolism which are potentially being used as chemotherapeutic drugs
- Comprehend how the amino acid and nucleotide metabolism are integrated with carbohydrate and lipid metabolism

#### Semester: VI

#### Course: MOLECULAR BIOLOGY AND IMMUNOLOGY

- Concepts of central dogma of molecular biology spanning from DNA Replication till Protein Synthesis and Reverse transcription, mutations, DNA repair mechanism.
- Defines the concept of immunology, concepts of antigen and antibody
- > Explain immune system cells , Discuss active immunity and passive immunity
- Explain the cellular immune mechanism
- The students will learn about plasmids, vectors and gain knowledge on the construction of cDNA libraries
- Student of this course have knowledge on gene manipulation, gene expression, etc which prepares them for further studies in the area of genetic engineering.

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# DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

# LEARNING OUTCOMES / COURSE OUTCOMES: B.COM.

# Semester: I

**Course:** Financial Accounting

a) Understand the theoretical framework of accounting as well accounting standards.

b) Demonstrate the preparation of financial statement of manufacturing and nonmanufacturing entities of sole proprietors.

c) Exercise the accounting treatments for consignment transactions & events in the books of consignor and consignee.

d) Understand the accounting treatment for royalty transactions & articulate the Royalty agreements.

e) Outline the emerging trends in the field of accounting.

### Semester: I

Course: Management Principles and Applications

a) Understand and identify the different theories of organisations, which are relevant in the present context.

b) Design and demonstrate the strategic plan for the attainment of organisational goals.

c) Differentiate the different types of authority and chose the best one in the present context.

d) Compare and chose the different types of motivation factors and leadership styles.

e) Choose the best controlling techniques for better productivity of an organisation.

# Semester: I

# Course: Principles of Marketing

f) Understand the basic concepts of marketing and asses the marketing environment.

g) Analyse the consumer behaviour in the present scenario and marketing segmentation.

h) Discover the new product development & identify the factors affecting the price of a product in the present context.

i) Judge the impact of promotional techniques on the customers & importance of channels of distribution.

j) Outline the recent developments in the field of marketing.

# Semester: II

Course: Advanced Financial Accounting

p) Understand & compute the amount of claims for loss of stock & loss of Profit.

q) Learn various methods of accounting for hire purchase transactions.

r) Deal with the inter-departmental transfers and their accounting treatment.

s) Demonstrate various accounting treatments for dependent & independent branches.

t) Prepare financial statements from incomplete records.

#### Semester: II

Course: Business Mathematics



a) Understand the number system and indices applications in solving basic business problems.

**b)** Apply concept of commercial arithmetic concepts to solve business problems.

c) Make use of theory of equation in solving the business problems in the present context.

**d)** Understand and apply the concepts of Set Theory, Permutations & Combinations and Matrices solving business problems.

e) Apply measurement of solids in solving simple business problems.

#### Semester: II

**Course:** Corporate Administration

u) Understand the framework of Companies Act of 2013 and different kind of companies.

v) Identify the stages and documents involved in the formation of companies in India.

w) Analyse the role, responsibilities and functions of Key management Personnel in Corporate Administration.

x) Examine the procedure involved in the corporate meeting and the role of company secretary in the meeting.

y) Evaluate the role of liquidator in the process of winding up of the company.

### Semester: II

Course: Law and Practice of Banking

z) Summarize the relationship between Banker & customer and different types of functions of banker.

aa) Analyse the role, functions and duties of paying and collecting banker.

bb)Make use of the procedure involved in opening and operating different accounts. cc) Examine the different types of negotiable instrument & their relevance in the

present context.

dd) Estimate possible developments in the banking sector in the upcoming days.

# Semester: III

Course: Corporate Accounting

a) Understand the treatment of underwriting of shares.

b) Comprehend the computation of profit prior to incorporation.

c) Know the valuation of intangible assets.

d) Know the valuation of shares.

e) Prepare the financial statements of companies as per companies act, 2013.

#### Semester: III

Course: Business Statistics

- a. Familiarizes statistical data and descriptive statistics for business decision- making.
- b. Comprehend the measures of variation and measures of skewness.
- c. Demonstrate the use of probability and probability distributions in business.
- d. Validate the application of correlation and regression in business decisions.
- e. Show the use of index numbers in business.

Semester: III Course: Cost Accounting

Dr. M Devika M.Sc., M.Phil., Ph.O. Principal Sarada Vilas College, Krjshnamurhypuram, Mysuru a) Understand concepts of cost accounting & Methods of Costing.

b) Outline the Procedure and documentations involved in procurement of materials& compute the valuation of Inventory.

c) Make use of payroll procedures & compute idle and over time.

- d) Discuss the methods of allocation, apportionment & absorption of overheads.
- e) Prepare cost sheet & discuss cost allocation under ABC.

# Semester: IV

Course: Advanced Corporate Accounting

- a) Know the procedure of redemption of preference shares.
- b) Comprehend the different methods of Mergers and Acquisition of Companies
- c) Understand the process of internal reconstruction.
- d) Prepare the liquidators final statement of accounts.
- e) Understand the recent developments in accounting and accounting standards.

# Semester: IV

# **Course: Costing Methods and Techniques**

a) The method of costing applicable in different industries.

- b) Determination of cost by applying different methods of costing.
- c) Prepare flexible and cash budget with imaginary figures
- d) Analyse the processes involved in standard costing.
- e) Familiarize with the Activity Based Costing and its applications.

### Semester: IV

**Course:** Business Regulatory Framework

a) Recognize the laws relating to Contracts and its application in business activities.

b) Acquire knowledge on bailment and indemnification of goods in a contractual relationship and role of agents.

- c) Comprehend the rules for Sale of Goods and rights and duties of a buyer and aseller.
- d) Distinguish the partnership laws, its applicability and relevance.

e) Rephrase the cyber law in the present context.

#### Semester: V

# **Course: Financial Management**

a) Understand the role of financial managers effectively in an organization.

b) Apply the compounding & discounting techniques for time value of money.

c) Take investment decision with appropriate capital budgeting techniques for investment proposals.

d) Understand the factors influencing the capital structure of an organization.

e) Estimate the working capital requirement for the smooth running of the business.

# Semester: V

# Course: Income Tax Law and Practice – I

a) Comprehend the procedure for computation of Total Income and tax liability of an individual.

b) Understand the provisions for determining the residential status of an Individual.

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c) Comprehend the meaning of Salary, Perquisites, Profit in lieu of salary, allowances and various retirement benefits.

d) Compute the income house property for different categories of house property.

e) Comprehend TDS & advances tax Ruling and identify the various deductions under section 80.

# Semester: V

# **Course: Principles and Practice of Auditing**

a) Understand the conceptual framework of auditing.

b) Examine the risk assessment and internal control in auditing

c) Comprehend the relevance of IT in audit and audit sampling fortesting.

d) Examine the company audit and the procedure involved in the audit of different entities.

e) Gain knowledge on different aspect of audit reporting and conceptual framework applicable on professional accountants.

# Semester: V

# **Course: GST-Law & Practice**

a) Comprehend the concepts of Goods and Servicestax.

- b) Understand the fundamentals of GST.
- c) Analyse the GST Procedures in the Business.
- d) Know the GST Assessment and its computation.

# Semester: VI

# **Course: Advanced Financial Management**

- a) Understand and determine the overall cost of capital.
- b) Comprehend the different advanced capital budgeting techniques.
- c) Understand the importance of dividend decisions.
- d) Evaluate mergers and acquisition.
- e) Enable the ethical and governance issues in financial management.

# Semester: VI

# Course: Income Tax Law & Practice – II

a) Understand the procedure for computation of income from business and other Profession.

b) the provisions for determining the capital gains.

- c) Compute the income from other sources.
- d) Demonstrate the computation of total income of an Individual.
- e) Comprehend the assessment procedure and to know the power of income tax authorities.

# Semester: VI

# **Course: Management Accounting**

a) Demonstrate the significance of management accounting in decision making.

b) Analyse and interpret the corporate financial statements by using various techniques.

c) Compare the financial performance of corporates through ratio analysis.

d) Understand the latest provisions in preparing cash flow statement.

e) Comprehend the significance of management audit and examine the corporate reports of Management Review and Governance.

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## Course: Assessment of Persons other than Individuals and Filing of ITRs

a) Understand the calculation of Depreciation and allowance

b) Comprehend the assessment of partnership Firms and determine the tax liability.

c) Comprehend the assessment of corporate entities and determine the tax liability.

d) Equip with understanding of intensive knowledge on analysis of all forms of ITR Forms along with the Overview ITR Forms and e-filing.

# **DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION**

### LEARNING OUTCOMES / COURSE OUTCOMES: BBA

### Semester: I

# **Course: Management Principles & Practice**

a) The ability to understand concepts of business management, principles and function of management.

b) The ability to explain the process of planning and decision making.

c) The ability to create organization structures based on authority, task and responsibilities.

d) The ability to explain the principles of direction, importance of communication, barrier of communication, motivation theories and leadership styles.

e) The ability to understand the requirement of good control system and control techniques.

#### Semester: I

#### **Course: Fundamentals of Business Accounting**

a) Understand the framework of accounting as well accounting standards.

b) The Ability to pass journal entries and prepare ledger accounts

c) The Ability to prepare subsidiaries books

d) The Ability to prepare trial balance and final accounts of proprietary concern.

e) Construct final accounts through application of tally.

#### Semester: I

#### **Course: Marketing Management**

a) Understand the concepts and functions of marketing.

b) Analyse marketing environment impacting the business.

c) Segment the market and understand the consumer behaviour

d) Describe the 4 p's of marketing and also strategize marketing mix

e) Describe 7 p's of service marketing mix.

#### Semester: II

# **Course: Financial Accounting and Reporting**

a) The ability to prepare final accounts of partnership firms

b) The ability to understand the process of public issue of shares and accounting for the same

c) The ability to prepare final accounts of joint stock companies.

d) The ability to prepare and evaluate vertical and horizontal analysis of financial statements

e) The ability to understand company's annual reports.

#### Semester: II

#### **Course: Human Resource Management**

a) Ability to describe the role and responsibility of Human resources management functions on business

- b) Ability to describe HRP, Recruitment and Selection process
- c) Ability to describe to induction, training, and compensation aspects.
- d) Ability to explain performance appraisal and its process.
- e) Ability to demonstrate Employee Engagement and Psychological Contract.

#### Semester: II

#### **Course: BUSINESS ENVIRONMENT**

a) An Understanding of components of business environment.

- b) Ability to analyse the environmental factors influencing business organisation.
- c) Ability to demonstrate Competitive structure analysis for select industry.
- d) Ability to explain the impact of fiscal policy and monetary policy on business.
- e) Ability to analyse the impact of economic environmental factors on business.

#### Semester: II

#### **Course: Business Mathematics**

a) The Understanding of the basic concepts of business maths and apply them to create solve and interpret application problems in business

b) Ability to solve problems on various types of equation.

c) Ability to solve problems on Matrices and execute the laws of indices, law of logarithm and evaluate them.

d) Ability to apply the concept of simple interest and compound interest bills discounted etc. and apply them in day-to-day life.

e) Ability to solve problems on Arithmetic progression, Geometric progression and construct logical application of these concepts.

#### Semester: III

#### **Course: COST ACCOUNTING**

- Understand the elements of costing and preparation of cost sheet.
- The ability to prepare material requisitions and management of store.
- The ability to compare and contrast labour cost techniques.
- Ability to differentiate kinds of overhead costing.
- Ability to reconcile the cost.

#### Semester: III

#### **Course: ORGANIZATIONAL BEHAVIOR**

- To recall role of OB in business organization.
- Able to understand group dynamics in an organization.

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- Able to understand the change management.
- Able to construct the process of organizational development.
- Ability to understand the kinds of Interventions in OB.

#### Semester: III

#### **Course: Statistics for Business Decisions**

- To understand the requirements of statistical framework
- To construct and visualize the data.
- To determine the data adequacy for analysis.
- To Review the data by using various tools.
- To understand and analyze the impact of probability.

#### Semester: IV

## **Course: MANAGEMENTACCOUNTING**

- Able to understand the concept of Management Accounting.
- To Understand and recall ratios and apply the same on given case.
- To construct cash flow statement.
- Should be able to apply Marginal cost rations to make business decisions.
- Student should be able to analyze business problems through applicatio ns.

#### Semester: IV

#### **Course: Business Analytics**

Able to understand Data Types and storage of Data.

- To understand types of analytics and data models.
- To demonstrate visualization of data.
- To recall the data mining and processing of data.
- Able to understand concepts of different analytics model

#### Semester: IV

#### **Course: Financial Markets & Services**

- To able to recall concepts of financial system.
- Able to differentiate the roles of financial institutions.
- Able understand concept of financial services.
- To understand the trading process of Instruments.
- Able to Summarize the concept of stock market.

#### Semester: IV

#### **Course: FINANCIAL MANAGEMENT**

- To identify the goals of financial management.
- To appraise the concepts of time value of money.
- To understand the different models of dividend policy.
- Able to analyze the business problem related to investments.



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• Able to appraise the working capital requirements in an organization.

# Semester: V

# **Course: Production and Operations Management**

a) Understand ever growing importance of Production and Operations Management in uncertain business environment.

b) Gain an in-depth understanding of Plant Location and Layout

c) Appreciate the unique challenges faced by firms in Inventory Management.

d) Understand the subject as to Production Planning and Control.

e) Develop skills to operate competitively in the current business scenario.

# Semester: V

# Course: Income Tax – I

a) Comprehend the procedure for computation of Total Income and tax liability of an individual.

b) Understand the provisions for determining the residential status of an Individual.

c) Comprehend the meaning of Salary, Perquisites, Profit in lieu of salary, allowances and various retirement benefits.

d) Compute the income house property for different categories of house property.

e) Comprehend TDS & advances tax Ruling and identify the various deductions under section 80.

# Semester: V

# **Course: Banking Law and Practice**

a) Understand the legal aspects of banker and customer relationship.

b) Open the different types of accounts.

c) Describe the various operations of banks.

d) Understand the different types of crossing of cheques and endorsement.

e) Understanding of different types of E-payments.

# Semester: V

# **Course: Information Technology for Business**

a) Understand the fundamentals of information technology

b) Understand usage of information technology in business.

c) Learn core concepts of computing and modern systems

d) Applications of Excel and SQL.

e) Awareness about latest information.

# Semester: VI

# **Course: Business Law**

a. Comprehend the laws relating to Contracts and its application in business activities.

b. Comprehend the rules for Sale of Goods and rights and duties of a buyer and a Seller.

c. Understand the importance of Negotiable Instrument Act and its provisions relating to Cheque and other Negotiable Instruments.

Dr. M Devika M.Sc. M.Phill, Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuru d. Understand the significance of Consumer Protection Act and its features e. Understand the need for Environment Protection.

## Semester: VI

## Course: Income Tax – II

a) Understand the procedure for computation of income from business and other Profession.

b) the provisions for determining the capital gains.

c) Compute the income from other sources.

d) Demonstrate the computation of total income of an Individual.

e) Comprehend the assessment procedure and to know the power of income tax authorities.

#### Semester: VI

## **Course: International Business**

a) Understand the concept of International Business.

- b) Differentiate the Internal and External International Business Environment.
- c) Understand the difference MNC and TNC
- d) Understand the role of International Organisations in International Business.
- e) Understand International Operations Management.

#### Semester: VI

## Course: HRM 2

- a) Understand the need of HRD.
- b) Comprehend the framework of HRD.
- c) Know the models for evaluating the HRD programs.
- d) Comprehend the need for employee counseling.
- e) Apprehend the HR performance.

#### DEPARTMENT OF CHEMISTRY

**M.Sc. in CHEMISTRY** 

#### LEARNING OUTCOME/ COURSE OUTCOMES FOR PG CHEMISTRY

#### **Course: Inorganic chemistry**

- CO1: Students will able to understand the concept of structural arrangements of different ionic crystals, hybridizations of inorganic molecules and their molecular treatment
- CO2: Students will able to understand the theories of acids and bases and their applications in various fields.
- CO3: Students will able to understand the periodic properties, trends and separation of f-block elements, and their uses in medicinal field.
- CO4: Students will 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 are able to understand electronic transitions, terms and symbols, Orgal and Tanabe Sugano diagrams, charge transfer spectra and magnetic properties.
- CO6: Students will 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 of organometallic 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 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

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

- 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, linera 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 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, 14C 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 figures of 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 13C-NMR Spectroscopy and its application and multiple resonance spectroscopy.

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- 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 also 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.

## COURSE: CHEMISTRY PRACTICAL

# ANALYTICAL CHEMISTRY PRACTICALS

- CO1: Develop firm foundations in the fundamental of analytical chemistry to build an interface of practical concepts with their industrial applications.
- CO2: Demonstrate various tools to analyze samples for quantitative and qualitative estimation and facilitate the learner to make solutions of various molar concentrations.
- > CO3: Analysis of some pharmaceutical drugs.
- > CO4: Determination of percentage purity of some compounds.

#### **INORGANIC CHEMISTRY PRACTICALS**

- CO1: Outline the proper procedures and regulations to safe use of chemicals for identification of quantitative estimation of inorganic compounds.
- CO2: Apply the fundamental principles of semi micro qualitative analysis of inorganic ion mixtures.
- > CO3: Preparation of inorganic complexes.
- CO4: Volumetric analysis.

#### **ORGANIC CHEMISTRY PRACTICALS**

- CO1: Outline the proper procedures and regulations to synthetic organic purpose and safe use of chemicals.
- CO2: Identify the functional group and solve chemical problems to explore new areas of research.
- > CO3: Preparation of organic compounds
- > CO4: Quantitative organic analysis

#### PHYSICAL CHEMISTRY PRACTICALS

- CO1: Demonstrate skills in laboratory techniques and the use of the instrumentation for analysis.
- CO2: Demonstrate a comprehensive understanding of the fundamental principles and multidisciplinary concepts in the field of chemical kinetics.

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- CO3: Analysis of binary mixtures
- > CO4: Determination of molecular weight of polymers.

#### **Higher Studies:**

- Forensic Science courses
- Laboratory Technique courses
- Biochemistry courses
- > Ph. D. in Chemistry

## Jobs:

- Pharma Sales Executives
- > Toxicologist
- > Quality control manager
- Research Scientist
- Laboratory Assistant
- > Chemist
- Clinical research associate

## **DEPARTMENT OF COMMERCE (M.COM.)**

## LEARNING OUTCOMES / COURSE OUTCOMES: M.COM.

- > Enable the student to understand the concept of corporate governance.
- > Help students to know about corporate ethics and cultural influences.
- Impart knowledge of corporate social responsibility and accountability.
- Give information about the corporate governance reforming committee reports in India.
- > To understand the conceptual ideology of auditing and its practices.
- > To know the importance of auditing with different accounting practices.
- > To compare the national auditing practices with international auditing principles.
- > To have a detailed knowledge on Auditing Standards and its uses.
- To evaluate impact of auditing on the Indian & global economy and its contribution for the economic development.
- Understand the comprehend the role of capital markets.
- > Evaluate the various capital markets instruments like Stock, bonds, etc.
- The basics of new instruments like futures and options.

#### **Higher Studies:**

- MBA
- ACCA (Association of Chartered Certified Accounts)
- Chatted Account courses.
- > Become a Certified Public Accountant.
- Chartered Financial Analyst courses

Dr. M Devika M.Sc.,M.Phil.,Ph.O. Principal Sarada Vilas College, Krjshnamurthypuram,Mysuru

Jobs:

- Digital Marketing
- > Investment Banker
- > Tax consultant
- > Stock broker

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

Department Meeting Even Semester; Dati: 15/06/23; Time 11.30am Department meeting is scheduled on 15/06/23 at 11.30 am. Agenda of the meeting. 1) To complete the portions in time for the university 2) To Conduct C2 theory and practical text. 3) To evaluate the assignment and activity of the students. 4) Department IA marks registre to be ready for the even remester. 5) practical repeatition and test to be conducted along with revision. 6) Any students who require special attention should be taken care. The meeting was held in the department with all the staff members. The agenda was discuss

53 53 one by one. After the discussion, time target to complete all there above said work was fixed as 6th of July 2023. staff present for the meeting Sugartte, S. S. Suganthi, S. Singh Prattap. m. R. Dellar2 Dhanush chandra Crisce. H.M. Noween Kumar. A.R. een aeethanjali K.S. 5.2.2. ittroper Suganthi S Singh Department meeting Head of Physics Department Even semester ; pate: 06/06/2023 ; Time: 12.30 pm Department meeting is scheduled on 06/06/2023 at 12.30pm . Agenda of the meeting 1) To prepare the practical batches to Conduct. CBCS & NEP praiticals. 2) To net up the laboratory for practical examination 3) To update all the IA marks (theory + practical on CBCS & NEP portal. H) To certify all practical records 5) To readmit the workdone statement to the champeerson The meeting was held in the department with all staff members. The agenda was discussed in detailed and the staff's were instanted to take care of ear individual student with utmost care staff present for the meeting Sigatti. Sugarthi. S. Singh Prattap . M.R. Dhanush chandra Curry . H.m. Naveen Kumar A. R Geethanjal. K.S. 100 Devika Suganthi S Singh 334 MSC, M.Phil, Ph.D. 34.5c., M.Phil.1 r. . of Physics Department the Vilas College, oli Mysuru



51 2023 - 2024

Department Meeting odd Semester 31/08/2023 11.00 am Department meeting is scheduled on 31/08/2023 at 11.00 am. Agenda of the meeting. 1. Reopening of College for odd semerate on 31/03/23 2. Work Dicony, Menter-Menter book, attendance register wated insu 3. Report for department activities (reparate Photo abo) 4. Open two folders for (23-24) (one for photos and one for ulated documents. s. Any event to be organized to be updated in the college webnite (flach news of the event to be given to webnite previous day itself). 6. Brief & cripp report for sharadhavani (Eng/Kon) and for NAAC in English. Separate photos for Shavadhavani. 7. Department Annual Report to be prepared accordingly-8. Discussion of time table 9. Departmental Activities to be given for the Academic Calendar. 10. Alturate amangements to engage the classes if ony teacher is abovent in the department. 11. During the free time, the department teachers are request to go round the campus to maintain the students discipline. 12. Educate the students about Digital library. 13. Inform the students about the Photo Copice availab; lity in the library. 14. Keep the BR Code of the library in the deputment. Woties board

55 15. To send the students for intenships 16. Laboratory manuals to be ready by 01/09/23 17. Laboratory to be set up to conduct the practical classes within 02/09/2023 Teachers Bresent in the meeting 1. Suganthi. S. Singh 2. Prattap. m.R. 3. Dhaniish chandia Curu Department Meeting odd Semester 06 08 2022 11.30 am Department Meeting is scheduled 06 08 2023 on at 11.30 am Agenda of the Meeting 1. Discussion of individual time table 2. Distribution of theory hours as per 3. Preparation of teaching plans. nylabus H. Setting up of Laboratory. 5. Preparation of Laboratory Manual 6. Attendance Register as per nominal roll Teachers Present in the meeting 1. Suganthi, S. Singh Sugarthi 2. Prathap . m.R. 3. Dhanush chandra Curre H.M. Sugatter. S.S Suganthi 5 Singh Principal Sanada Vilas Collet Head of Figures 336 diment Sarada Vilas College, Mysuru hiysore - 579 004

Department meeting odd Semester 07/10/2023 11.00 am Department meeting is scheduled on 07/10/2023 at 11.00 am Agenda of the meeting 1) co's & po's pending to be prepared and forwarded to Dr. Pushpa by 11th of october. 2) E-waste of the department to be regregated based on une & non-une category. 3) Department Annual Report (June 2022 - June 2023) to be prepared and to be ready by November 5th H) Department activity list for 2023-24 5 disted and submitted to the Principal 5) Preparation for industrial visit which is scheduled on 12/10/23 6) work diaries and menter books to be signed by the Principal 7) Preparation of Question Paper to Conduct C, & to value it Teachers present in the meeti 1. Sugarthi. S. Singh Prathap . M.R. 2. 3. Dhanish chandra Cumu H.M. Suganthi S Singh Head of Flagsles Department Sarada Vilas College, My Vilas Co Mysore - 570 00 337

1 57

Department meeting 12/11/2023 odd Semesta 3.00pm. Department meeting is scheduled on 15/11/2023 at 3.00 pm. Agenda of the meeting. 1) Valuation of answer scripts of IA C, test. 2) To complete the Jaboratory clarses and to conduct prontical IA and to check for the second F 3) To complete the positions dose CZIA lest. *) To give notes to the students. 5) To tabulate the IA marks 6) work diaries and mentor books to be ready 7) Setting up of labouratory to conduct practical IA test, meeting Teachers present in the Sugarthi.S.S 1. sugarithi . S. Singh 2. Prothap - M.R. 3. Dhanushchandiaguru - H.M. Enganthi. S. Sing Suganthi S Singh M.Sc., M.Phil Mond of Elipsies Department · Vilas College, Mysuru Lipt Serada Vilas Coll. Mysore - 570 004

Department meeting odd Demester 05/12/2023 3-30 pm Department meeting is scheduled on osliejes at 3.30 pm. Agenda of the meeting-1) To prepare the laboratory timetable to conduct University practical exams. 2) To upload C, and Cz IA marks in vucms portal as per the instruction of the University 3) To Collect the theory examination invigilation Work allatement. 4) To propose the experiments of papers and paper 6 (setting) for practical examination. 5) To prepare the annual report of the department 6) To Cover any other matter. Teachers present in the meeting Sugarthi. S. Singh Sugartti. Prathap. m. R. Dhanishchandeague . H. M. Sugarthi, S. S.n Suganthi S Singh 1.Phil Head of the discoveriment Sarada Vilas i ollege alysuru rincipal Sarada Vilas C Mysore - 579 W. 339

59 Department Meeting odd semesti 11 15 5053 12.30 pm Department meeting is scheduled on 11/12/2023 at 12.30 pm Agenda of the meeting. 1) To check for the completion of syllabus of all the clarses along with notes and relved problems. 2) To upload C1 and C2 marks of the students in usens postal within 20/12/2023 and get the signature of students in IA mark sheet. 3) Since the University has asked us to Conduct, the practical examination after the theory example completed ... The laboratory experiments are be pet at the required time for both paper 5 & pare 6 and for Paper 1 & 3 4) To complete the Central office stock support given to us Teachers present in the meeting. Sugarthi, S.S Sugarthi, S. Singh Prathap M.R. Dhanush Chandia Guru. H.m. Sugarthi. S. Sing 1112/23 Suganthi S Singh Principat M.Sc., M.Phil Sarada Vilas Coll-Head of Physics Department Mysore - 579 W Sarada Vilas College, Mysuru 340

2023 - 2024 60 Even Semester Department Meeting Even Semester 12/02/2024 10.30 am The department Hop & faculties prepared the department PPT sulated to AAA (Academic Administrative Audit) of 22-23 and presented the same in the presence of external experts and principal at 12.00 noon in Principal's chamber. The suguined puparation was discussed by all the faculty members listed below and after the presentation few questions were raised by the external expents which was answered. The department also prepared the ANA format and submitted the same to the College Members present during this meeting 1) Sugarthi . S. Singh Sugertti. S. Six 2) Prathap . m.R. 3) Dhanushchandiaguru. H.M. REAL & ISTALLUS 10 14 14

61 Department Meeting Even Semester 13/02/2024 3.00 pm 1. College repend for even semister clarges or 12/02/2024 2. Principal, IRAC and heads of the department, ansembled in Principals chamber at 11.30 am to discuss various agenda related to even servetu, which was noted by the head of the department. The same wa Conveyed to the department staff in the department meeting held on 13/02/2024 3. During the department meeting, unit wire distribution, of syllabus was discussed and distributed acuty were asked to maintain the work diary for even remester and prepare the suguired notes dos the students 4. Laboratory setting to be done for all even senestu classes 5. Laboratory Manuel to be ready for the students 6. To chartout department activities for this semesti 7. Time table was also distributed. 8. Students attendance to be monitored regurally Members present during the meeting 1) Suganthi . S. Singh Sugarthi.S.S 2) Prathap . M. R. Dhanush chandia Curu. H. M 342

20/09/2013 Daty of meeting 20/09/2023 at 3.30 PM Meeting headed by H.R. Krishnammetty Head of Department of Chemintry. Agenda : 1. Allotment of workload 2. Regarding Endutrial vibit 3. conduction of semineurs Envirting workload has been anyqued to Mr. H.R. Knuhnaninhty and Mr. Nataraju who an the exining members of cheminary department. Dended to take up III B.P.C. NEP midenis to industry whit like sandal wood off farrowy and to conduct Semihar clanses.

1. H.R. Krommannerty sfirst

Tent

Head of the Department of chemistry Sarada Vilas College, Mysuru-4

2. Nataroju

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

27/04/2023 Departmental meeting held on 20/44/2003 at 3 20 PM Agenda ! Regarding theory tent - any ments and practical test 2. Enny of IA marks In the meeting head by HOD drienned the above points. It is devided to conduct theory test and prostical test among students and obtaining anygnement from the students for alloting the marks and to be entered on, time.

Members.

1. H.R. Knownwith Sport

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9.00 - 10.00 7.00 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100

2. Natarey

of the inter

UQW 3 Dr. M Dev M.Sc., M. Phil. Principal Sanda Vilas College, Linhnamurthypuram, Mysuru.

Departmented meeting held on 23/04/2024 at 230 pm Agenda: 1. Regarding Fined Bsc. (Bes / 2011-23 2. Conduction of text. 2. Taking consymments from the sonders. Decement above points of Agenda. Mender present felt very happy about the remu percentage and obtaining of gold medal for highest mortes in chemismy by Allighele M.N. D. Sr. VI Sem PCM andent. Devided to carlyout remaining terr and obtaining of too anighment from each students under then y part and conducting one test for practical and devided to enter on time (, fa matiles. Members Head of the Braatment tola krishnamurthy sport of chemistry Sarada Vilas College Mysoru-4, ":1: Nataraju Dr. M Devika M.SC., M. Phil., Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuru.

Sarada Vilas Educational Institutions (Regd), Mysore

# Sarada Vilas College, Mysore

Department of Mathematics Minutes of meeting

Date: 07/02/2024 Time: 12:00 PM – 1:00 PM Place: Department of Mathematics

#### Agenda: Practical Contingency Utilization

#### **Highlights:**

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We receive practical contingency amount of Rs. 150/- for CBCS repeaters batch (odd semester 2023-24). Members decided to buy the following items.

- Files (Rs. 100/-)
- Cello tapes (Rs. 50/-)

NAME	SIGNATURE
Dr. Yathirajsharma M.V	Yately-
Mr. Akash G S	A
Mr. Kishor Kumar K	Kephor Kuner. K.

Members present :

Head, Department of Mathematic-Sarada Vilas College Mysuru 570004

# Sarada Vilas Educational Institutions (Regd), Mysore Sarada Vilas College, Mysore Department of Mathematics <u>Minutes of meeting</u>

Date: 16 January 2024 Time: 3:30 PM – 4:00 PM Place: Department of Mathematics.

Agenda:

(1) Preparation for practical Examinations

**Proceedings - Discussion Points:** 

(1) It was decided to conduct practical exams on 31-1-2024 and 01-02-2024.

(2) The question papers have to be prepared within 23-01-2024.

(3) Work has been distributed as follows,

SI. No	Internal duty	Date	Supporting
1	Dr. Yathirajsharma M V	31-01-2024	Mr. Kishor kumar K
2	Mr. Akash G S	01-02-2024	Mr. Kishor kumar K

Members present :

SI. No	Faculty Name	Signature
1	Dr.Yathirajsharma M V	Tall
2	Mr. Akash G S	A. A.
3	Mr Kishor kumar K	Lephon Kumal. K.

Head, Department of Mathematics Sarada Vilas College Mysuru 570004

# Sarada Vilas Educational Institutions (Regd), Mysore Sarada Vilas College, Mysore Department of Mathematics <u>Minutes of meeting</u>

Date: 31 August 2023 Cime: 10:30 a.m. – 11:45 a.m Place: Mathematics computer center.

genda:

Distribution of workload and subjects for odd semester 2023-24.
 Discussion on pre -test and post- test and bridge course.
 Discussion on the department time table.

#### Proceedings - Discussion Points:

1) Workload was distributed among the	faculty as follows:
---------------------------------------	---------------------

SI. No	Faculty Name	Workload
1	Dr. Yathirajsharma M V	8 hours theory + 4 hours practical
2	Dr. Pushpa K	5 hours theory + 4 hours practical
3	Mr. Akash G S	9 hours theory + 4 hours practical
4	Mr Kishor kumar K	10 hours theory + 4 hours practical

(2) It was decided in the meeting to conduct pre-test for first B.Sc students to understand them. It was decided in the meeting to conduct pre-test in the following areas.

(a) Basic computation skills.

(b) Conceptual understanding in Calculus and Trigonometry mainly.

(3) Members discussed on time table . No clashes were seen in the time table.

# Members present

Name	Signature	Sl.No	Name	Signature
Dr.Yathirajsharma M V	Vites	4	Mr. Akash G S	As - M
Dr. Pushpa K	Band	_5	Mr. Kishor <b>k</b> umar K	Dephon Kunar
		-51	VIRIE	

Head, Department of Mathematics Sarada Vilas College 348 Mysuru 570004

# Sarada Vilas Educational Institutions (Regd), Mysore Sarada Vilas College, Mysore Department of Mathematics <u>Minutes of meeting</u>

Date: 10 October 2023 Time: 3:30 PM – 4:00 PM Place: Department of Mathematics.

## Agenda:

(1) Preparation Annual report of 2022-23

(2) Discussion on the department level event to be conducted in the year 2023-24

Proceedings - Discussion Points:

(1) Annual report has to be prepared within Saturday (14-10-2023). The Format for the same was discussed.

(2)Members decided to conduct the following events in 2023-24.

- Workshop on Maxima in the month of November.
- Intercollegate/Intracollege competitions in the semester.
- Special Lectures in the even semester.

# Members present :

SI. No	Faculty Name	Signature
1	Dr. Yathirajsharma M V	Valet
2	Dr. Pushpa K	happy
3	Mr. Akash G S	
4	Mr Kishor kumar K	Eshor Lunar. K

Sarada Vilas Educational Institutions (Regd), Mysore

# Sarada Vilas College, Mysore

Department of Mathematics Minutes of meeting

Date: 06/07/2023 Time: 4:00 PM – 5:00 PM Place: Department of Mathematics

Members Prese	ent 0.0
<ol> <li>Dr. Yathirajsharma M V</li> </ol>	Vater
2. Dr. Pushpa K	bal get
3. Akash G S	AA
4. Kishore Kumar K	Agghor Kenne

Agenda:

- Preparation of practical's time table and distribution of internal duty work.
- Regarding Utilization of Practical Contingency amount.
- Preparation of stationary list for practical examination.

Proceedings - Discussion Points:

A tentative time table for practical examination for approval was prepared. It is as follows:

		Time	Course
Sl. No	Date	9:30 AM – 1:30 PM	VI Sem (CBCS) - Repeaters
	10/07/2023		II Sem (CBCS)- Repeaters
1	Monday	2:00 PM - 5:00 PM	IV Sem (CBCS )- Repeaters
	11/07/2023	9:30 AM - 1:30 PM	VI Sem (PMCs)
2	and a second	2:00 PM - 6:00 PM	VI Sem (PMCs)
Tuesday		9:30 AM - 12:30 PM	II Sem (NEP
3	12/07/2023	2:00 PM - 5:00 PM	IV Sem (NEP)
	Wednesday	9:30 AM - 1:30 PM	VI Sem (PCM)
4	13/07/2023	2:00 PM - 6:00 PM	VI Sem (PCM)
7	Thursday	9:30 AM - 1:30 PM	VI Sem (PCM)
5	14/07/2023	2:00 PM - 6:00 PM	VI Sem (PCM)
-	Friday	2:00 FIM = 0.00 FIM	
6	15/07/2023 Saturday	9:30 AM – 1:30 PM	VI Sem (PCM)

Exam duties (Internal examiner work) were distributed as follows:

B B B B B B B B B B B B B B B B B B B
13 th July 2023 – Dr. Pushpa K.
14th July 2023 - Dr. Yathirajsharma M. V.
15 th July 2023 – Kishore Kumar K

- Practical Contingency Utilization: We receive practical contingency amount of Rs. 1320/- for this semester. Following items need to be procured:
  - A4 Paper Bundles + Buff Sheets: 2 + 3 Bundles (2 x Rs. 330 + 3 x Rs. 110 = Rs. 990).
  - Files (Rs. 100)
  - Cello tapes and other stationeries (Rs. 100)
  - Miscellaneous (Rs. 130)

> Number of Answer booklets, work diaries, marks list and other necessary items were listed down.

# Sarada Vilas College, Mysore

Department of Mathematics Minutes of meeting

Date: 11/07/2023 Time: 4:00 PM - 5:00 PM Place: Department of Mathematics

Members Press	ent
1. Dr. Yathirajsharma M V	Yall
2. Dr. Pushpa K	platen
3. Akash G S	Were.
4. Kishore Kumar K	Lighor Kerner k

Agenda:

Postponing NEP batch students' practical exams due to technical error.

# Proceedings - Discussion Points:

> NEP students batches for the practical exams of first and second year could not be created on UUCMS portal and the same has been postponed on following date:

		10.4	Time	Course
SI. No	Actual Date 12/07/2023 Wednesday	Postponed Date 18/07/2023 Tuesday	9:30 AM - 12:30 PM 1:30 PM - 4:30 PM	II Sem (NEP IV Sem (NEP)

A circular regarding the same has to be prepared and intimated to students. (Assigned to Mr. Akash G. S.)

The same has to be intimated to the BOE and request for the allotment of the external examiner for the

same.

Exam duty (Internal examiner work) was assigned to:

18th July 2023 - Dr. Yathirajsharma M. V.

#### Sarada Vilas College (Affiliated to University of Mysore & Reaccredited by NAAC with A) Krishnamurthy Puram, Mysuru - 570 004

#### Department of Computer Science

Minutes of the meeting held on 16/01/2024

A departmental meeting was convened on 16/01/2024 at 3.30 PM in Principal's chamber.

#### Agenda

Work Load distribution for even semester.

# Proceedings of the meeting

Workload Allotment for even semester 2024 is as follows:

	1	B.SC (Hon	's) _Even Sen	neste	r 202	4				
Sem	Course	Subject Title	Faculty	L	т	P	Hours/Week			Credit
							Theory	Pra	Total	Crean
NEP)	DSC 5	Operating System Concepts	Nagesh M	3	0	o	3	0	3	3
II (NEP)	DSC 6	Data Structures using C	Shilpashree N	3	0	0	o	3	3	3
II (NEP)	DSC 6 Lab	Data Structures using C	Shilpashree N	o	o	2	O	4	4	2
IV (NEP)	DSC 11	Big Data Analytics and Visualisation	Lavanya	3	0	0	3	0	3	3
IV (NEP)	DSC 12	Introduction to Python Programming	Akshaya H L	3	0	0	0	3	3	3
IV (NEP)	DSC 12 Lab	Introduction to Python Programming Lab	Akshaya H L	0	o	2	o	4	4	2
IV (NEP)	SEC SB	Cyber Law	Shilpashree N	3	0	0	3	0	3	2
VI (CBCS)	DSC 16	Deep Learning	Shilpashree N	5	1	0	o	5	5	6
VI ():S)	DSE 2	Natural Language Processing	Akshaya H L	4	o	2	4	4*2=8	12	6
VI (CBCS)	DSE 3	Data Mining	Nagesh M	4	o	2	4	4*2=8	12	6
VI (CBCS)	SEC 1	Business Intelligence and Analytics	Nagesh M	2	o	0	2	0	2	2
VI (CBCS)	SEC 2	Autonomous Robots	Rakesh	1	1	0	2	o	2	2

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore

1. Akshaya H L AKShand H. Nagesh M Pure

Dr. M Devika M.Sc., M.Phil, Ph.D. Principal Sarada Vilas College, Krishnamurtyggam,Mysuna

# Sarada Vilas College (Affiliated to University of Mysore & Reaccredited by NAAC with A) Krishnamurthy Puram, Mysuru - 570 004

# Department of Computer Science

Minutes of the meeting held on 16/01/2024

A departmental meeting was convened on 16/01/2024 at 11.30 AM in Principal's CS Lab.

#### Agenda

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Work Load distribution for even semester.

# Proceedings of the meeting

Workload Allotment for even semester 2024 is as follows:

		BCA			
Sem	Course	Subject Title	Faculty	Hours/Wee	
- 11	CAC04	Data Structures using C	Mahadevi	3	
11	CAC04 P	Data Structure Lab	Mahadevi	8	
11	CAC05	Object Oriented Concepts using JAVA	Rashmi R	3	
11	CAC05 P	Java Lab	Rashmi R	8	
_			Total	22	
		B.Sc		1	
IV	DSC 4	Database Management System	Anitha B S	4	
IV	DSC 4 Lab	Database Management System	Anitha B S	4	
VI	DSC 8	Web Technologies	Anitha B S	4	
VI	DSC 9	Statistical Computing & R Programming	Mahadevi	4	
VI	DSC 7 Lab	Web Technologies Lab – Java Script, HTMS, CSS Lab	Anitha B S	4	
VI	DSC 8 Lab	R Programming Lab	Mahadevi	4	
			Total	24	
		SEC			
П	SEC	DF Com	Rashmi R	3	
Ш	SEC	DF Com LAB	Mahadevi/ Anitha B S	8	
IV	SEC	AI - Com Lab	Rashmi R	6	
			Total	17	

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore

Attendees:

1. Anitha B.S 2. Mahadevi 3. Rashmi R

Dr. M Devika M.Sc., M. Phill, Ph.D. Principal Sarada Vilas Collego Krishna353ypuram, Mynur

## Department of Computer Science

Date: 07-11-2023

Minutes of the meeting held on 07-11-2023

A departmental meeting was convened on 07-11-2023 at 2.30 PM in CS Lab.

#### Agenda

- 1. Syllabus coverage.
- 2. Proposals on events to be conducted in July month.
- 3. Others matters if any.

#### Proceedings of the meeting

- 1. Meeting started with a discussion of syllabus completion.
- 2. Last working day for B. Sc and BCA will be December 14th 2023.
- 3. Practical exams for bot B. Sc and BCA will be planned in the first week of December.
- 4. Mentors book should be maintained.

5. Finalizing dates for first presentation of mini project by final year B. Sc (Hon's) students was discussed.

- 6. About the arrangements of first IA (from 8th November 2023) was discussed
- 7. Stock verification and e waste management of the department.

#### Resolution

1. Planning extra classes to complete portions in stipulated time.

SI.No	Name	Course	Year	No. of Students
1	Anitha B S/ Mahadevi	BCA	1st	43
2	Shilpashree N	B.Sc (Hon's)	1 st and 2 nd	22+8 = 30
3	Akshaya H L	B.Sc (Hon's)	3rd	26
4	Nagesh M	B.Sc (Hon's)	4 th	32

2. Below will be the details of Mentors:

# Sarada Vilas College

# Krishnamurthypuram, Mysuru-570 004 Department of Computer Science

# Meeting Resolutions for meeting held on 14-09-2023

1. The department held a meeting on -14-09-2023 along with the Principal & IQAC coordinator and it was decided to start the certificate course on "Basics of Computer Skills".

- 2. The course is focusing on enhancement of computer skills.
- 3. The course is majorly offered for 43 students as supporting to their curriculum.
- 4. The syllabus of the course is discussed and presented in the meeting and approved by BoS.
- 5. The duration of the course is 30 hours.
- 6. Mrs. Mahadevi is the in charge of this certificate course.
- 7. It is scheduled to conduct the class from 20-09-2023.
- 8. The detail time table is made and attached with this resolution.
- 9. The attendance of students has to be maintained.
- 10. The students will be awarded with the certificate after completing the course.

Sugatti.S. Sight

Signature of the IQAC Coordinator

Suganthi, S. Singh IOAC Concentrator Sarada Vitan Collage Mysuru-570004

Signature of the Principal

Principal Sarada Vilas College Mysore-570004

#### Department of Computer Science

Date: 13-09-2023

#### Minutes of the meeting held on 13-09-2023

A departmental meeting was convened on 13-09-2023 at 12.30 PM in CS Lab.

#### Agenda

1. Conducting Value added certificate courses from the department of Computer Science

#### **Proceedings of the meeting**

1. Meeting started with a discussion of topic of Value-added certificate course.

- 2. Discussion about syllabus of the course was also discussed.
- 3. Faculty in charge for the same was also discussed

#### Resolution

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- It was decided to start the certificate course on "Basics of Computer Skills".
- 2. The course is focusing on enhancement of computer skills.
- 3. The course is majorly offered for 43 students as supporting to their curriculum.
- 4. The syllabus of the course is discussed and presented in the meeting.
- The duration of the course is 30 hours.
- 6. Mrs. Mahadevi will be the in charge of this certificate course.
- 7. It is scheduled to conduct the class from 20-09-2023.
- 8. The detail time table is made and attached with this resolution.
- 9. The attendance of students has to be maintained.
- 10. The students will be awarded with the certificate after completing the course.

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore

#### Attendees:

- 1. Akshaya H L Akshol H. L 2. Anitha B S
- 3. Mahadevi

Principal

Sarada Vilas College Mysore-570004

## Department of Computer Science Minutes of the meeting held on 14/09/2023

A departmental meeting was convened on 14/09/2023 at 4.00 PM in CS Lab.

#### Agenda

1.Results of NAAC visit.

2.Commencement of odd semesters and its preparations

#### Proceedings of the meeting

1. Meeting started by congratulating the team for NAAC accreditation with Grade A.

- 2.SWOC Analysis of the NAAC result was done.
- 3. Weak areas like Research and Paper Publication has to be strengthened.
- 4. Discussion about academic calendar.
- 5. Scheduling and conducting special lectures and event from the departments was discussed.
- 6. Discussion about 'Technophilia' was done.
- 7. As its semester beginning strict actions should be taken with respect to discipline.
- Attendance shortage should be brought into parents notice and same has to be documented.

9. Behavioural changes of any student should be brought to the notice of heads immediately. 10. While faculty is going on leaves classes should be substituted and later it should be compensated without fail.

11. Discussion about BCA course.

#### Resolution

1. Working on Paper Publication as high priority.

2. Prior scheduling of special lectures and event and will be mentioned in academic calendar. 3. This time 'Technophilia' will be open for complete CS department students.

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore

Attendees:

1. Akshaya HL AKShow H.L 3. Mahadevi JCh

2. Anitha B S Anither 4. Nagesh M N.X

4. Nagesh M

#### **Department of Computer Science**

Date: 24/07/2023

Minutes of the meeting held on 24/07/2023

A departmental meeting was convened on 24/07/2023 at 11.30 AM in CS Lab.

#### Agenda

- 1. Discussion about pending NAAC documents.
- 2. Exam preparations for B. Sc (Hon's)
- 3. Work load discussion for BCA.

#### Proceedings of the meeting

- 1. Meeting started with a discussion about completing the pending documents of NAAC.
- 2. Discussion about exam hall set up and preparations for theory exams of B.Sc (Hon's)
- 3. Work load and subject allotment for BCA was discussed.

#### Resolution

- 1. NAAC documents were arranged and pending work was allotted among the team.
- 2. Demo of exam hall set up was fixed on 26-7-2023.
- 3. Allotment of subjects was done among the team. It was noticed that there is a requirement for 2 full time faculty.

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore Department of Computer Science

Sarada Vilas College

Mysore-570 004

#### Attendees:

1. Akshaya HL Akshay H.L 2. Anitha BS Arite 3. Mahadevi Unt

Dr. Hi Dettika NA SE MAPHIL PILA Baladia

Sarada Vicas College, Crishnamurthyouram, Mysuru

#### Department of Computer Science

Date: 19/06/2023

Minutes of the meeting held on 19/06/2023

A departmental meeting was convened on 19/06/2023 at 9.30 AM in CS Lab.

#### Agenda

- 1. Syllabus Competition.
- 2. Pending work of NAAC.
- 3. Semester end examination Timetable for B.Sc (Hon's).

#### Resolution

- 1. Taking extra classes for students to complete portions in stipulated time.
- 2. Checking all the NAAC files again and getting missing signature from authorized person.
- 3. Practical exams are planned from 3rd week of July for B.Sc (Hon's).

Shilpashree.N Assistant Professor and HOD Department of Computer Science SVC, Mysore H.O.D Department of Computer Science Sarada Vilas College Mysore-570 001

#### Attendees:

- 1. Akshaya HL Akshaye H.L 2. Anitha BS Aritha 3. Mahadevi Mal 1

. M Davilca N. Phil. Ph.B. Frincipal Sarada Vilas College, Rylshnamurthypuram, Mysurva

### SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

### Minutes of meeting

Date: 04/09/23

Time: 11.30 to 12.30

Place: Botany Dept.

#### Points discussed in the meeting:

- > Regarding the commencement of odd semester classes
- Discussion and distribution of syllabus
- Regarding the updating of practical mannuals and study materials provided to the students

#### Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	Dan
2.	Smt. Gagana S B, Asst. Prof.	Carrow S.B
3.	Mr. Yashwanth V M, Asst. Prof.	7 lastingadh. u.s.

Head of the Department Dr. M Gevika

M.Sc.,M.Phil.,Ph.O. Principal Sarada Vilas College Krishnamurthyouran

Head of the Department of Bouary Sarada Vilas College Mysore



# SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

### Minutes of meeting

Date: 05/10/23

Time: 2:00 to 3:00

Place: Botany Dept.

### Points discussed in the meeting:

- Discussed about the industrial visit to CFTRI for I semester students
- Discussions related to assignments and seminar topics which will be given to the students
- Regarding taking permission from Botanical Survey of India, Coimbatore to arrange a visit for V semester students

#### Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	i Ch
	Mr. Yashwanth V M, , Asst. Prof.	Yoelawanth.v.u.

Head of the Department M Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas Collane, Head of the Department of Botany Sarada Vilas College Mysore



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### SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

### Minutes of meeting

Date: 10/11/23

Time: 10:30 to 11:30

Place: Botany Dept.

Points discussed in the meeting:

- > About preparation of question papers for C1 Component
- Regarding completion of work (marks Continuous assessment, records) for C1 component
- Regarding the arrangements made for field trip (food, accommodation, logistics etc...) for V semester students to Botanical Survey of India, Coimbatore

Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	Dent
2.	Mr. Yashwanth V M, Asst. Prof.	Ugeten authors.
3.	Mr. Rajashekar B H, Asst. Prof.	1 Alexandre

Head of the Department Dr. M Devike Sarada Vilas College Krishnamurthypuram, Mysur

Head of the Department of Bolany Sarada Vilas College Mysore



## SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

### Minutes of meeting

Date: 15/12/23

Time: 10:30 to 11:30

Place: Botany Dept.

### Points discussed in the meeting:

- > About preparation of question papers for C2 Component
- Regarding completion of work (marks Continuous assessment, records) for C2 component
- Regarding completion of syllabus, conduction of practical exams.
- About taking special classes to the students, special practical classes, practical repetition classes and so on.

#### Members present:

Sl. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	M
2.	Mr. Yashwanth V M, Asst. Prof.	youter auth v. H.
3.	Mr. Rajashekar B H, Asst. Prof.	Bo-

Head of the Department M.Sc. M.Phil. Ph.D. Principal Sarada Vilas College, Keishnamurthunuram, Mysur

Head of the Department of Botany Sarada Vilas College Mysore

Devika M.Sc.,M.Phil,Ph.D. Principal Sarada Vilas College, The state of the second state for

## SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

Minutes of meeting

Date: 16/01/24

Time: 11:30 to 12:30

Place: Botany Dept.

#### Points discussed in the meeting:

- About conducting practical exams, preparation of timetable for practical exams, practical batches, dates finalising etc...,
- > About organizing International Seminar from the Department

#### Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	Dent
2.	Mr. Yashwanth V M, Asst. Prof.	yash Jansh. U.M.
3.	Mr. Rajashekar B H, Asst. Prof.	The

Head of the Department Or. M Devika M.Sc.,M.Phil.,Ph.D. Principal Sarada Vilas College, Krishnamuthumutto

Head of the Department of Botany Sarada Vilas College Mysore

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

# SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### Department of Botany

Minutes of meeting

Date: 01/02/24

Time: 10:30 to 11:30

Place: Botany Dept.

### Points discussed in the meeting:

- > About organizing International seminar, discussion of topics, arranging resource persons.
- Preparing brochures, invitations, preparing list of committees for seminar

#### Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	
2.	Mr. Yashwanth V M, Asst. Prof.	yachinguithever.
3.	Mr. Rajashekar B H, Asst. Prof.	- Contact of the
		New

Head of the Department Jr, M Devika MSc.M.Phil.Ph.D. Principal Sarada Vilas College, Krishnamurthypuram,Mysun

Head of the Department of Botany Sarada Vilas College Mysore

M Devika M.Sc., M.Phill, Ph.O. Principal Sarada Vilas College. Vrishnamiuthonium A

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# SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

Minutes of meeting

Date: 15/03/24

Time: 10:00-11:00

Place: Botany Dept.

### Points discussed in the meeting:

- > Discussed about department work dairies, attendance, and shortage of attendance.
- About organizing an activity under Nature Club for students in association with mindful walkers.

Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	m
2.	Mr. Yashwanth V M, Asst. Prof.	yalling auther with
3.	Mr. Rajashekar B H, Asst. Prof.	Contraction of the

Head of the Department M.S., M.Phil, Ph.D. Principal Sarada Vilas College, Krishnamurthyouram Minuru

Head of the Department of Botany Sarada Vilas College Mysore

M Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, *rishnamurthypuram.Meeting

## SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

Minutes of meeting

Date: 04/04/24

Time: 03:00-04:00

Place: Botany Dept.

### Points discussed in the meeting:

- > About preparation of question papers for C1 Component
- Regarding completion of work (marks Continuous assessment, records) for C1 component
- About organizing one-day workshop on Bioinformatics for VI semester students

#### Members present:

SI. No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	10mm
2.	Mr. Yashwanth V M, Asst. Prof.	yasturanthey.m.
3.	Mr. Rajashekar B H, Asst. Prof.	a contraction of the second se

Head of the Department Dr. M Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, Leichen must make the must

Head of the Department of Botan; Sarada Vilas College Mysore

M.Sc., M.Phil., Ph.D. Principal Sarada Vilas Collega, Vrishnamurthypuram Mercing

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# SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### **Department of Botany**

Minutes of meeting

Date: 02/05/24

Time: 03:00-04:00

Place: Botany Dept.

### Points discussed in the meeting:

- > About preparation of question papers for C2 Component
- Regarding completion of work (marks Continuous assessment, records) for C2 component
- Regarding completion of syllabus, conduction of practical exams.
- About taking special classes to the students, special practical classes, and practical repetition classes and so on.

#### Members present:

SL No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	A
2.	Mr. Yashwanth V M, Asst. Prof.	Yalwanth. u. sr.
3.	Mr. Rajashekar B H, Asst. Prof.	10000

Head of the Department M.S. M.Phil, Ph.O. Principal Sarada Vilas College, Krishnamurthypuram, Mysur

Head of the Department of Botany Sarada Vilas College Mysoro

Dr. M Devika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, Krishnamurthenuram Martin

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### SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

### Department of Botany

Minutes of meeting

Date: 15/05/24

Time: 03:00-04:00

Place: Botany Dept.

#### Points discussed in the meeting:

- About conducting practical exams, preparation of timetable for practical exams, practical batches, dates approval etc...
- Regarding report valuation of students' internship
- Regarding celebration of World Environmental Day in collaboration with the department of Zoology

Members present:

SL No	Name	Signature
1.	Dr. M. Devika, HoD & Principal	Oer=
2.	Mr. Yashwanth V M, Asst. Prof.	Yaturash.v.M.
3.	Mr. Rajashekar B H, Asst. Prof.	Se .

Head of the Department

Sarada Vilas College, Kristnanuthiouran Mouru

Head of the Department of Botany Sarada Vilas College Mysore

Sr. M Devika M.S. M.Stall. Ph.D. Principal

Sarada Vilas College,

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# Sarada Vilas Educational Institutions (R), Mysuru SARADA VILAS COLLEGE, MYSURU

Krishnamurthypuram, Mysuru- 570004

## **Department of Botany**

Minutes of meeting

Date: 03/06/24

Time: 03:00-04:00

Place: Botany Dept.

### Points discussed in the meeting:

About the celebration of world Environmental Day, organizing a clean drive in around Mysore Place in association with Youth for Seva Mysuru.

### Members present:

SI. No	Name	
1.	Dr. M. Devika, HoD & Principal	Signature
2.	Mr. Yashwanth V M, Asst. Prof.	Cart
3.	Mr. Rajashekar B H, Asst. Prof.	yarte auch.v.u.

Head of the Department Dr. M Devika M.Sc., M.Phil, Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuru

Head of the Department of Botany Sarada Vilas College / Mysore

avika M.Sc., M.Phil., Ph.D. Principal Sarada Vilas College, Krishnamurthypuram, Mysuri

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E-mail: saradavilaszoology@gmail.com

SARADA VILAS COLLEGE DEPARTMENT OF ZOOLOGY Krishnamurthypuram, Mysore - 570 004



Date: 13/5/2024

The department meeting was held on 13/5/2024 at 11 am in the Zoology lab to discuss the preparations to be made for the upcoming practical examinations

### Agenda of the meeting is as follows:

- 1. listing of chemicals to be bought
- 2. Sorting the necessary chemical apparatus and specimens
- 3. Collection of Drosophila mutants from UOM
- 4. Finalization of practical records
- 5. Planning for necessary lab repetition classes and mock examinations
- 6. Conducting lab internals

#### Proceedings of the meeting

- 1. The meeting started with sorting chemicals and listing the necessary stock to be bought.
- 2. The working standards were calculated and prepared beforehand
- 3. Samples like Drosophila and pond water collection from sources
- 4. Certification of practical records
- 5. Lab arrangements for mock test and internal examination

The meeting was concluded by Smt. Shakunthala after summarizing the meeting proceeding and conclusive remarks.

Shakunthala

Attendees:

1 Shakunthala

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following

	Department Council Meeting
	The Meeting was conducted will regard to work distribution of gyllabus & Time table allotment for the present odd semester October 2023.
	All teachers altended the meeting of discussed, the follow decision were made.
•	Syllabus distribution among teachers.
	Likits dement
	THE CEM [NED]: Unit 9' Mechanism of substation

I SEM [NEP]: Unit 2; Mechanism of substitution, elimination & addition reactions

V GEM [Paper 5]: - Unit &: - Nucleic acide Unit 1;- Nutritional aspects of Castohyderates 1 Unitz:- Nutritional aspects of Fats Unit 3 - Nutritional aspects of Proteins Unit 4: - PEM & Antinutritional factors

I SEM [Paper 6]: Human Physiology & Enzymology Past-A Unit 2: Bone & Castilage Digestive System & GIT Hepatie system Excrebery System Endocrine eystem

Past-B Enzymology Unit 3:- Introduction to Enzymes Features of Enzyme Catalysis

-18	

1	III SEM(NEP): Reaction Mechanism & Allphatic
	hudeocastons
	Unit 3 ; Mechanien of electrophilic.
	agomatic substitution reactions
	Unit 4:- Bio - organic Compourde
V	SEM (NEP): Paper-5
	Unit 1'- Casbohydaates
	Unit 2:- Lepids
	Unit 3: - Amino acide g protoine
	Unit 4'- Nutritional Biochemistry
	Introduction, Vitamine, Meneral
	Metaboliern.
V	SEM (NEP) : Paper-6
	Past - A:- Human Physiology
	Unit 1:- Nervous system, Respiratory system,
	Cardio-vascular system, Muscular eyst
	Part - B'- Enzymology
	Unit 4'- Enzyme Kinetics of single
	substrate reactions.
	Enzyme Inhibitions.

#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (ODD SEMESTER) BIOCHEMISTRY

#### CONSOLIDATED

Day	8.30-9.30	9.30-10.30	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		V (BC LAB) LC LC					<	V SEM	M (LC)	>
TUE		V (BC LAB) LC		V (BC LAB) LC		LUNCH				
WED		<{LC}V SEM{SN}>				с н	< III SEM (SN)			
THU	V (BC LAB) LC		V (BC LAB) LC			B R				
FRI		III (BC LAB) SN	V (BC LAB) SN	III (BC LAB) SN		R E A K				
SAT	V (BC LAB) SN		III (BC LAB) SN	V (BC LAB) SN						

LIKITH CLEMENT ( LC) SUMAN NARAYAN (SN)

Dr. M Carlas MSL, MALAD Principal Sarada Vilas College, Vishermutiveren Mear

Likuth Charles (1997) - 2 rt Head (1997) - 20 a fri Hubble (1997) Sorađa Vistor (1997) Gavara (1997) - 2

Mombers Present Signature Name Likits dement Suman Nasayan 0 St. M Devika MSC.M.Phil.Ph.D. Principal rada Vilas College. Ensina guethypuram, Mysuru

### Department Council Mesting

She Meeting was conducted with regard to work destribution of cyllabus & Time table allotment for the present even semester February 2024

All teachers altended the mosting & discussed, the following decision were made

1. Syllabus distribution among teachers

1. Likith clement

TV SEM [NEP] :- Analytical Biochemistry Unit 2:- Chromatography Unit 3:- Radioisotopic Methods

VI SEM [NEP]: Paper 8 : Molecular Biology of Immunology Unit 1: DNA Replication & Mutation Unit 2: Transcription, Geretic Code, Translation J Regulation of Gene expression Unit 3: Genetic Engeneering Unit 4: Immunology.

2. Suman Nasayan IV SEM (NEP): Analytical Biochemetiky Unit 1'- Biological sample preparation & fractionation Centrifugation. Unit 3: Rectrophonesis & radio rectopic

21

methods

Rectrophoresis. Unit 4: Spectroscopic methods of to-analysis JI SEM (NEP) Paper 7: Metabolism with clinical correlation Unit 1:- Broenergeties Unit 2:- Metabolism of Carbohydrates Unit 3:- Metabolism of Lepide Unit 4:- Metabolism of Amino acide. Practicale Lixits clement: - VI GEM(NEP) 1. Paper 7:- Metabolien with clinical correlations 2. Suman Nasayan: - IV SEM (NEP) Analytical Biochemistry VI SEM (NEP) Molecular Biology & Immunology. 376

#### SARADA VILAS COLLEGE, MYSURU TIME TABLE FOR THE YEAR 2023-2024 (EVENSEMESTER) BIOCHEMISTRY

### CONSOLIDATED

Jay	8.30-9.30	9.30-10.30	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	
MON				VI(BC LAB) LC	IV.BC LAB) LC		<visem (lc)<="" td=""></visem>			
TUE		V](BC LAB) LC		V)(BC LAB) LC		L U N C H				
WED		<				(SN)				
тни	VI((BC LAB) LC		VKBC LAB) LC			B R				
FRI		IV(BC LAB) SN	V)(BC LAB) SN	IV(BC LAB) SN		E A K				
SAT	VI(BC LAB) SN		₩(BC LAB) SN	VI(BC LAB) SN						

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Dr. 51 Carlie M.S., M.H., M.S., Principal Sarada Vilas Collega, Visbarrothesenen Merce

#### LIKITH CLEMENT ( LC) SUMAN NARAYAN (SN)

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LIFITH CLEMENT SUMAN NARAYAN 001 Dr. M Devika M.Sc.,M.Phil.,Ph.D. Principal Bereda Vilas College, With Anemurthy puram, Mysuru 377

Depositment of Miceobiology & Biotechnology. The above mentioned departments stganised the meeting to allot time table and syllabus of B.Sc to suspective stage for the year 2023-22 [ Odd semester] odd Time: 10.30-to 11.30pm Date: 07/09/2023 Agenda: Time-table allotment of B.Sc [Practical & Theory] 1) Syllabus allotment of B.SC [Practical & Theory] 2) Practical & theory distribution & discussion - Scheme 3) Other energnirements to the depositment. A) Any other. 5) Members attended Signature Capt. R.A. Manjunath 1) Tribhievan K.R 2) Accelerel -- 1-S Abhilash. H.S 31 Head of the Department Department of Biotechnology Saradavilas College, Mysur TIDELOd Sarada Vilas College Mysore-570004 378

Depositment of Microbiology & Biotechnology. The above mentioned depositments Elganized the meeting regoording about lesson plan, work diary and depositomental library details to staff to quide the students. in The academic year 2023-24 odd semester Time: 10.30 to 11.30 Am. Date: 09/09/2023 Agenda: Prepaseation of lesson plan_for 1st, 3rd & 5th semester 1) allotted syllabus. Format and guidelines for work diary maintenance 2) to staff. Planning for instruct the guidelines to students 3) regarding about discipline subject including both theory and proverical. Proposing of stegnisement list for practicals and 4) theoly topics. Establishment of Guidelines -187 lending deportmental 5) library books and instruct to students. Signature Members attended 1) Capt. R.A. Marjunath Tribluevan. K.R. 2) Aleeeeel . H.S Abhilash. H.S 3) ded of the Depertment Department of Biotechnology Saradavilas College, Mysore Principal Sarada Vilas College Mysore-570004 379

Department of Microbiology & Biotechnology. The above mentioned departments organized the meeting to allot time table and syllabus of B.SC and Himetable [seallocation] to suspective stoff for the accolemic year 2023-24 [odd sem] Time: 04 to 04.30 pm. Date: 21/09/2023 Agenda: Reallocation of time-table of B.Sc. both practical 1) and theory to the staff. Reallocation of syllabus of B.sc both practical 2) and theory to respective staff. other seeguirements to the department. 3) Any other. 4) Members attended gnatule V Capt. R.A. Manjunoth. Tribhuvan. K.R 2) 3) Abhilash. H.S recell. H.S Dr. Asha.K. 4) field of the Department Department of Biotechnology Sacadavilus College, Mysore Principal Sarada Vilas College Mysore-570004 380

Department of Microbiology & Biotechnology. The above mentioned depositment organised the meeting to allot time table and syllabus of B.Sc to superive staff for the year 2023 - 24 [Even Semester ] Time: 10.30+011.30,pm Date: 03-11-2023 Agenda: Time table allot ment of B.Sc [ Theory & Practical] IJ Syllabus allotment of B.Sc [ Theoly & practical 2) Practical & theoly scheme distribution & discussion 3) 4) other requirements to the departments. 5) Any other. Members attended signature ) Capt. R.A. Manjunath & Tribhuvan. K.R 2) Abhilash H.S. 3) H-S Dr. Asha. K 4) Department of Microbiology & Biotech watery Seradavilas College, Mysort 381

Date 29 / 08 / 2023. The faculty Members of the departmenter linformed to attend the staff meeting on 29/8/2023. (2) 3.00 PM under the Chalemanchip of Dean Prof. Satyanorayar Membere Present: - 1 1. Dr. Jyoth P. A.N. 2. Mr. Mahendra. B.S. Ab Smt. Ucha. D.M. 3. Mr. Raj klehone. S.N. Santa 4. Clithou 3 Mr. Chethan. B. 5. Smt. Sonomya. M.A. Smt. Chaltre: H.V. 6. 7. Mr. Puneth. V. B Smt. Acha. K.C. Anton K. HH-M9 Mr. Mallikagjunaradhya H.M. Ms. Padmini. P. 0 Todriere 11. Dr. Anand. G. 12. Dr. Divya. S. 13 Mr. Aapltha. K. 14 Mys. Pragathil. K 15 > Meeting Proceedings :- !!! Dean Sin volcomed the gathering. 6 <u>- 1 - 1</u> The UG Classe Commences from 119/2023 -X-The Crane's chould nun according to the time table. Tême table will be prepared by Sownya Man, Mahendra Sin, and Vaha Man. RAIDHANI 382

Date: / -X Subject duotment he ready and Community cated to the respective faculty Members and No Classee Chould let free. If the faculty the avaling leave hleftice classes chould be allotted to Other faculty Member. * Menton duoration and Committing duotment when be descussed in the next meeting. * , PGEE Coaching Classes will commence from 30/8/2023 and It will go upto 2/9/2023. Exams are on 3/9/2023 . The table and Bubject allotment are ready and the faculty members has to prepare question banks and Enbuilt It to madam Pragathi by 30/8/2023 * G test for M.com & on 4th & 5th of Septement 2023. Accegnment Queetlone well be found on solel 2023, and Collection date Le 8/0/2023. 4.4 Project Reports of Filmal year M.com students should be neady by 618/2023 Separate Academic calenda has to be -10 maintained for both UES PE and It should Enclude Cultural activities probable Mater also. RAJDHANI 383

Date: / / - Jyothi Man, Anpitha Ma'ani from Py Raf Klehore Sla from Ug will take op the responsibility. * Nork daling Nork dalry - Every Body hav to malstale the Nork dalry negularly from 1912023 It have to get signed by HOD every week and every month by Palincipal. Chaitza. H.V. will look after this. Menton Meeting should be carried out Once in 15 days atleast and seperate Minute book should be maintained to X record the proceedings and the report Library Encharge Le gévin to Dr. Anand & > 4+ Envolves maintance of Department X Ilbrary. > Taking the Etudents to the Ibbrary when they are free. 2.4 -3 RAJDHANI 384

The facility Members of the depart. and Enformed to attend the meeters on 10/10/2023 @ 4.00 pm under the On le lie 2000 ( Dean prof. Sad Janaraya Members Present:-1. Mr. Mahendra. B.S. 2. Smt. Ucha. D. M. 3. Mr. Rafkichone, S.N. 4. Mr. Chethan B. 5. Smt. Sowmya. M.A. 6. Smt. Chaitna, H.V. 7. Mar. Punceth. V. Smt. Acha. K.C. 9. Mai Mallekarf maradhya. H. M 10. Smt. Chechina. K. M. Smt. Chôtre. Hegde. 11. W. Dr. Ananda. G. 13. Dr. Dévya. S. .... 13. Ms. Bhangart. 15. Meeting Proceedings: -Dean Sin welcomed the gathering × Students Menton meetling needs to be Conducted Once in is plays, and The Menton book has to be completed within × this caturday RAJDHANI 385

a 1 Date: / / * Internal accusement text 1 has to be Conducted for the condents in the flast week of alovember. * Assignment Questions has to be given to the estudiate and date of Enbuilderon will be déreussed later. On 27th of October there is a One day workchop on. "Opportunitly & Challinger faced by CA. CS and CMA profinitional." for both 1st year B.com & BBA Students. × * Faculty Members Chould motivate the ctudents & order to for professional Coinces like CA, CMA, CS and tally: Faculty Incharge?-CA -> Smillhan. Q. Hegde. ...... CS -> Mc Chethan. B. a. CMA -> mt Soromya. M.A. Tally -> Smt. Acha. K.C. 1 5.8 5 T - 60 F. Incipal Serada Vilas College Mysore - 570 004 386

Date: 19 /10 /23 The facility Members of the departure one Reported to attend. the staff mede on 19/10/2023 @ 4.00 pm In dean starts Cable under the Chalimanship of Dear Prof. Satyanarayana. Members. Predent 1 -1. Dr. Jyoth? A.N. Ms. Anplitha. K. 2 Mye. Pragathp. K. 3. 4. Mr. Mahendera. B.S. sts. Smit. Veha. D.M. 6. Mr. Rajklehone. S. N. Mr. Chiefhan. B. 1 8. Smt. Sonomya. M.A. 9. Smt. Chartra. H.V. 10. Mr. Puneeth. V. 11. Smt. Acha. K.C. HMM 12. Mr. Mallikazjunaradhya. H.M. 13. Smt. Chechme. K.M. 14. Smt. Chitna. G. Hugden - 1. 15. Dr. Ananda. G. 16. Dn. Dlvyn. S. 17. Smt. Spabiene. 18. Ms. Bhangavi. 19 Keerthi Suraj S 0 > Membors Meeting Proceedings!-* Dean Sin welcomed the gathering The proceedings of the previous X 387

Date: / / Were read and approved. It le decladed to celebrate Sharada pooja In the department on selectros. (saleday Mahendra Strand Sownya ma'an where X take up the responsibility. On 27th of October, 2023. There is an one day workshop & planned for both 1st year B. com and BBA students and for the Y program. The Committees are as follower. 1. Stage Committee :-* Mahendra. B.S * Mr. Chethan. B Regentration :-2. 0 * Ent. Veha. D. M. * Smt. Chedhma. K.M. Guest Horpstallty. + Snot. Sowmya. M.A. 3. * Smt. Chechara Chaitna. H.V. Food : -4. * Mr. Mallikarfunaradhye. H.M. * Mr. Puneeth. V. Certif Ecote :-5. * Sint. Acha. K.C. 20 Smit. Caltura G. Hegde. 6. Report :-* Dr. Ananda. G. * Sout. Sabrena. * It & dudded to Conduct the CI test tor both B. Com & BBA Etudents on RAJDHANI 388

Date: / / zord & 4th of Alovemba 2023. And the form Members Ehould give the question paper for G test on Or before 26 10/2003 * Accégnment Questlone?-Depue doite - 20/10/2023. Collection date - 10/10/2023 * At & adviced to all the faulty Membors to give full Co-operation M. com adniestone. the start of taxa Hereitz P. L. & P. P. the state of the s - Se ÷, Y a the second sec T. 3. 0.1 0.1 ÷ 9.2 алы 36 ж. ¹⁹ т ê. 1 d<u>.</u> ŧ. a da se seg +6: V . 1 F. 1 RAJDHANI 389

Date: 28/11 /2023. The faculty Members of the depostment our Repaired to attend the staff meeting ) on astillaoss @ 4.00 pm in dian siz's Cables under the chiabimanentp. of Dean. Prof. Satyanarayana. Members Present :-Dr. Jyoth? A.N. ١. Smt. Pragathl. K. 2 Mr. Mahendra. B.S. 3. Smit. Usha. D.M. 4. Mai Rai Kichone. S. N. 5 Mg. Chethan. B. 6. Smt. Sononya. M.A. M.H. A. 8 Mr. Punceth. V.  $\mathbb{D}$ . Stores . ? 9 10. Smt. Acha. K.C. Ahark.C. Mr. Mallikagfuneradhya. H.M. HNNG 11. Smt. Chichmank.M. Ame. 12 Smt. Chiltne. G. Higden ... " Quert 13 Sect S 16. Smt. Sabura. " the meting. * Dran. Prof. Satzanarazana welcomed the gathing . the background, of one day workshop ed for. Ist year Broom and BBA students * With Conducted for. ( 390

Date: / on " Commerce. - Road Ahrad" we as the faith members of the department should proved the students in order to foli for other professional Considers like CA. CMA, CS. april promittie normal Bachelor degree. of the facility Incharge!-1. CA - Chitma Alegde 6. 2. CMA - Soronya. RA.A. 3. Cs. - Chethan.B. * A complete report on the association along with other documentations required has tob. prepared and by 4th dicember dods by Sownya & Chaitre. Course outcome of and & 4th Ernicter B. com & BBA nelds to be finalized × An action plan for the Management first has to be prepared and public Dit to dean by 6th dec dods × Faculty Incharge :- Mr. Mahendra. 8: Smt. Sownya. M.A. Commerce Diek [ Commerce Kalarave × has to be planned for the next ferry for the benefit of the Students Faculty Incharge : tra Chethan B' Ma Raf Kichore Raf Richore S.N. Sut Ochan D. M. and a second and out of - 4% - 4% 4 E 1 1 1 rat more 30 K ... ... RAJDHANI 391

Date: / ·/ * Final Attendance Chathe of the Students chald be prepared and entered in the Google Cheet by 30th Nov 2023. Attendance chould be Narked upto 14th december 2023. Menton Michleg. Chould have to a picheduled tommorrow (29/1/2023) @ 3.00 pm. 4 * Faculty members chould ensure that Vicitors book & parents book. La been maintained property. សតណៈសៀមទៅស្ដែរ។ Assertable to see the one" - S. . . . . . and atom mines of anyon it hardin see provided which is in a country of a construction a the second of the West of

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RAJDHANI

Even Semeeter - 2023-24.

Date 26/02/201 The faculty members. of the dipartment where Enfortneed the attend the metter on solalway ( H. A.M. So dian 88-11) 1.1 Cable under the Chalmanchip of Dean Prof. Satyanarayana. Members Precent.:- ' 1. Dr. Jyoth's. A.N. Ayıol2/24. 2. Min. Mahikana. B.S. Ab . 3. Smt. Ucha. D. M. whe Dry 4. Mr. Rajkichone, S.M. ... Mr. Chichan. B. , better 3 5. Smt. Soromya. M.A. do 8. Sont. Charta H.V. haitre Mr. Puneeth. V. 10. Smt. Acha. K.C. 11. Mr. Mallikangunanadhya, H.M. 12. Smt. Checkma, K.M. ff no 13. Sont. Chitora, Hegde. 14. Dr. Anand. G. Su 15. Dr. Divya. S. 16. Sont. Sabre -> Proceedings of the Meeting * Dean Sir Welcomed the gathering. * The classes for the Even Senester plasted from 12 Feb 2024. Rubjerts are alloted to faculty members. On on Annage each faculty held get 16 to 17 hours of workload. RAJDHANI 393

Date: / / / Attendance register should be reaintained forofierly & work diary has to get signed by the Dear on & atuidays. * until the finalization of timetable faculty members are protected do jollow demporary timetable. Minters muting nuds to be conducted once in 15 days for the Studient progression. And the × Neuting should cours all this asses queh as a dtindance D Risult dnalynia D chair and a dialance D. Class 200m - Disligline @ Participation In any of the activities conducted by Department. (f) notivating du students to take past In cultural detruction and College Actuationalso Tally workshop glasts from 1th march 2024 for -* an Employues of SVE & it is a one neck workshop organizing from the Department of Commerce & Rusiness Administration in association with IQAC for the benefit of non-teaching peulties. Cultificat which be provided for the regilting participants Sout Atha K.C. will take my the responsibility E gub connittees tas to be formed

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RAJDHANI

Even Servister - 2023-24

18/3/2024 The faulty Minubers of the defastment ion Informed to attend the meeting on 18,31,2000 (@ 11 a.m. In Dean Sir's Cabin under the chailing (On Pers). Satyanarayana. Menshes Present :- . 1. Dr. Jyothi A.N. · Ju 2. Mg. Mahindra, B.S. 3. Smt. Usha D.M. H. Mg. Rajkishou . S. N. cr 5. Mg Chethan. B. 6. Smt. Socomya M.A. 7. Snot. Chailtra . H.V. Mg. Reneth .N. 8.1 Sut. Asha. K.C. ingining more discus 9. 10. Mr. Mallikaejunariadhya. H.M. 11 Sut. Chiphma. K.M. 12. Sont Chilta Hegdanis al al 13. Dr. Anand G. 14. Da. Divya. S. 15 Snit Sabiena ...... * Dean Sir wilcomed the Gathering * The jaculty of the Department respited PU course On 9/3/24, and 11/3/24 and dry response from dhe gludints was good. Every faculty rembers are Injoined to collect Phone Numbers of PU Students from different RAJDHANI 395

Date: / / * Sie Students phone numbers are already given. * Articles: & Poetry's are velloomed. from pulling. "numbers for the college Magazine Shahada please do Co-opieate. * From here onwards the jawly minibus are Instructed to performe Course outcome of this suffective pubjects one the susults are but. + In this senestie the digt has to come out with following addictions. a) Special Lecture forogram -> Da Anand. 4. e) Industrial Disit > Mig. H: M. Mallikasjunasidhya d) Commune beek -> Shit Sowinya . M.A. ·····e) FDP → Snit- Asha, K.C. 8 days ddningbrative training frogram for Non-teaching Staff has been organized by the department from A]3[2024 to 14]3]2024. and the product of the a col miteresterit all est. 4 Serada Vilas College Mysore - 570 004 RAJDHANI 396

Even Servilles 2023-2024 20/05/24 Date: / The faculty Members of the department near Informed to altered the multing on 28/05/2024 at 4:00 p.m. In Dean Diris Cap. cendy the Chairmonship of Dean Brof. Satyanarayana. Meribias Present 1. Da. Jyothi A.N. 2. Mr. Mahindra B.S. Eato DM 3. Sart. What D.M. 4. Mar. Rajkishou . S.N. MAR 5. Mg. Chethan . B. 6. Sout Sowmya M.A. # Sout. Charta H.V. ( naitre 8. My, Puneth .N. 9. Sut. Asha. K.C. Anherk le 10. Mr. Mallikaejunaradhya. H.M. HMNG -11. Sout. Cheshna. K.M. Ano 12 Soit Chitra Higde · alun 13. Dr. Anand ig. 14. Dr. Divya .S. 15. Sout. Sabeena. \$ -> Perocuedings of the mutings * Dean Sir Welconed the Cathering. * It is decided to conduct FDP In the month of June through online mode. RAJDHANI 397

Date: 1/ / * Duration of FPP is for 5 days. * Topic :- Recent Development In Research & Research Methodology In Could Celence. * Tentative Dates = 07, 08, 10, 11, 12h of June * There will be one technical persion for day. * Rispurce Person: 1 Sunil -> SPMIMP (2) Dr. Anand. D -> Manasagangatri Myore 3 Arul > @ Lancy D'zouza B Manu: K.S. * Regultation fee B100 -* Faculty Incharge:-@ Session Incharge -> 792. Aprilta.K. Mr. Rajkishou. S.N. ( System subated work -> Smt. ighta. K.C Mr. Mallikaejunasadhy. H.M. @ Resource Person Incharge -> 2)2. Typthi A.N. - Prof. Salyanarayana (a) Report & Documentation > Mr. Chethan . B. Mes. upha . D.M @ Participants Incharge -> Mr. Mahendra. B.S. Sout - Sowmya. M.A. RAJDHANI 398