

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous),

Near Central Bus Stand, Chandra Nagar, Latur - 413512 (Maharashtra)
Affiliated To Swami Ramanand Teerth Marathwada University, Nanded
Arts, Commerce, Science, Comp.Sci. & I.T., Biotechnology and B.Voc.
NAAC Accredited B⁺⁺ Grade (3rd Cycle) with CGPA 2.99

Dr. S. N. Shinde
President

Anirudh Jadhav
Secretary

Dr. Mahadev Gavhane
Principal

SML/Botany/BoS/2022-23/

Date : 04/10/2022

Notice

All the Honorable members of BoS in Botany are hereby informed that, the **"Meeting of Studies in Botany"** is arranged on 7th Oct 2022 at 11:00 am in the Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur. It is requested to attend the meeting either Online Mode.

Time : 11:00 am.

Department of Botany

Agenda : 1) To confirm the minutes and action taken report of earlier BoS meeting.

2) To review / design Syllabus of UG / PG First Year Courses.

3) Restructuring of Syllabus according to CDDC guidelines.

4) Any other subject with the permission of Chair.

(Dr. Mahadev Gavhane)

Principal
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Members of BoS in Botany under the faculty of Science :

S.N. Shinde - Chairman Department of Botany Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	10. Prof. Dr. A.B. Ade-Member Department of Botany, Savitribai Phule Pune University, Pune.
K.D. Savant -Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	11. Dr. B.S. Survase-Member School of Life Sciences. Swami Ramanand Teerth Marathwada University, Nanded
D.R. Awad-Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	12. Shri. Laxman Done-Member Done's Mushrooms, Kumbhari, Dist. Latur
S. P.V. Kumbhar-Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	13. Prof. Dr. A.S. Dhabe-Member Head, Dept. of Botany Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
R. K. Mekle - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	14. Prof. Dr. N. B. Gaikwad-Member Shivaji University, Kolhapur.
S. R.L. Shaikh - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	15. Dr. S.H. Nile-Member Zhejiang Chinese Medical University, Hanzhou Shejans - 310053
S. D.S. Chavan - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	16. Dr. D.G. Palke-Member Head Department of Chemistry Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
S. P.S. Makse - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	17. Dr. D.V. Vedpathak-Member Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
V.S. Makse - Member Department of Botany, Smarak Mahavidyalaya, Vasmat nagar, Dist.Hingoli.	



MINUTES BOOK

Faculty of Science

Board of Studies : Botany

A meeting of Board of Studies in Botany is held on 07th Oct 2022 at 11:00 am in the Department of Botany Rajarshi Shahu Mahavidyalaya (Autonomous) Latur. The following agenda was discussed in presence of Honourable members of Board of Studies in Botany.

Agenda of the meeting:

1. To confirm the minutes and action taken report of earlier BoS meeting.
2. To review/ design Syllabus of UG/PG First Year Courses.
3. Restructuring of Syllabus according to CDC guidelines
4. Any other subject with the permission of chair.

MINUTES BOOK

Faculty of Science

Board of Studies : Botany

Minutes:

BOS meeting started with the introduction of Agenda points by Prof. S.N. Shinde, chairman, BOS in Botany.

During the meeting Dr. K.D. Savant reads previous minutes and action taken reports of BOS meeting.

S.N. Shinde suggested that use lectures instead of periods in the syllabus structure.

Dr. B.S. Survase suggested that reduce number of practical from 20 to 15.

Dr. B.S. Survase suggested that Fruit and Vegetable Processing instead of Fruit and Fruit Processing.

Dr. B.S. Survase suggested that Course code and Course number becomes same in future.

Dr. B.S. Survase suggested that to give the split up internal mark system of theory and practical below the Course structure.

Dr. B.S. Survase and S.N. Shinde discussed the guidelines of NEP-2022.

S.N. Shinde discussed the guidelines of CDC.



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10. S.N. Shinde suggested that use 12 lectures instead of 10 lectures in CC1 of Unit-I.
11. S.N. shinde suggested use 10 lectures instead of 12 lectures in CC1 of Unit-II.
12. Dr. K.D. Savant suggested that to add the Lysosomes cell organelle in CC-2 of unit-I.
13. S.N. Shinde suggested that add sub topics in the syllabus of UG and PG.
14. S.N. Shinde suggested that specify the plasma membrane structure in UG and PG of Cell Biology.
15. Dr. K.D. Savant and D.R. Awad together suggested gives stages of chromosome organization in Cell Biology of UG.
16. S.N. Shinde suggested genetic code degeneration with respect to wobble hypothesis in CC2 of Unit-IV.
17. S.N. shinde suggested to add properties of genetic code in CC2 of Unit-IV.
18. S.N. shinde suggested that add enzymes and steps of DNA replication in Cell Biology of UG.

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S.N. Shinde suggested that Mendel Biography split from Mendel experiments.

S.N. Shinde suggested that types of sex linked inheritance split into x-linked inheritance and y-linked inheritance with example.

Dr. K.D. Savant suggested to add details of translation and accessory required for it in Cell Biology of UG.

S.N. Shinde suggested that specify the Plasma membrane structure in UG and PG of Cell Biology

S.N. Shinde suggested that add few practicals in Cell Biology and Biochemistry of PG-I.

S.N. Shinde suggested that separates that practicals with number those are grouped in Syllabus of UG and PG.



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Resolution :

1. It is decided to use lectures instead of periods in the syllabus.
2. Number of practicals are reduced from 20 to 15.
3. Fruit and vegetable processing is used instead of fruit and fruit processing.
4. Course code and Course number become same is in under process.
5. Internal mark system of theory and practical and mentioned below the course structure.
6. 12 lectures are used in CC-I of unit-I instead of 10 Lectures.
7. 10 lectures are used in CC-I of unit-II instead of 12 lecture.
8. Add Sub topics are added in the syllabus of UG and PG.
9. Lysosome is added in CC-2 of unit-I.
10. The structure of plasma membrane specify in the UG and PG of cell Biology.

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Stages of chromosome organization is given in the cell Biology of UG.

Genetic code degeneracy with respect to wobble hypothesis added in CC-2 of unit-IV

Properties of Genetic code added in CC-2 of Unit-IV.

Enzymes and steps of DNA replication is added in the cell Biology of UG.

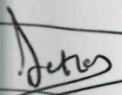
Mendel Biography splitted from Mendel Experiment.

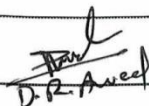
X-linked inheritance and Y-linked inheritance are splitted.


Details of translation and accessory requirement added in cell Biology of UG.


Few practicals are added in cell Biology and Biochemistry of PG-I.

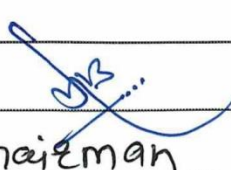
Practicals are separated from group in UG and PG.

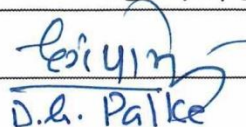

Dr. K. D. Sawarkar
member, BOS



D. R. Aneel



D. S. Chavhan
member, BOS


Dr. D. V. Vedpathak


Chairman


Dr. D. R. Patil


Ms. P. V. Kumbhar
member, BOS


P. S. Maskepati
member, BOS



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Dr. Gopalrao Patil
President

Anirudh Jadhav
Secretary

Dr. Mahadev Gavhane
Principal

Ref.: RSML/Botany/BoS/2022-23/ 3381 To 3397

Date : 14/03/2023

Notice

All the Honorable members of BoS in Botany are hereby informed that, the "Meeting of Board of Studies in Botany" is arranged on 16th March 2023 at 11:00 am in the Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur. It is requested to attend the meeting either Offline / Online Mode.

Time : 11:00 am.

Venue : Department of Botany

- Business :**
- 1) To confirm the minutes and action taken report of earlier BoS meeting.
 - 2) To review / design Syllabus of UG / PG First Year Courses.
 - 3) To discuss about implementation of NEP 2020.
 4. To give approval to feedback
 - 5) Any other subject with the permission of Chair.

(Dr. Mahadev Gavhane)

Principal

Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur

Members of BoS in Botany under the faculty of Science :

1. Shri. S.N. Shinde - Chairman Head, Department of Botany Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	10. Prof. Dr. A.B. Ade-Member Department of Botany, Savitribai Phule Pune University, Pune.
2. Dr. K.D. Savant -Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	11. Dr. B.S. Survase-Member School of Life Sciences, Swami Ramanand Teerth Marathwada University, Nanded
3. Shri. D.R. Awad-Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.	12. Shri. Laxman Done-Member Done's Mushrooms, Kumbhari, Dist. Latur
4. Miss. P.V. Kumbhar-Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	13. Prof. Dr. A.S. Dhabe-Member Head, Dept. of Botany Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
5. Mrs. R. K. Mekle - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	14. Prof. Dr. N. B. Gaikwad-Member Shivaji University, Kolhapur.
6. Miss. R.L. Shaikh - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	15. Dr. S.H. Nile-Member Zhejiang Chinese Medical University, Hanzhou Shejans - 310053
7. Miss. D.S. Chavan - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	16. Dr. D.G. Palke-Member Head Department of Chemistry Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
8. Miss. P.S. Makse - Member Department of Botany, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	17. Dr. D.V. Vedpathak-Member Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
9. Dr. V.S. Makse - Member Department of Botany, Bahirji Smarak Mahavidyalaya, Vasmat nagar, Dist. Hingoli.	

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Faculty of Science
Board of Studies : Botany

Report of BoS Meeting
Under NEP 2020

Date : 16.03.2023

The "Meeting of Board of studies in Botany" was held on offline mode as well as Online mode by using Google meet at Department of Botany on 16th March 2023 at 11:00 am.

Meeting was started with Welcome of all Members of BoS in Botany and Introductor speech delivered by Prof. S. N. Shinde, Chairman of BoS in Botany. He also focused all agenda points of BoS meeting specially UG curriculum Framework under NEP 2020. Mr. D. R. Awad briefed the minutes of previous BoS meeting. Mrs. P. S. Maskepatil anchored the meeting. Miss Diksha Chavan expressed vote of thanks.

The following Agenda points were discussed:

1. To confirm the minutes and action taken report of previous BoS meeting.
2. To discuss the implementation of NEP 2020.



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3. To review / design syllabus of UG I and PG II.
4. To give approval to feedback analysis on curriculum.
5. Any other subject with permission of Chair.

Minutes of the Meeting :

Agenda 1 : To confirm the minutes and action taken report of previous Bos meeting.

Discussion :

During the meeting Mr. D. R. Awad presented minutes and action taken report of previous Bos meeting held on 07/10/2022. A detailed discussion was held in Bos meeting Prof. Dr. B. S. Surwase and Dr. V. S. Maske appreciated the curriculum and said that it is useful to various competitive examination in life sciences.

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Resolution :

The minutes and action taken report of previous BOS meeting were confirmed and approved.

Agenda 2 : To review / design syllabus of UG I and PG II.

Discussion:

Discussion carried out to enrich the syllabi according to guidelines of NEP 2020.

Prof. S. N. Shinde suggested to follow the guidelines of LOCF during framing of curriculum.

Prof. S. N. Shinde suggested to introduce mode of nutrition and transmission of plant viruses in Unit-I of semester-I of UG-I.

Mr. D. R. Awad suggested to add Life cycle of Agaricus in Unit-II of semester-I of UG-I.

Prof. S. N. Shinde suggested to add Nostoc and Riccia in Unit-III of semester-I of UG-I.



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Dr. K.D. Savant suggested to add Lycopodium and Pinus in Unit-IV of semester-I of UG-I.

Dr. V.S. Maske suggested to enrich the syllabus of cell Biology paper-II of semester-II by adding Lysosomes, Mitochondria, vacuoles and Types of DNA.

Prof. S. N. Shinde suggested that Indian Ayurvedic System and Ethnobotany as an IKS.

Dr. A.S. Dhabe suggested that add some family in Unit III and IV of Semester-III of PG-II.

Dr. V.S. Maske suggested to add some diseases in Unit-II and III of Semester-III of PG II.

Resolution :

It is decided to enrich curriculum according to NEP 2020.

It is decided to follow the LOCF Guidelines to frame the curriculum.

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Introduced mode of nutrition in Bacteria and transmission of plant viruses in Unit-I of Semester-I of UG-I.

The type studies of Agaricus, Nostoc, Riccia, Lycopodium and pinus are introduced in course Biodiversity of cryptogams and Gymnosperms of semester-I.

The content of the course Cell Biology is enriched by introducing Lysosomes, Mitochondria, vacuoles and types of DNA of in semester-I of level 4.5.

The course Indian Ayurvedic system and Ethnobotany is introduced as IKS in semester II Poaceae, Myrtaceae, Asclepiadaceae, Moraceae, Palmae are introduced in Unit-III and IV of semester-III of PG-II.

Black spot of Fungus, Powdery mildew of Rose, Stewarts wilt of corn, Stunt disease of corn, Citrus scab, Ring spot of Tomato, Yellow wine disease of cucurbits are introduced in Unit II and III of semester III and IV of PG-II.



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Agenda 3 : To discuss the implementation
of NEP 2020 for B.Sc.I.

Discussion:

Prof. S. N. Shinde discussed the structure
of course of UG curriculum framework
under NEP 2020.

Dr. B. S. Surwase suggested that minor
must be interdisciplinary as per NEP 2020.

Dr. B. S. Surwase also suggested that
generic elective should be unrelated
subject.

Dr. D. V. Vedpathak suggested that major
elective and minor elective should be
different. Minor elective must be apart
from Major elective.

Dr. Shivraj Nile suggested to add
industry oriented courses. He suggested
that generic elective should be industry
oriented / skill based for the development
of Entrepreneurship.

Prof. S. N. Shinde suggested to increase
time duration of lecture from 45 min to 60 min

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Resolution:

It is decided to design Curriculum structure according to NEP 2020.

It is decided to frame the curriculum of UG-I according to NEP 2020.

The course plant Diversity is introduced as interdisciplinary minor in semester-I.

The course Plant Utilization is introduced as interdisciplinary minor in semester-II.

The course Mushroom cultivation Technology is introduced as generic elective in semester-I.

The course organic farming is introduced as generic elective in sem-II.

Agenda 4 : To give approval to feedback analysis on curriculum.

Discussion:

The feedback taken from various stake holders during first term of 2022-23 was discussed.

Resolution: As per the suggestions by various stake holders, the changes are introduced in the Curriculum.



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Agenda 5 : AOB.

Discussion : It is discussed to introduce one more laboratory course for each semester of UG-I.

Dr. S. H. Nile suggested to introduce Industry Oriented Resolution :

The one more laboratory course was introduced for each semester of UG-I.

- Industry oriented courses like Mushroom cultivation PTC have been introduced in the curriculum
The following members of BOS attended the meeting.

1. Prof. S. N. Shinde

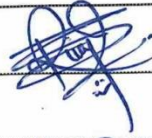
2. Dr. K. D. Savant

3. Mr. D. R. Awad

4. Mrs. R. K. Mekle (Online)

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
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Miss R.L. Shaikh



Miss P.V. Kumbhar



Miss D.S. Chavan



Mrs. P.S. Maskepatil



Dr. V. S. Maske (Online)

Shri. Laxman Done

Prof. Dr. A.B. Ade (Online)

Dr. B.S. Surwase (Online)

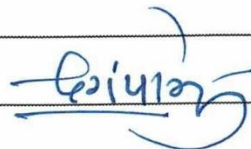
Prof. Dr. A.S. Dhabe (Online)

Dr. S. H. Nile (Online)

Dr. D. V. Vedpathak




Dr. D. G. Palke





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Faculty of Science
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Prof. S. N. Shinde
Chairman

Board of Studies in Botany
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur.