



CENTRE FOR BIOTECHNOLOGY
EWING CHRISTIAN COLLEGE
(AN AUTONOMOUS CONSTITUENT COLLEGE UNIVERSITY OF ALLAHABAD, PRAYAGRAJ)

No. BoS Min/Biot/CoC/1/2020

Date: - 15.01.2021

Minutes of the Meeting

The meeting of the Board of Studies in Biotechnology, Ewing Christian College, Prayagraj held on **Friday 15th January 2021 at 1:30, pm** in the Seminar room of the Botany Department, E.C.C

1. **Prayer:** Dr. A. S. Moses/Mr. X. Kuncheria lead the meeting in prayer
2. **Roll call:** Following members were present in the meeting

Prof G. Kumar, Prof. D.K. Chauhan, Prof. M. P. Singh, . Prof Shanty Sundaram, Prof. Shivesh Sharma, Dr. A. S. Moses, Dr. V. Mushran, Dr. (Mrs) S. Chaturvedi, Dr. P.C. Srivastava, Dr. A.K.Tewari, Dr. S. K. Mishra, Mr. X Kuncheria (Co-opted member)

3. **Appointment of Recording Secretary:** Dr. S.K. Mishra was appointed as recording secretary for the proceedings of the meeting
4. **Welcome to the members:** Dr. S K. Mishra , Chairman of BoS/ Coordinator, Biotechnology welcome the members of Board of Studies in the meeting .
5. **Approval of the minutes of previous meeting:** Members approved the minutes of the meeting of BoS /CoC held on 10th October, 2019
6. **Review of the Syllabus :** Dr. S. K. Mishra, Coordinator , Biotechnology, Ewing Christian College, proposed the need of review of existing syllabus of Biotechnology in the light of recommendations made by members of BoS in its meeting held on 10.10.2019 and subsequent approval of proposal for syllabus modification by the Academic council of E.C.C. in its meeting held on 28.07.2020, taking repetition of syllabus contents in consideration, demands of students appearing in JAM and other entrance examinations, changing role and relevance of subject for the society and optimal utilization of knowledge domain of faculty members
7. **Proposal of modified syllabus :** Dr. S. K. Mishra, Coordinator, proposed the modified syllabus of B. Sc. Biotechnology drafted by him in consultation with faculty members of Biotechnology and experts for the approval of BoS w.e.f Academic session 2020-21

[Signatures]
S. K. Mishra
15.01.2021
M. P. Singh
G. Kumar

- a. **Semester 1:** Paper 1 and 2 minor modification in title and restructure of course content in each of the three units by intra and inter unit reshuffling of contents
- b. **Semester 2:** **Paper 1 title changed from Bioenergetics and Human Physiology to Human Biology** (Unit 1 of bioenergetics is transferred to paper 2 of semester IV entitled Biochemistry and it was replaced by Unit 1 of paper 3 of semester V entitled Essentials of Animal Sciences); inter unit reorganization have been made in Paper 2 entitled Cell and inheritance biology
- c. **Semester 3:** Intra and inter unit reorganization of content Paper 1 entitled Microbiology have been made
Paper 2 Title changed from **Biomathematics, Biostatistics and bioinformatics to Biomathematics , and Biostatistics** by transferring Unit III entitled Bioinformatics to paper 3 of Semester VI and Restructuring the paper by adding **matrix theory and Permutations and combination** and minor modification in existing syllabus of Biomathematics and Biostatistics
- d. **Semester 4:** Intra and inter unit restructure of content in Paper 1 entitled Molecular biology and paper 2 is tiled as **Biochemistry and Bioenergetics in place of Biochemistry** by adding unit 1 (Bioenergetics) from paper 1 of sem 2 of existing syllabus.
- e. Semester 5 restructure of content by intra and inter unit reorganization of the contents of papaer1, 2, and 3
- f. Semester 6: Restructure of content by intra and inter unit reorganization of the contents of papaer1, 2 and SSEC
- g. **Semester 6: Elective paper 3A entitled Essentials of Animal Sciences was replaced by paper 3B entitled** Entrepreneurship and Nanobiotechnology by changing title as Bioinformatics and Nanobiotechnology . The relevant contents of Essential of animal Sciences were placed under paper 1 of Semester 2.

8. **Recommendation/suggestions and approval of the modified syllabus by members of BoS:**

The proposed syllabus was adopted with minor changes in paper II of semester 3 as suggested by Prof. M.P. Singh and addition of basic principles of entrepreneurship as suggested by Prof Shresh Sharma

9. **Appointment of Examiners:** Members of BoS resolved to recommend the names of Examiners (Paper setters/Evaluators/ Co-evaluators) and consolidated panel of practical examiners for semester I-VI in B.Sc. Biotechnology for the academic session 2020-21 in the format provided as per the guidelines/ Rules and regulation of the College.

2
 Silsho
 15.01.21
 [Signature]

[Signature]

[Signature]

Silsho
 15.01.21

10. Any other matter

- (i) Acceptance of new examination rules from academic session 2020-21
- (ii) As per new examination rule there will be no internal assessment test for B. Sc. program from academic session 2020-21, Each theory paper will be of 75 marks as against 60 marks and grade will be awarded for SEC/ SSEC papers from academic session 2020-21

11. **Adjournment of meeting:** The meeting was adjourned with formal vote of thanks proposed by Dr. S. Chaturvedi

12. Signature of the members of BoS

1. Prof G. Kumar

G. Kumar
15/01/2021

2. Prof. D.K. Chauhan.

D.K. Chauhan

3. Prof. M. P. Singh

M.P. Singh
15/1/2021

4. Prof Shanty Sundaram.

S. Shanti
15/1/2021

5. Prof. Shivesh Sharma

Sharma
15.1.21

6. Dr. A.S.Moses

A.S. Moses

7. Dr. V. Mushran,

V. Mushran

8. Dr. Mrs. S. Chaturvedi

S. Chaturvedi

9. Dr. P. C. Srivastava.

P.C. Srivastava

10. Dr. A.K.Tiwari

A.K. Tiwari

11. Dr. S. K. Mishra

S.K. Mishra
15/1/2021

12. Mr. X. Kuncheria

X. Kuncheria

S.K. Mishra
15.01.2021

S. K. Mishra

(Chairman of BoS/Recording secretary)

Minutes of the Committee of Courses / Board of
Studies in the Department of Commerce 18/10/22 at
1:00 P.M

Member Present

1. Dr. Anil K. Singh
2. Prof. R.S. Singh
3. Dr. R.K. Singh
4. Prof. Archana Chandra
5. Dr. Dinesh Kumar
6. Dr. T.J. Sebastian
7. Dr. Shetla Prasad
8. Dr. Ashok K. Pandey

Dr. Anil K. Singh
18/10/2022

Prof. Archana Chandra

Dr. Dinesh Kumar

Dr. T.J. Sebastian

Dr. Shetla Prasad

Dr. Ashok K. Pandey

Dr. D. Pandey 18.10.22

AGENDA

- 1) Opening prayer
- 2) Roll call
- 3) Appointment of Recording Secretary
- 4) Welcome of Member by Coordinator.
- 5) Appointment of Paper Setters & Examiners for the
Ist, IInd, III, IV, V, VI Semesters examinations
for the year 2022-2023.
- 6) Approval of SEC Syllabus & Topic 'E-commerce' for
SEM VI
- 7) Approval of 20% curtailed Syllabus for the
Semesters IIIrd, IV, V, VI.
- 8) Change Approval of Change in Course code
in optional papers of Sem V & Sem VI.
- 9) Any other matter with the permission of the Chair
- 10) Vote of thanks

Dr. Anil K. Singh
18/10/2022

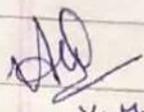
Dr. Anil K. Singh
18/10/2022

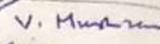
6.) Approval of SEC Syllabus. ^{& topic} → We discussed the SEC Topic (E-commerce) & approved its syllabus for semester VI.

7.) Approval of 20% curtailed syllabus → Board members discussed 20% curtailed syllabus for semesters III, IV, V, VI and approved it only for this year (2022-23)

Minutes of the Board of Studies held
on 21 January 2021 at 3:00 p.m in
the Department of Chemistry, Ewing
Christian College, Prayagraj.

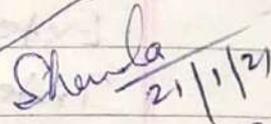
Members Present :

1 - Dr. A. David: 

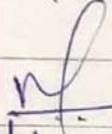
2 - Chairperson : Dr. V. Mishra 

3 - University recognized teachers of
 E.C. College, Allahabad

(i) Dr. S. Sahai 

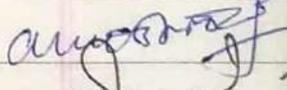
(ii) Dr. S. S. Sanjay 

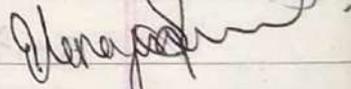
(iii) Dr. V. Bhadawria 

(iv) Dr. J. Masih 

(v) Dr. Abhinav Lal 

(vi) Dr. K. K. Tungala 

(vii) Dr. M. Karunakar 

(viii) Dr. E. Samuel 

3 - Chairperson of subject other than
 chemistry

Dr. A. K. Pandey (HOD Maths, E.C.C.)
 21.1.2021

4 - Chairperson BOS of Allahabad
 University and another

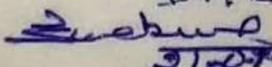
(i) Prof. Jagdamba Singh (Prof Emeritus)

(ii) Prof. P. K. Tandon (HOD)

5 - Subject expert of other college

 Dr. Saranda Das (HOD, Chem, CMP, DC)

6 - one subject expert special invitee

 Dr. L. C. T. Eusebius (Ex HOD, Chem., ECC)
 21.01.2021

AGENDA

1. opening prayer
2. Roll call and apologies
3. Appointment of recording secretary
4. Welcome of Dr. P. K. Tandon and Dr. Sumanda Das
5. Appointment of examiners in B.Sc, Semesters \bar{I} - \bar{VI} in both theory and practical.
6. Appointment of examiners in M.Sc, Semesters \bar{I} - \bar{IV} in both theory and practical.
7. changes in the syllabi.
8. Any other matter with permission of chair
9. Vote of thanks.

Proceedings

1. Opening prayer : Led by Dr. Justin Masih
2. Roll call and apologies : ~~All~~
 Attendance attached
3. Appointment of recording secretary :
 It was unanimously resolved to appoint ~~Dr. Samuel~~ ^{Ebenezer} as the recording secretary.

B. B. Sc Semester - II
 Paper - I Physical Chemistry
 (Course Code - 2CHETH1)

1. Dr. A. K. Shukla (CMP)
 2. Dr. Mridula Tripathi (CMP)
- Reserve Examiner: 1. Dr. P. K. Dutta
 (CINNIT)
2. Dr. Arti Gupta (CMP)
- Moderator: 1. Dr. V. Mishra
 2. Dr. S. Sahai

Paper - II - Inorganic Chemistry
 (Course Code - 2CHETH2)

1. Dr. S. S. Sanjay
 2. Dr. J. Masih
- Reserve Examiner: Mr. A. Lall
- Moderators: 1. Dr. V. Mishra
 2. Dr. J. Masih

C. B. Sc Semester - III
 Paper - I - Organic Chemistry
 (Course Code - 3CHETH1)

- Santosh Srivastava
1. ~~Dr. M. Barnabas~~ (ECE)
 2. Dr. Babita Agrawal (CMP)
- Reserve Examiner: Dr. ~~Santosh Srivastava~~
 Ms. Barnabas (CMP)
- Moderator:
1. Dr. V. Mishra
 2. Dr. A. David

Paper - II - Physical Chemistry
(Course Code - 3CHETH2)

1. Dr. S. Sahai

2. Dr. K.K. Tungala

Reserve Examiner: Dr. V. Mushran

Moderator: 1. Dr. V. Mushran

2. Dr. K.K. Tungala

D. B.Sc Semester - IV

Paper - I - Inorganic Chemistry
(Course Code - 4CHETH1)

1. Dr. S. Srivastava (A.U.)

2. Dr. S.S. Narvi (MNNIT)

Reserve Examiner:

Dr. A. Chatterjee (SHVATS)

Moderator: 1. Dr. V. Mushran

2. Dr. S.S. Sanjay

Paper - II - Organic Chemistry
(Course Code - 4CHETH2)

1. Dr. V. Bhadania

2. Dr. M. Karunakar

Reserve Examiner,

Dr. A.D.M. David

Moderator: Dr. V. Mushran

Dr. A.D.M. David

B.Sc Semester - V

Paper - I - Inorganic Chemistry
(Course Code - SCHE TH1)

1. Dr. J. Masih

2. Dr A. Lall

Reserve Examiner:

1. Dr. S.S. Sanjay

Moderator

1. Dr V. Mushran

2. Dr. S.S. Sanjay

Paper - II - Organic Chemistry
(Course Code - SCHE TH2)

1. Dr. Archana Pandey (CMP)

2. Dr. Poonam Pathak (HNBP College)

Reserve Examiner:

Dr. Poonam Prakash (SHVATS)

Moderator:

1. Dr V. Mushran

2. Dr A. David

Paper - III - Physical Chemistry
(Course Code - SCHE TH3)

1. Dr V. Mushran

2. Dr. K. K. Tungala

Reserve Examiner :

Dr S. Sahai

Moderator

1. Dr. V. Mishra

2. Dr. S. Sahai

B.Sc. Semester - VI

Paper - I Inorganic Chemistry
(Course Code - 6CHETH1)

Amit Chatterjee

1. Dr. ~~C.F. Kumbhar~~

2. Dr. Jyoti Mani (SHVATS)

Reserve Examiner

Dr. Sumanta Das (CMP)

Moderator :

1. Dr. V. Mishra

2. Dr. J. Masil

Paper - II - Organic Chemistry
(Course Code - 6CHETH2)

1. Dr. A.D.M. David

2. Dr. M. Karunakar

Reserve Examiner :

Dr. V. Bhadania

Moderator :

1. Dr. V. Mishra

2. Dr. V. Bhadania

Page No. :
Date :
Paper - III - Physical Chemistry
(Course Code - 6 CHE TH 3)

1. Dr. S. Sakai

2. Dr. V. Mishra

Reserve Examiner :

Dr. K. K. Tungala

Moderator :

1. Dr. V. Mishra

2. Dr. K. K. Tungala

G. Skill Enhancement Course :-

(Subject Specific)

[Course Code - 6 SEC 004]

Spectroscopic Methods of Chemical Analysis

1. Mr. A. Lall

2. Dr. V. Bhadauria

Reserve Examiner: Dr. J. Masih

Moderators :

1. Dr. V. Mishra

2. Dr. V. Bhadauria

6. The following consolidated panel of chemistry practical examiners of B.Sc Semester I - VI was approved for Academic Session 2020 - 21.

INTERNAL EXAMINERS

- | | |
|----------------------|-----------------------|
| 1 - Dr. A. David | 2 - Dr. V. Mushran |
| 3 - Dr. S. Sahai | 4 - Dr. S. S. Sanjay |
| 5 - Dr. V. Bhadania | 6 - Dr. J. Masih |
| 7 - Dr. M. Karunakar | 8 - Dr. K. K. Tungala |
| 9 - Mr. A. Lal | 10 - Dr. E. Samuel |

External Examiners

1. Prof. Jagdamba Singh, AU
2. Prof. (Mrs) K. Srivastava, AU
3. Prof. Jagdish Prasad, AU
4. Prof. S. Srivastava, AU
5. Prof. L. D. S. Yadav, AU
6. Prof. R. K. P. Singh, AU
7. Prof. P. K. Tandon, AU
8. Prof. (Mrs) Geeta Watal, AU
9. Prof. (Mrs) Vandana Singh, AU
10. Prof. I. R. Siddiqui, AU
11. Prof. Dinesh Mani, AU
12. Prof. R. K. Singh, AU
13. Prof. A. Mahan, AU
14. Dr. Archana Pandey, CMP
15. Dr. A. K. Shukla, CMP
16. Dr. Babita Agrawal, CMP
17. Dr. Roli Srivastava, CMP
18. Dr. Mridula Tripathi, CMP

19. Dr. Arti Gupta, CMP
20. Dr. Santosh Srivastava, CMP
21. Dr. Sunanda Das, CMP
22. Prof. P.K. Dutta, MNMIT
23. Prof. G.K. Mehwotra, MNMIT
24. Prof. S.S. Narvi, MNMIT
25. Dr. Kalpana Gupta, SPM
26. Dr. Anil Kumar Shukla, SPM
27. Dr. Poonam Pathak, HNB
28. Prof. A.K. ~~Sharma~~ Gupta, SHUATS
29. Dr. Amit Chatterjee, SHUATS
30. Dr. Reena Lawrence, SHUATS
31. Dr. Poonam Prakash, SHUATS
32. Dr. Jyoti Mani, SHUATS
33. Dr. Archana Jyoti, SSK
34. Dr. P.N. Srivastava
35. Dr. Satyendra Singh
36. Dr. R.D. Singh
37. Dr. L.C.T. Eusebius
38. Dr. (Mrs) M. Barnabas
39. Dr. Abhishek Srivastava, CMP
40. Dr. Praveen Singh, CMP
41. Dr. Deepa Srivastava, CMP
42. Dr. Arjita Srivastava, CMP
43. Dr. Vishal Srivastava, CMP

7. Appointment of examiners for M.Sc Semester I to IV for the academic session 2020-21 for theory examinations:

A.

M.Sc Semester - I

Paper - I Inorganic Chemistry
(Course Code - CHEITH01)

Dr (Mrs) Sumanda Das

1. ~~Dr. Sankar Srivastava~~
 2. Dr. Krishna Srivastava
- Reserve Examiner:

Dr. L.C.T. Eusebius

Moderator: 1. Dr. V. Muthran

2. Dr. J. Prash

Paper - II - Organic Chemistry
(Course Code - CHEITH02)

1. Dr. V. Bhadani

2. Dr. A.D.M. David

Reserve Examiner: Dr. M. Karunakar

Moderator:

1. Dr. V. Muthran

2. Dr. A.D.M. David

Paper - III - Physical Chemistry
(Course Code - CHEITH03)

1. Dr. S. Sahai

2. Dr. K.K. Tungala

Reserve Examiner: Dr. V. Muthran

Moderator: 1. Dr. V. Muthran

2. Dr. K.K. Tungala

Date: _____

Paper - IV - Analytical Chemistry
(Course Code - CHE1TH04)

1. Dr. L. C. T. Eusebius
 2. Dr. S. S. Narvi (MNNIT)
- Reserve Examiner: Dr. A. Chatterjee
- Moderator: 1. Dr. V. Mushran
2. Dr. S. S. Sanjay

M.Sc Semester - II

Paper - I - Inorganic Chemistry
(Course Code CHE2TH01)

1. Dr. S. S. Sanjay
 2. Dr. J. Mishra
- Reserve Examiner: Dr. E. Samuel
- Moderator: 1. Dr. V. Mushran
2. Dr. J. Mishra

Paper - II - Organic Chemistry
(Course Code - CHE2TH02)

1. Dr. Babita Agrawal (CMP)
 2. Dr. Archana Pandey (CMP)
- Reserve Examiner:
Santosh Srivastava
Dr. ~~Arindam~~ Tripathi (CMP)
- Moderator: 1. Dr. V. Mushran
v. Bhaduria
2. Dr. ~~Satish~~

Paper - iii - Physical Chemistry
(Course Code - CHE2TH03)

1. Dr. A.K. Shukla (CMP)

2. Dr. Roli Srivastava (CMP)

Reserve Examiner:

1. Dr. Dividula Tripathi (CMP)

Moderator:

1. Dr. V. Mushran

2. Dr. S. Sahai

Paper - iv - Analytical Chemistry
(Course Code - CHE2TH04)

1. Dr. Abhinav Lal

2. Dr. S.S. Sanjay

Reserve Examiner: Dr. J. Maish

Moderators: 1. Dr. V. Mushran

2. Dr. S.S. Sanjay

M.Sc Semester - iii

Inorganic Chemistry

Paper - I - Bioinorganic Chemistry

(Course Code - CHE3TH01)

1. Dr. S.S. Sanjay

2. Dr. J. Maish

Reserve: Dr. Abhinav Lal

Moderator: Dr. V. Mushran

Dr. J. Masih

Paper - II - organometallic chemistry
(Course Code - CHE3TH02)

1. Dr. Shekhar Srivastava (AU)

2. Dr. S. S. Narvi (MNNIT)

Reserve: Dr. Krishna Srivastava

Moderator: 1. Dr. V. Mushran

2. Dr. S. S. Sanjay

Paper - III - Coordination Polymers, Cages
(Course Code - CHE3TH03)

1. Dr. J. Masih

2. Dr. S. S. Sanjay

Reserve: Dr. Abhinav Lal

Moderator: 1. Dr. V. Mushran

2. Dr. S. S. Sanjay

Paper - IV - Spectroscopy of Organic Compounds
(Course Code - CHE3TH04)
CHE3TH14

1. Dr. V. Bhadania

2. Dr. A. Lall

Reserve: Dr. S. S. Sanjay

Moderator: 1. Dr. V. Mushran

2. Dr. A. D. M. David

M. Sc Semester III

Branch - Organic Chemistry

Paper - I - Rearrangement & Photochemistry
(Course Code CHE3TH04)

1. Dr. V. Bhadania

2. Dr. M. Karunakar

Reserve: Dr. V. Bhadania ^{Dr. A. D. M. David}

Moderator: 1. Dr. V. Mushran

2. Dr. A. D. M. David

Paper - II - Oxidation, Reduction & Organometallics
(Course Code - CHE3TH05)

1. Dr. A. David

2. Dr. V. Bhadania

Reserve: Dr. M. Karunakar

Moderator: 1. Dr. V. Mushran

2. Dr. M. Karunakar

Paper - III - Strategies in Organic Synthesis
(Course Code - CHE3TH06)

1. Dr. Santosh Srivastava (CMP)

2. Dr. Archana Pandey (CMP)

Paper - IV

Spectroscopy of organic compounds
(Course Code - CHE3TH14)

1. Dr. V. Bhaduria

2. Dr. A. Lall

Reserve: Dr. S. S. Sanjay

Moderator: 1. Dr. V. Mushran

2. Dr. A. P. M. David

M.Sc Semester - IV

Inorganic Chemistry

Paper - I

Structural Methods in Inorganic Chemistry - I
(Course Code - CHE4TH01)

1. Dr. S. S. Sanjay

2. Dr. J. Masch

Reserve: Dr. Abhinav Lall

Moderator: 1. Dr. V. Mushran

2. Dr. J. Masch

Paper - 2

Structural Methods in Inorganic Chemistry
(Course Code - CHE4TH02)
Prof. Shaktar Srivastava

1. ~~Dr. Sumanda Das (EMP)~~

2. Dr. Amit Chatterjee (SHUATS)

Dr. (Mrs) Sumanda Das

Reserve: ~~Dr. Shaktar Srivastava~~

Moderator: 1. Dr. V. Mushran

2. Dr. S. S. Sanjay

Paper - III
Selected Topics in Inorganic Chemistry
(Course code CHE4TH02)

1. Dr. J. Masih

2. Dr. S.S. Sanjay

Reserve: Dr. E. Samuel

Moderator: 1. Dr. V. Mushran

2. Dr. S.S. Sanjay

Paper - IV

Reagents in organic synthesis
(Course code CHE4TH14)

1. Dr. M. Karunakar

2. Dr. V. Bhadania

Reserve: Dr. A. David

Moderator: 1. Dr. V. Mushran

2. Dr. A. David

M.Sc Semester - IV

Organic Chemistry

Biosynthesis & Chemistry of Natural Products

(Course code - CHE4TH04)

Paper - I

1. Dr. V. Bhadania

2. Dr. M. Karunakar

Reserve Examiner: Dr. A. David

Moderator: 1. Dr. V. Mushran

2. Dr. A. David

Stereochemistry

Paper - II - ~~Heterocyclic~~ & Vitamins
(Course Code - CHE4TH05)

1. Dr. Archana Pandey
2. Dr. Babita Agrawal

Reserve Examiner:

Dr. Santosh Srivastava (Cmp)

- Moderators:
1. Dr. V. Mushran
 2. Dr. M. Karunakar

Paper - III - Biomolecules
(Course Code - CHE4TH06)

1. Dr. A. D. M. David
2. Dr. V. Bhadawria

Reserve: Dr. M. Karunakar

- Moderator:
1. Dr. V. Mushran
 2. Dr. V. Bhadawria

Paper - IV - Reagents in Organic Synthesis
(Course Code - CHE4TH14)

1. Dr. M. Karunakar
2. Dr. V. Bhadawria

Reserve: Dr. A. D. M. David

Moderator: 1. Dr. V. Mushran

~~Paper - I~~ 2. Dr. A. D. M. David

M. Sc Semester - IV

Branch - Physical Chemistry - I

Paper - I (course code - CHE4TH07)

~~Paper - I~~

1. Dr. S. Sahai

2. Dr. V. Mushran

Reserve: Dr. K. K. Tungala

Moderator: 1. Dr. V. Mushran

2. Dr. K. K. Tungala

Paper - II Physical Chemistry - II
(course code - CHE4TH08)

1. Dr. Roli Srivastava

2. Dr. Mridula Tripathi

Reserve: Dr. A. K. Shukla (CMP)

Moderator: 1. Dr. V. Mushran

2. Dr. S. Sahai

Paper - III

Physical Chemistry - III
(course code - CHE4TH09)

1. Dr. V. Mushran

2. Dr. S. Sahai

Reserve: Dr. K. K. Tungala

Moderator: 1. Dr. S. Sahai V. Mushran
S. Sahai
2. Dr. K. K. Tungala

Paper - IV

Reagents in Inorganic Synthesis

(Course Code CHE4TH14)

1. Dr. M. Karunakar

2. Dr. V. Bhadauria

Reserve: Dr. A. D. M. David

Moderator: 1. Dr. V. Mushran

2. Dr. A. D. M. David

8- The following consolidated panel of chemistry practical examiners of M.Sc Semester I to IV was approved for academic session 2020-21.

INTERNAL EXAMINERS

- | | |
|-----------------------|----------------------|
| 1- Dr. A. D. M. David | 2- Dr. V. Mushran |
| 3- Dr. S. Sahai | 4- Dr. S. S. Sanjay |
| 5- Dr. V. Bhadauria | 6- Dr. J. Mesh |
| 7- Dr. M. Karunakar | 8- Dr. K. K. Tungala |
| 9- Dr. A. Lal | 10- Dr. E. Samuel |

EXTERNAL EXAMINERS:

1. Prof. Jagdamba Singh, AU
2. Prof (Mrs) K. Srivastava, AU
3. Dr. Jagdish Prasad, AU
4. Prof. Shekhar Srivastava, AU
5. Prof. L.D.S. Yadav, AU
6. Prof. R.K.P. Singh, AU
7. Prof. P.K. Tandon, AU
8. Prof (Mrs) Geeta Watal, AU
9. Prof (Mrs) Vandana Singh, AU
10. Prof. J.P. Siddiqui, AU
11. Prof. Dinesh Mani, AU
12. Prof. R.K. Singh, AU
13. Prof. A. Mahan, AU
14. Dr. Archana Pandey, CMP
15. Dr. A.K. Shukla, CMP
16. Dr. Babita Agrawal, CMP
17. Dr. Roli Srivastava, CMP
18. Dr. Meridula Tripathi, CMP
19. Dr. Arti Gupta, CMP
20. Dr. Santosh Srivastava, CMP
21. Dr. Sunanda Das, CMP
22. Prof. P.K. Dutta, MNMIT
23. Prof. G.K. Mehrotra, MNMIT
24. Prof. S.S. Naxvi, MNMIT
25. Dr. Kalpana Gupta, SPM
26. Dr. Anil Kumar Shukla, SPM

- Date: _____
27. Dr. Poonam Pathak (HNBP G)
 28. Prof. A. K. Gupta (SHUATS)
 29. Dr. Amit Chatterjee (SHUATS)
 30. Dr. Reena Lawrence (SHUATS)
 31. Dr. Poonam Prakash (SHUATS)
 32. Dr. Jyoti Mani (SHUATS)
 33. Dr. Archana Jyoti (SSK)
 34. Dr. P.N. Srivastava
 35. Dr. Satyendra Singh
 36. Dr. R. D. Singh
 37. Dr. L.C.T. Eusebius
 38. Dr. (Mrs) M. Barnabas
 39. Dr. Abhishek Srivastava
 40. Dr. Praveen Singh, CMP
 41. Dr. Deepa Srivastava, CMP
 42. Dr. Arjita Srivastava, CMP
 43. Dr. Vishal Srivastava, CMP

9- Change of syllabi:

Resolved to recommend the adoption of M.Sc chemistry syllabi as proposed by the University of Allahabad under the directives of University Grants Commission for the pandemic year 2020-21.

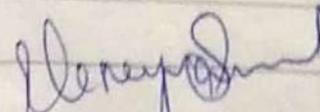
Resolved to recommend that the undergraduate chemistry syllabi will remain unchanged.

10 - Any other matter

(i) As per the directives of the University Grants Commission and University of Allahabad online examinations were held.

(ii) University gave the permission to start research programme in the department of Chemistry Ewing Christian College from the session 2019-20. Department of Chemistry has welcomed the research students who have enrolled themselves after qualifying CRET examination. The following teachers with their students started this new programme.

Teacher Name	Students Name	Date of Enrollment
Dr. Justin Masih	(i) Akriti Singh	5-3-20
	(ii) Gautam Kumar	5-3-20
Dr. Vivek Bhadania	(i) Ar200 Siddique	5-3-20
	(ii) Anulya Guha	
Dr. Krant Kumar Tungala	(i) Shubhangi Pandey	5-3-20
	(ii) Anmol Kumar	20-3-20
Dr. M. Karunakar	(i) Sanjiv Kumar Gupta	20-3-20

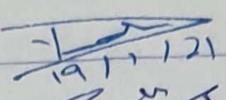
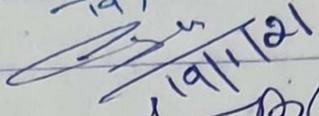
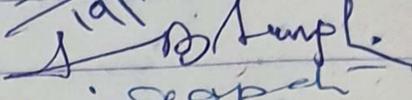
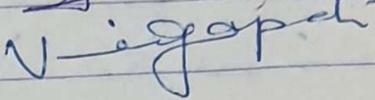

(Dr. Ebenezer Samuel)

V. Mushran
(DR. V MUSHRAN)

2020 - 21

A meeting of Board of Studies in Education at E.C.C. Pooayagray was held in the department of Education of the college on 19.01.21.

The members who attended the meeting were -

1. Prof. D. Yadav - 
2. Dr. Sangeeta - 
3. Dr. S. B. Singh - 
4. Dr. Vidyapati - 

The Chairman of the Board of Studies in Education, Dr. Vidyapati presided over the meeting.

The following decisions were unanimously taken regarding the appointment of examiners in Education for the B.A. Ist, IInd & IIIrd year examination 2021 to be conducted as paper setter / examiner in the name given below were approved.

B.A. Semester I

Paper 1 - Title - Principles of Education

1. Dr. P. Singh.

2. Dr. N. Sinha.

Paper 2 - History and Development of Indian Education

1. Dr. J. P. Sahai

2. Dr. Vidyapati

Reserve -

Dr. P. K. Pandey



Estd. - 1902

DEPARTMENT OF GEOGRAPHY
EWING CHRISTIAN COLLEGE
(An Autonomous Constituent College of Allahabad University)
Allahabad - 211 003 (U.P.)

Date | 7-10-2016

- (1) OPENING PRAYER: DR L. HERMIT.
- (2) The previous minutes of 10-10-2015 were read and confirmed.
- (3) The specific Skill Enhancement Course for Sem VI was presented and approved (Details Attached)
- (4) Resolved to adopt the P.G. courses of Allahabad University as per directives of the academic council held on 07-5-2016. (Detail attached)
- (5) The Board Resolved to appoint the panel of examiners and moderators for theory and practical examinations for U.G. SEMESTER for the academic session 2016-2017.
- (6) The Board also resolved to appoint the panel of examiners and moderators for theory and practical examinations for P.G. Semesters for the academic session 2016-2017.

Vineeta John.

PAPER - 3

साहित्य का समाजशास्त्र

Course Code: 6HINTH3

Name	Address	Mobile No.
डॉ० हरीशचन्द्र जायसवाल	सेवानिवृत्त एसोसिएट प्रोफेसर, हिन्दी विभाग, ई. सी. सी., प्रयागराज	9335101445
डॉ० सुनील विक्रम सिंह	एसोसिएट प्रोफेसर, हिन्दी विभाग, इलाहाबाद विश्वविद्यालय, प्रयागराज	9839243762

Reserve Examiner (Paper setter / Evaluator / Co - evaluator)

External (1) डॉ० संजय सिंह, 9450013887 (2) डॉ० बी० के० मित्तल, 8130128108

Internal (1) सुदीप तिरकी, 9958833430 (2)

Moderators (1) सुदीप तिरकी, 9958833430 (2) सुश्री रमोला रुथ लाल, 8840920866

SKILL ENHANCEMENT COURSE - SUBJECT SPECIFIC

Course Code: 6SEC004

हिन्दी भाषा शिक्षण

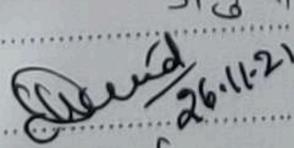
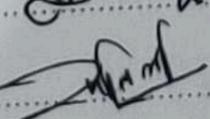
Name	Address	Mobile No.
डॉ० हसीना बानो	एसोसिएट प्रोफेसर एवं विभागाध्यक्ष, हिन्दी विभाग, हमीदा गल्फ पी.जी. कॉलेज, प्रयागराज	9336135328
डॉ० विमला मिश्रा	प्राचार्या, डॉ० स्वप्ना अग्रवाल, महिला प्रशासकालय संज्ञा, बारा, प्रयागराज	9598263419

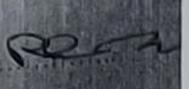
Reserve Examiner (Paper setter / Evaluator / Co - evaluator)

(1) सुश्री रमोला रुथ लाल, 8840920866

Moderators (1) सुदीप तिरकी, 9958833430 (2) सुश्री रमोला रुथ लाल, 8840920866

Signature of the Members of BOS

1. प्रो० कृपाशंकर पाण्डेय अनुपस्थित
3. डॉ० हसीना बानो अनुपस्थित
5. डॉ० ई० जे० डेविड  26.11.21
7. श्री सुदीप तिरकी 

2. प्रो० संतोष भट्टारिया ③
4. डॉ० लायक कादिमा नकी 
6. सुश्री रमोला रुथ लाल 
8. 

Ewing Christian College, Allahabad

(An Autonomous Constituent College of Allahabad University)

Minutes of Board of Studies of Microbiology held on 20th February 2017 at 11:45 am in the
Department of Botany, ECC, Allahabad

Opening Prayer: The meeting was started with the word of prayer by Dr. L. S. Nathan, Head, Department of Zoology, ECC, Allahabad followed by welcome of the committee members by Dr. A. S. Moses, Head, Deptt. Of Botany, ECC, Allahabad.

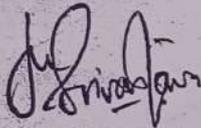
Appointment of recording secretary: Dr. P. C. Srivastava was appointed as recording secretary for the meeting.

Agenda: Appointment of Examiners

Resolutions taken in the meeting:

1. The names for the examiners for theory paper of B.Sc. II semester in Microbiology were proposed and approved by the committee members-

Vote of Thanks: Since there was no any agenda the meeting was adjourned with the Vote of Thanks proposed by Dr. A. K. Tiwari.



Recording Secretary
(Dr. P. C. Srivastava)

Department of Botany
Ewing Christian College
(An Autonomous College of Allahabad University)
Allahabad

Board of Studies in Botany

The minutes of the meeting of Board of Studies in Microbiology for B.Sc. on 20th February 2017 at 11:45 am in the Seminar Room of Botany Department, Ewing Christian College, Allahabad.

- Agenda:- Prayer
Roll call
Appointment of Recording Secretary
Welcome to members
Appointment of Examiners for the B. Sc. Sem.-II in Microbiology
Any other matter
Adjournment

Roll Call

The following members were present

Prof. Manju Sahney

M. Sahney
20/02/2017

Prof. P.W.Ramteke

Prof. R. Lawrence

Dr. (Mrs.) L. S. Nathan

L. S. Nathan
20/02/2017

Dr. M.Pati,

Dr. A.S.Moses

A.S. Moses
P.C. Srivastava

Dr. P.C.Srivastava

Dr.(Mrs.) S.Chaturvedi

Dr. A.K.Tiwari

A.K. Tiwari
S.K. Mishra
20 Feb 17

Dr. S.K.Mishra

Mr. Saurabh Singh

Dr. S.N. Verma

S.N. Verma
29/2/17

Ewing Christian College, Allahabad

(An Autonomous Constituent College of Allahabad University)

Minutes of Board of Studies of Microbiology held on 04th October 2017 at 01:00 pm in the Department of Botany, ECC, Allahabad

Opening Prayer: The meeting was started with the word of prayer by Dr. L. S. Nathan, Head, Department of Zoology, ECC, Allahabad followed by welcome of the committee members by Dr. A. S. Moses, Head, Deptt. Of Botany, ECC, Allahabad.

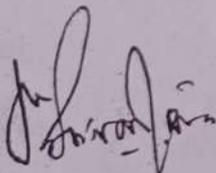
Appointment of recording secretary: Dr. P. C. Srivastava was appointed as recording secretary for the meeting.

Agenda: Appointment of Examiners

Resolutions taken in the meeting:

1. The names for the examiners for theory paper of B.Sc. I - ^{IV}~~V~~ semester in Microbiology were proposed and approved by the committee members-

Vote of Thanks: Since there was no any agenda the meeting was adjourned with the Vote of Thanks proposed by Dr. A. K. Tiwari.



Recording Secretary
(Dr. P. C. Srivastava)

Department of Botany
Ewing Christian College
(An Autonomous College of Allahabad University)
Allahabad

Board of Studies in Botany Microbiology

The minutes of the meeting of Board of Studies in Microbiology for B.Sc. on 4th October' 2017 at 1:00 pm in the Seminar Room of Botany Department, Ewing Christian College, Allahabad.

- Agenda:- Prayer
Roll call
Appointment of Recording Secretary
Welcome to members
Appointment of Examiners
Any other matter
Adjournment

Roll Call

The following members were present

Prof. Manju Sahney

M. Sahney
04/10/17

Dr. S. N. Verma

S. N. Verma

Prof. P.W.Ramteke

P. W. Ramteke
04/10/2017

Prof. R. Lawrence

Dr. (Mrs.) L. S. Nathan

L. S. Nathan

Dr. M.Pati,

Dr. A.S.Moses

A. S. Moses

Dr. P.C.Srivastava

P. C. Srivastava

Dr.(Mrs.) S.Chaturvedi

S. Chaturvedi

Dr. A.K.Tiwari

A. K. Tiwari

Dr. S.K.Mishra

S. K. Mishra

Mr. Saurabh Singh

Saurabh Singh

Ewing Christian College, Allahabad

(An Autonomous Constituent College of Allahabad University)
Centre For Microbiology

Minutes of the meeting of Committee of Courses in Microbiology held on 21st September 2018 at
12:30 pm in the Library of Department of Botany, ECC, Allahabad

Opening Prayer: The meeting started with the word of prayer by Dr. A.S. Moses, Coordinator, Centre For Microbiology, Deptt. Of Botany, ECC, Allahabad.

Roll Call: The following members were present in the meeting.

Prof. D. K. Chauhan, Prof. Girjesh Kumar, Dr. Sanjay Masih, Dr. A. S. Moses (Chairman CoC), Dr. P. C. Srivastava, Dr. S. Chaturvedi, Dr. A. K. Tiwari and Dr. S. K. Mishra.

Prof. Rubina Lawrence of Department of Microbiology SHUATS extended her excuses

Recording Secretary: Dr. S. K. Mishra was appointed as recording secretary for the meeting.

Welcome: Dr. A. S. Moses, Chairman, CoC and Coordinator, Centre for Microbiology welcomed the members of Committee of Courses.

Approval of minutes of meeting of CoC held on 04.10.2017

Appointment of Examiners and moderators:

Members resolved to recommend the panel of examiners (Paper setters/evaluators) reserve examiners moderators and consolidated panel of practical examiners of semester I to VI on the format provided for that as per the college guidelines.

Any other matter:

- i) Resolved to approve the existing syllabus of microbiology of semester I to VI for the academic session 2019-2020.
- ii) Resolved to recommend the approval of syllabus of Subject Specific Skill Enhancement course entitled "Biofertilizer and Mushroom Cultivators" in semester VI from the academic session 2018-2019.

Adjournment : The meeting was adjourned at 1:00 PM

S.K. Mishra
21.9.2018
Dr. S.K. Mishra

Recording Secretary

Department of Botany
Ewing Christian College
(An Autonomous College of Allahabad University)
Allahabad

Committee of Courses in Microbiology

The minutes of the meeting of Committee of Courses in Microbiology for B.Sc. on 21st September' 2018 at 12:30 pm in the Seminar Room of Botany Department, Ewing Christian College, Allahabad.

Agenda:- Prayer
Roll Call
Appointment of Recording Secretary
Welcome to members
Appointment of Examiners for the B. Sc. Microbiology
Any other matter
Adjournment

Roll Call

The following members were present

Prof. D. K. Chauhan

D. K. Chauhan

Prof. G. Kumar

G. Kumar

Prof. Rubina Lawrence

Dr. Sanjay Masih

Sanjay Masih

Dr. A. S. Moses

A. S. Moses

Dr. P.C.Srivastava

P.C. Srivastava

Dr.(Mrs.) S.Chaturvedi

S. Chaturvedi

Dr. A.K.Tiwari

A.K. Tiwari

Dr. S.K.Mishra

S.K. Mishra

Skill Enhancement Course: (Optional)

Theme: Biofertilizer and Mushroom Cultivation:

Unit A (10 lectures)

General Account of Microbes used as biofertilizer
Mechanism and Factors of Microbial Nitrogen Fixation
Isolation and cultivation of nitrogen fixing microbes (Rhizobium, Azospirillum, Azotobacter, Anabaena, Mycorrhiza).
Concept of Organic Farming, Biocomposting and vermicomposting

Unit B (10 lectures)

Introduction, history, nutritional and medicinal value of edible Mushroom, types of edible mushroom available in India (Volvariella, Pleurotus, Agaricus etc)
Mushroom Cultivation technology (Preparation of Spawn, Multiplication, Mushroom bed preparation etc.)
Marketing of Biofertilizer and Mushroom.

Approved

Dr

[Signature]

[Signature]

[Signature]
S. S. S.

[Signature]
M. S. S.

Ewing Christian College, Allahabad

(An Autonomous Constituent College of Allahabad University)

Centre For Microbiology

Minutes of the meeting of Committee of Courses in Microbiology held on 10th October 2019 at 02:00 pm in the Library of Department of Botany, ECC, Allahabad

Roll Call: The following members were present in the meeting.

Prof. D. K. Chauhan, Prof. G. Kumar, Dr. A. S. Moses, Dr. S. Chaturvedi (Chairperson - CoC), Dr. P. C. Srivastava, Dr. Sanjay Masih, Dr. (Mrs.) Rubina Lawrence and Dr. S. K. Mishra.

Dr. A. K. Tewari extended his excuse as he was on leave.

Recording Secretary: Dr. S. K. Mishra was appointed as recording secretary for the above meeting.

Welcome: Dr. S. Chaturvedi, Coordinator/Chairman, CoC, Centre for Microbiology welcomed the members of Committee of Courses.

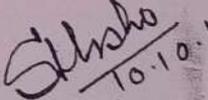
Approval of minutes of meeting of CoC held on 21-09-2018

Appointment of Examiners and moderators:

Members recommended the panel of Paper setters/evaluators, reserve examiners and consolidated panel of practical examiners of semester I to VI in Microbiology on the format provided by the college as per the college guidelines.

Any other matter: None

Adjournment : Since there was no other agenda the meeting was adjourned at 03:00 PM


10.10.19

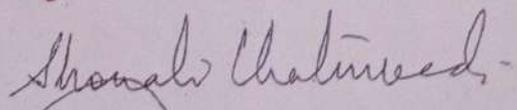
Dr. S.K. Mishra

Recording Secretary

ROLL CALL

.....ing members were present in the meeting of Board of Studies of
subject Microbiology held on 10.10.2019 at 2.00 p.m. /
m. in the Department of Bolāyto appoint the panel of Theory examiners
(paper setters / Evaluators / Co-evaluators / Moderators) & consolidated panel of Practical Examiners in
G Course of Ewing Christian College, Allahabad for the Academic Session 2019 – 2020

N.	NAME	AFFILIATION	SIGNATURE
1.	Prof. D.K. Chauhan		D.K. Chauhan
2.	Prof. G. Kumar		G. Kumar
3.	Prof. Kubra Lawrence		Kubra Lawrence
4.	Dr. Sanjay Malik		Sanjay Malik 10/10/19
5.	Dr. A.S. Mole		A.S. Mole
6.	Dr. P.C. Srivastava		P.C. Srivastava
7.	Dr (Mrs) J. Chaturvedi		J. Chaturvedi
8.	Dr A.K. Tiwari		A.K. Tiwari
9.	Dr. S.K. Mishra		S.K. Mishra
10.			
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20.			


Signature of Chairperson
Board of Studies

CENTRE FOR MICROBIOLOGY
Ewing Christian College, Prayagraj
(An autonomous constituent College of University of Allahabad)

No. BoS Min/Micr/1/2021-22

Date:- 25.11.2021

Minutes of the Meeting

The meeting of the Board of Studies/CoC in **Microbiology**, Ewing Christian College, Prayagraj held on **Thursday 25th November 2021 at 12:30 PM** in the Seminar room of the Botany Department, E.C.C

7. **Prayer:** Mr. X. Kuncheria lead the meeting in Prayer

8. **Roll call:** Following members were present in the meeting

Prof G. Kumar, Dr. Rubina Lawrence, Dr. L. S. Nathan, Dr. A. S. Moses, Dr. (Mrs) S. Chaturvedi, Dr. P.C. Srivastava, Dr. A.K.Tewari, Dr. S. K. Mishra, Mr. X. Kuncheria

Prof. Satyanarain extended excuse

9. **Appointment of Recording Secretary:** *Dr. S.K. Mishra* was appointed as recording secretary for the proceedings of the meeting

10. **Welcome to the members:** *Dr. S. Chaturvedi*, Chairperson of BoS and Coordinator Centre for Microbiology, ECC, welcome the members in the meeting of BoS

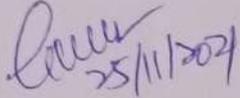
11. **Approval of the minutes of previous meeting:** members approved the minutes of the meeting of BoS /CoC held on 15th January, 2021

7. **Appointment of Examiners:** Members of *BoS* resolved to recommend the names of Examiners (Paper setters/Evaluators/ Co-evaluators) and consolidated panel of practical examiners of B. Sc. Microbiology for the academic session 2021-22 in the light of guidelines and regulations of the College in the prescribed format provided.

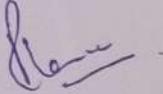
8. **Any other matter:** a minor change in the of syllabus of semester III paper I and II was suggested by *Dr. S. K Mishra* by appropriately reshuffling the inter unit content was unanimously accepted by members of BoS.

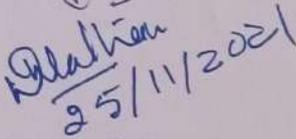
9 Adjournment of the meeting: The meeting was adjourned with formal vote of Thanks proposed by Dr. A. K. Tewari

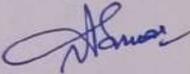
10. Signature of the members of BoS

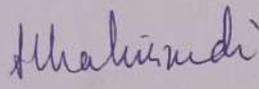
1. Prof G. Kumar  25/11/2021

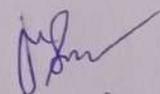
2. Prof. Satyanaraian.

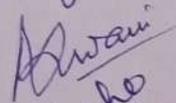
3. Prof . R . Lawrence 

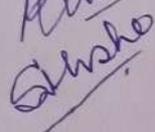
4. Dr. L S. Nathan  25/11/2021

5. Dr. A.S.Moses 

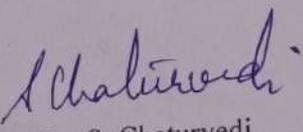
6. Dr. Mrs. S. Chaturvedi 

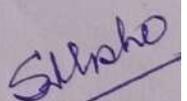
7. Dr. P.C. Srivastava. 

8. Dr. A.K.Tiwari 

9. Dr. S. K. Mishra 

10. Mr. X. Kuncheria 


Dr. S. Chaturvedi
(Chairperson BoS/ Head Botany)


S. K. Mishra
(Recording secretary)

Centre For Microbiology
Ewing Christian College, Prayagraj

III SEMESTER

Paper – I (Microbial Metabolism)

UNIT I: Biomolecules and Bioenergetics

1. Bioenergetics: Biological system and general Laws of thermodynamics, concept of entropy, High energy bonds, biological oxidation and redox potentials
2. Structure and function of Biomolecules: Carbohydrates, Lipids, Proteins and Nucleic acids.

UNIT II: Metabolic pathways

1. Metabolism – Anabolism and Catabolism, structure and properties of ATP, Phosphorylation
2. Eukaryotic and Prokaryotic cellular components involved in microbial metabolism.
3. Metabolic pathways: Basic concept and design, Glycolysis, TCA cycle, Pentose phosphate pathway, Electron Transport Chain. Oxidative Phosphorylation

UNIT III: Enzymes and Enzyme Kinetics

1. Introduction to enzymes and coenzymes, units of enzyme activity, enzyme nomenclature and classification. Enzyme kinetics, Effect of substrate concentration on Michaelis Menten Equation, Determination of K_m and its significance, effect of pH and temperature on rates of enzymes catalyzed reaction.
2. Enzyme inhibitors and their importance, chemical methods of active site studies, Introduction of multi substrate enzymes, allosteric enzyme and enzyme regulation, iso-enzymes, enzyme immobilization.

UNIT IV: Bacterial photosynthesis:

1. Classification of photosynthetic bacteria: anoxygenic photosynthetic bacteria, purple bacteria (purple sulphur bacteria, purple non sulphur bacteria, green bacteria, green sulphur bacteria), metabolism in photosynthetic bacteria. Photophosphorylation

Paper – II (Microbial Genetics)

UNIT I:

1. History and scope of Microbial Genetics, Law of Inheritance
2. Genome Organization - DNA – A, B, Z and Triplex DNA, RNA, organization of bacteriophage genome – PhiX174, lambda, T4.

UNIT II

1. Genome Replication, Prokaryotic and Eukaryotic Transcription, Transcript Processing,
2. Translation, Regulation of gene expression in prokaryotes and eukaryotes.

UNIT III

1. Mutations: DNA damage and Repair, Types of Mutation, Oncogenes and Tumor suppressor genes, Gene Disruption and Gene Targeting.
2. Transposable elements – classes of transposable elements, nomenclature of transposable elements, insertion sequences (IS elements), plasmids, vectors, cosmids

UNIT IV

1. Mechanism of recombination, Types of Recombination - General Recombination, Mismatch Repair, Gene Conversion, Site Specific Recombination.
2. Transduction: Generalized transduction, Abortive transduction, Specialized transduction, use of transduction in gene mapping.
3. Transformation: Competence, Mechanism of transformation, Transfection
4. Conjugation, The F- factor, High frequency recombination (Hfr) strains.

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CENTRE FOR MICROBIOLOGY
Ewing Christian College, Prayagraj
(An autonomous constituent College of University of Allahabad)

No. BoS Min/Micr/1/2020

Date:- 15.01.2021

Minutes of the Meeting

The meeting of the Board of Studies in **Microbiology**, Ewing Christian College, Prayagraj held on **Friday 15th January 2021 at 1:00 PM** in the Seminar room of the Botany Department, E.C.C

7. **Prayer:** Dr. A. S. Moses/Mr. X. Kuncheria lead the meeting in Prayer

8. **Roll call:** Following members were present in the meeting

Prof G. Kumar, Prof. D.K. Chauhan, Dr. Rubina Lawrence, Dr. A. S. Mosses, Dr. (Mrs) S. Chaturvedi, Dr. P.C. Srivastava, Dr. A. K. Tewari, Dr. S. K. Mishra, Mr. X. Kuncheria (Co-opted member)

Dr. R. Lawrence (apology)

9. **Appointment of Recording Secretary:** *Dr. S.K. Mishra* was appointed as recording secretary for the proceedings of the meeting

10. **Welcome to the members:** Dr. S. Chaturvedi, Chairperson of BoS and Coordinator Centre for Microbiology, ECC, welcome the members in the meeting of BoS

11. **Approval of the minutes of previous meeting:** members approved the minutes of the meeting of BoS /CoC held on 10th October, 2019

7. **Appointment of Examiners:** Members of *BoS* resolved to recommend the names of Examiners (Paper setters/Evaluators/ Co-evaluators) and consolidated panel of practical examiners of B. Sc. Microbiology for the academic session 2020-21 in the light of guidelines and regulations of the College in the prescribed format provided .

8. Any other matter

(2) Acceptance of new examination rules from academic session 2020-21

(3) As per new examination rule there will be no internal assessment test for B. Sc. program from academic session 2020-21, Each theory paper will be of 75 marks as against 60 marks and grade will be awarded for SEC/ SSEC papers from academic session 2020-21

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15-1-21

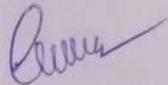
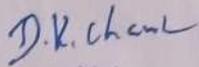
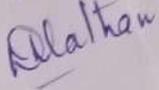
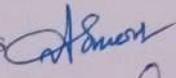
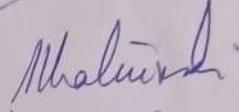
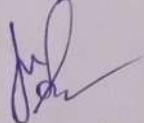
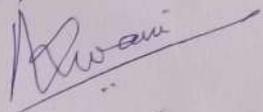
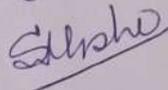
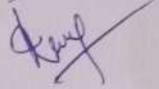
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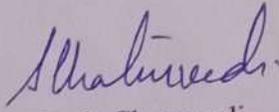
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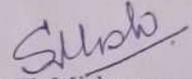
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9 Adjournment of the meeting: The meeting was adjourned with formal vote of Thanks proposed by Dr. A. K. Tewari

10. Signature of the members of BoS

- | | |
|---|---|
| 1. Prof G. Kumar  | 2. Prof. D.K. Chauhan.  |
| 3. Prof . R . Lawrence (Excuse) | 4. Dr. L S. . Nathan  |
| 5 Dr. A.S.Moses  | 6. Dr. Mrs. S. Chaturvedi  |
| 7. Dr. P.C. Srivastava.  | 8. Dr. A.K.Tiwari  |
| 9 . Dr. S. K. Mishra  | 10. Mr. X. Kuncheria  |


Dr. S. Chaturvedi
(Chairperson BoS/ ~~Head Botany~~
Coord. Microbiology)


S. K. Mishra
(Recording secretary)

CENTRE FOR MICROBIOLOGY
Ewing Christian College, Prayagraj
(An autonomous constituent College of University of Allahabad)

No. BoS Min/Micr/1/2022

Date:- 10.10.2022

Minutes of the proceedings of meeting of BoS in Microbiology

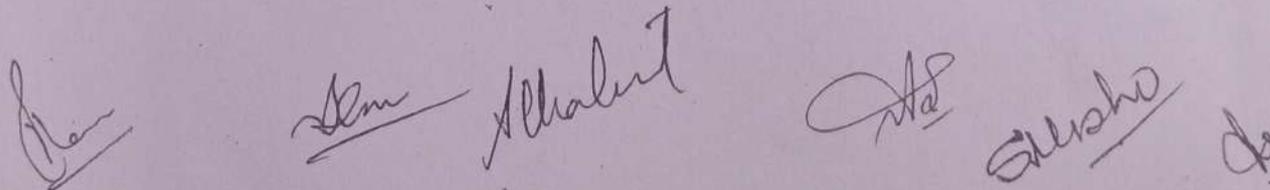
The meeting of the Board of Studies/CoC in Microbiology, Ewing Christian College, Prayagraj held on **Monday 10th November 2022 at 12:30 PM** in the Seminar room of the Botany Department\ Centre for Microbiology, E.C.C

1. **Prayer:** Mr. X. Kuncheria lead the meeting in Prayer
2. **Roll call:** Following members were present in the meeting

Prof G. Kumar, Prof Satyanarain, Dr. Rubina Lawrence, Dr.Sanjay Masih, Dr. A. S. Moses, Dr. (Mrs) S. Chaturvedi, Dr. A.K.Tewari, Dr. S. K. Mishra, Mr. X. Kuncheria

3. **Appointment of Recording Secretary:** *Dr. S.K. Mishra* was appointed as recording secretary for the proceedings of the meeting of BoS in Microbiology
4. **Welcome to the members:** *Dr. S. Chaturvedi*, Chairperson of BoS and Coordinator, Centre for Microbiology , ECC, welcome the members in the meeting of BoS
5. **Approval of the minutes of previous meeting:** members approved the minutes of the meeting of BoS /CoC held on 25th November, 2021
6. **Appointment of Examiners:** Members of *BoS* resolved to recommend the names of Examiners (Paper setters/Evaluators/ Co-evaluators) and consolidated panel of practical examiners of semester I –VI of B. Sc. Microbiology for the academic session 2022-23 in the light of guidelines and regulations of the College in the prescribed format provided.
7. **Approval of 20% Curtailment of Syllabus:** *Dr. S. K. Mishra*, proposed the 20% curtailment of syllabus from each paper of B. Sc. Semester Ist -VIth in Microbiology for academic session 2022-23 as per the guideline issued by the Principal through letter dated 26.09.2022. After discussion members of BoS resolved to accept and approve the 20% curtailment in syllabus of academic session 2022-23.(Curtailed portion syllabus is highlighted in the main syllabus).

Members of BoS also approved the 20% curtailed syllabus for each paper of B. Sc. semester II for academic session 2021-22. The above syllabus was curtailed by the department on the recommendation of



the decision of emergent joint meeting of Examination committee and board of members of Head/ Coordinators of all the departments of the college.

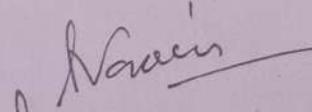
8. Approval of new pattern of question paper for B. Sc. semesters I-VI for academic session 2022-23 based on 20% curtailed syllabus: Members resolved to accept the format of question paper consisting of 2 short and 2 long questions of 15 and 22.5 marks respectively with time duration of 2 hours for each theory papers as per the guideline suggested by the college for academic session 2022-23

9. Proposal for New Curriculum for Four year (8 semester) B. Sc. (Honors) Program from academic session 2023-24 in the light of New Education policy 2020:

It was resolved that new curriculum of BSc. Microbiology will be designed as per the basic structure of curriculum of BSc (Honors) 4 year programmes adopted by University of Allahabad from academic session 2023-2024. The newly designed curriculum will be placed for discussion and approval in the subsequent meeting of BoS in Microbiology before the implementation of the programme from the academic session 2023-2024.

9 Adjournment of the meeting: The meeting was adjourned with formal vote of Thanks proposed by Mr. Xavier Kuncheria.

10. Signature of the members of BoS

1. Prof G. Kumar 
2. Prof. Satyanaraian. 
3. Prof .R .Lawrence 
4. Dr. Sanjay Masih 
5. Dr. A.S.Moses 

6. Dr. Mrs. S. Chaturvedi

S. Chaturvedi

7. Dr. A.K. Tiwari

A.K. Tiwari

8. Dr. S. K. Mishra

S.K. Mishra

9. Mr. X. Kuncheria

X. Kuncheria

S. Chaturvedi

Dr. S. Chaturvedi
(Chairperson BoS/ Head Botany)

S.K. Mishra

S. K. Mishra
(Recording secretary)

The Minutes of the meeting of Board of studies, Department of Physical Education, E.C.C., held at Department of Physical Education, E.C.C., Allahabad
Dated: 16/10/2017 at 4:00 PM.

Prayer : Meeting was started with a word of prayer by Dr. A.S.Moses
Roll call : The following members were present:

1. Dr. Thomas Abraham (Chairman) 
2. Dr. S.B. Singh (Head, Philosophy Department) 
3. Dr. A.S.Moses (Head, Department of Botany) 
4. Dr. Rajesh Garg (Head, Department of Hindi) 
5. Dr. Arvind Mishra (Head, Department of Physical Education, A.D.C., All.) 
6. Prof. Archana Chahal (Head, Dept. of Physical Education, A.U.) 
7. Prof. Dinesh Chandra Lal (Professor, Department of Physical Education, A.U.) 

- **Appointment of recording Secretary:** Dr. A.S.Moses was appointed as recording secretary for the meeting.
- **Welcomes to members:** Dr. Thomas Abraham, Chairman of "Committee of Course" /BOS welcomed the committee members and requested the members for any change in the agenda.
- **Approval of the minutes of the previous meeting held:** The previous meeting minutes (held on 18.10.2016) was unanimously approved by the Committee Members.
- **Matter arising there of :** The following members were recommended by the committee for setting of papers, moderators, evaluators, co-evaluator and practical examiner for B.A. physical Education Semester I, II, III and IV for academic session 2017-18.

Semester I: Paper – I Principles of Physical Education

1. Dr. Arvind Mishra
2. Dr. Archana Chahal
3. Dr. Sunita B. John (Reserve)
4. Dr. Thomas Abraham (Moderator)

Semester I: Paper – II History of Physical Education

1. Dr. Thomas Abraham
2. Dr. D.C. Lal
3. Dr. Deepti Shukla (Reserve)
4. Dr. Thomas Abraham (Moderator)



Skill Enhancement Course(Physical Education) Semester VI

Yoga and Fitness, Sports and Games General Knowledge

- Definition of Physical Fitness, aerobic fitness, anaerobic fitness
- Basic concept of yoga, ashtang yoga
- Yoga and its curative aspects.
- Major muscles of the body and their exercises.
- Sports and Games G.K.

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Department of Political Science

Minutes of the meeting of the Committee of courses, Department of Political Science, Ewing Christian College, Allahabad, held on 21st October 2016 in the office of the department at 1:00 P.M.

Roll Call

1. Head, Department of Political Science
E.C.C. Allah
Dr. E. J. David Present
2. Vice chancellor's nominee
Prof. H. K. Sharma. Present
3. Expert ~~nominee~~ nominated by BOS. Dept of Pol. Sc. A.U.
Dr. V. K. Rai Present
4. Expert:
Dr. (Mrs) Neelima Singh Present
R. T. M. Mahavidyalya
5. Head of other Department
Dr. Shiv Prasad Singh Present
Dept. of Philosophy, E.C.C. Allah.
6. Dr. (Mrs) Ashima Gosh (on leave)

The Committee of Courses in its meeting followed

~~110~~ Resolved to accept the syllabus ~~for~~ for Skill enhancement
i.e. Human Rights and Panchayati Raj in India,

Resolved to adopt the pattern of Question paper
for P. G. courses as given below: *

There shall be a question paper of M.M. 100
having three sections A, B. & C. Section A will
have one question divided between (i) & (ii) of
 $5+5=10$ marks, which is compulsory and will
have no internal choice. Section B will comprise
of three questions of 10 marks each with
internal choice. Section C will comprise
three questions of 20 marks each with
internal ~~set~~ choice. The ~~time~~ duration of
each paper will be 3 hours. The question
paper will be bilingual, or as the copy of model
question paper attached herewith with internal assessment of 30 marks *
SEE BELOW!

M.A Semester I

Meeting of the Committee of Courses of the Urdu Subject held on 14/10-2016 at 2 P.M. in the department of Urdu Ewing Christian College Alld.

Agenda: - (I) Implementation of Skill Enhancement Course (S.E.C) for Semester VIth in U.G. classes from the academic session 2016-17

(II) Recommendation of Panel of examiners of B.A. Semester Ist, Semester IIIrd, Semester Vth and Semester IInd, Semester IVth, Semester VIth for the examination 2016-17

Members Present: -

- (I) Prof A. A. Fatmi A. A. Fatmi
- (II) Prof Naushaba Sardar N. Sardar
- (III) Prof Shabnam Hameed S. Hameed
- (IV) Miss R. R. Lall R. R. Lall
- (V) Dr. L. F. Naqvi L. F. Naqvi
14/10/16

Business: -

(1) Dr. L. F. Naqvi presented the Syllabus of Skill Enhancement Course (S.E.C) for Semester VIth and members of the Committee of Courses accepted the same.

It was resolved that - implementation

of Skill Enhancement - Course of Semester
VIIth in U.G. Classes from the academic
session 2016-17

The Skill Enhancement Course (S.E.C)
Syllabi for semester VIIth will be as under:-

S.E.C for semester VIIth

Topic - Urdu Journalism
(Urdu Sahafat)

Discipline Specific (D.S.E) Paper,

Unit -1 (I) Sahafat ki mukhtasar tareekh,

(II) Urdu main sahafat ki rewait

(III) Samaji taragqi main sahafat ka
kirdar

(IV) Tahreek-e-Azadi main Urdu
Sahafat ka kirdar

Unit -2 (I) Print media (Urdu sahafat-ke
hawale se)

(II) Electronic media (Radio aur Television)

(III) Internet aur cyber culture

Unit 3 - Urdu ke kuch namwar sahafi

(I) Raja Ram Mohan Rai

(II) Molvi Mohammed Baqir

(III) Sir Syed Ahmed Khan

(IV) Maulana Hasrat Muhani

(V) Maulana Mohd Ali Jauhar

(VI) Neyaz Fatehpuri

(VII) Maulana Abul Kalam Azad.

(VIII) Shaukat Thauri

(IX) Hayat Ullah Ansari

(X) Khwaja Ahmed Abbas

Unit-4 Aazadi ke baad mukhtalif Riyasatōn se shaya hone wale Urdu Akhbarat. (sirf U.P., Bihar aur Delhi, Shamil-e-Nisab hain)

Imdad ki kutub

- (I) Urdu Sahafat (Aazadi ke baad)
— Dr. Afzal Misbahi
- (II) Delhi mein Urdu Sahafat
— Anwar Dehaevi
- (III) Iblagiyat — Mohd Shahid Husain
- (IV) Hindustani Akhbar havesi
— Mohd Ateeq Siddiqi
- (V) Tareekh-e-Sahafat
— Imdaad Sabri

SKILL ENHANCEMENT COURSE – SUBJECT SPECIFIC

POULTRY

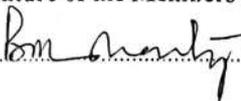
Name	Address	Mobile No.
Dr. Lily Saroj Nathan	Ewing Chritian College, Prayagraj	9335602540
Dr. Sanjay Masih	Ewing Chritian College, Prayagraj	9335156406

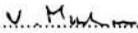
Reserve Examiner (Paper setter / Evaluator / Co – evaluator)

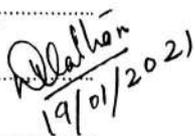
(1) Dr. Nishi Sewak

Moderators (1)Dr. Lily Saroj Nathan (2)Dr. Sanjay Masih

Signature of the Members of BOS

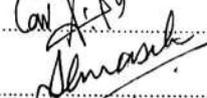
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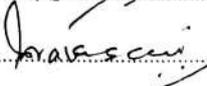
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5. Dr. L. S. Nathan 
19/01/2021

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