

## Govt. City College (A), Hyderabad

BOS (B.Sc. Biotechnology) for the academic year 2022-2023

### MINUTES OF THE MEETING

Members of the Board of Studies in B.Sc Biotechnology met in the Principal Chamber, Govt. City College (A), Hyderabad to discuss the following agenda.

Agenda: Finalization of B.Sc – Biotechnology syllabus for the academic year 2022 – 2023.

#### Members Present

1. Prof. SMITA C PAWAR, BOS Chairperson, Dept. of Genetics, Osmania University, Hyderabad.
2. Dr.K MADHURI, Assit. Professor, Dept. of Biotechnology, MGU.
3. Dr. Archana giri, JNTU, HYD. Assit. Professor, Dept. of Biotechnology,
4. Smt.P.Pushpalatha, Assit. Professor. HOD, Dept. of Biotechnology, Govt. City College (A), Hyderabad.
- 5.
- 6.

#### AGENDA:

1. The BOS members have discussed and resolved the following
2. No changes were made in the syllabus.
3. The syllabus is approved for all the semesters.
4. It is resolved to allocate internal examination for twenty marks in which 15 marks for internal examinations and 5 marks for assignments. Average of the 2 internal examinations will be taken into consideration for award of internal marks.
5. It is also resolved to conduct external examination for 80 marks as per the pattern enclosed.
6. It is resolved to choose any optional paper for each semester for the final year BSc.
7. Members approved a panel of examiners as per the list enclosed for setting up of the question paper and evaluation.

*K. Madhuri*

*Archana giri*  
DR. ARCHANA GIRI  
Ph.D.  
ASSISTANT PROFESSOR

## Govt. City College (A), Hyderabad

BOS (B.Sc. Biotechnology) for the academic year 2021-22

### MINUTES OF THE MEETING

Members of the Board of Studies in B.Sc Biotechnology met in the Principal Chamber, Govt. City College (A), Hyderabad to discuss the following agenda.

**Agenda: Finalization of B.Sc – Biotechnology syllabus for the academic year 2020 – 2021**

#### Members Present

1. Prof. SMITA C PAWAR, Head and Chairperson BOS Biotechnology, Osmania University, Hyderabad.
2. Dr. K MADHURI, Assistant. Professor, Dept. of Biotechnology, MGU.
3. Smt. K. Geetanjali, Assistant. Professor, Dept. of Biotechnology, GDC, Kukatpally.
4. Smt.P. Pushpalatha, Assistant. Professor, HOD, Dept. of Biotechnology, Govt. City College (A), Hyderabad.

#### Resolved to:

1. The BOS members have discussed and resolved to follow higher education syllabus for the III year as adapted by OU in Toto.
2. It is resolved to continue the first-year and II year syllabus approved in the previous BOS.
3. The syllabus is approved for all the semesters.
4. It is resolved to allocate internal examination for twenty marks in which 15 marks for internal examinations and 5 marks for assignments. Average of the 2 internal examinations will be taken into consideration for award of internal marks.
5. It is also resolved to conduct external examination for 80 marks as per the pattern enclosed.
6. It is resolved to choose anyone elective for each semester for the second year BSc.

# Govt. City College (A), Hyderabad

BOS (B.Sc. Biotechnology) for the academic year 2020-21

## MINUTES OF THE MEETING

Members of Board of Studies in B.Sc Biotechnology met in the Principal Chamber, Govt. City College (A), Hyderabad to discuss the following agenda.

Agenda: Finalization of B.Sc – Biotechnology syllabus for the academic year 2020 – 2021.

### Members Present

1. Dr.SMITA C PAWAR, BOS Chairperson, Dept. of Genetics, Osmania University, Hyderabad.
2. Dr.K MADHURI, Assit. Professor, Dept. of Biotechnology, MGU.
3. Smt. K. Geetanjali, Assit. Professor, Dept. of Biotechnology, GDC, Kukatpally
4. Smt.P. Pushpalatha, Assit. Professor, HOD, Dept. of Biotechnology, Govt. City College (A), Hyderabad.

### Resolved to:

1. The BOS members have discussed and resolved to follow higher education syllabus for second year as adapted by OU in Toto.
2. It is resolved to continue the first-year syllabus approved in the previous BOS.
3. It is resolved to continue the old syllabus for III-year BSc.
4. The syllabus is approved for all the semesters.
5. It is resolved to allocate internal examination for twenty marks in which 15 marks for internal examinations and 5 marks for assignments. Average of the 2 internal examinations will be taken into consideration for award of internal marks.
6. It is also resolved to conduct external examination for 80 marks as per the pattern enclosed.
7. It is resolved to choose anyone elective for each semester for the second year BSc.
8. Members approved panel of examiners as per the list enclosed for setting up of the question paper and evaluation.

*[Handwritten signatures and names]*  
K. Madhuri  
Smt. K. Geetanjali  
Smt. P. Pushpalatha



**Govt. City College (A), Hyderabad**

**BOS (M.Sc. Biotechnology) for the academic year 2019-20**

**MINUTES OF THE MEETING**

**Members of Board of Studies in M.Sc Biotechnology met in the Principal Chamber, Govt. City College (A), Hyderabad to discuss the following agenda.**


**Agenda: Finalization of M.Sc – Biotechnology syllabus for the academic year 2019 – 2020.**

**Members Present**

- 1. Dr.Smita C Pawar , BOS Chairperson, Associate Professor, Dept. of Genetics, Osmania University, Hyderabad.
- 2. Assit. Professor, Dept. of Biotechnology,
- 3. Assit. Professor, Dept. of Biotechnology,
- 4. Smt. P. Pushpalatha, Chairman, Assit. Professor, HOD, Dept. of Biotechnology, Govt. City College (A), Hyderabad.
- 5. Sri. M. Hemanth Kumar, Lecturer in Biotechnology, Govt. City College (A), Hyderabad.
- 6. Smt. Farheen Ayesha Birjees, Lecturer in Biotechnology, Govt. City College (A), Hyderabad.

**Resolved to:**

- 7. Members discussed and resolved to continue the CBCS pattern of syllabus for I, II, III & IV semesters.
- 8. The syllabus is approved for all the semesters.
- 9. Approved panel of examiners for the academic year 2019-2020.
- 10. It is resolved to allocate internal examination for twenty marks for internal evaluation in which 15 marks for internal examinations and 5 marks for assignments. Average of the 2 internal examinations will be taken into consideration for award of internal marks.
- 11. It is also resolved to conduct external examination for 80 marks as per the pattern enclosed.
- 12. Members approved panel of examiners as per the list enclosed for setting up of the question paper and evaluation.

  
 Department of Genetics  
 Osmania University  
 HYDERABAD-7



  
 MEMBER

# Govt. City College (A), Hyderabad

BOS (B.Sc. Biotechnology) for the academic year 2018-19

## MINUTES OF THE MEETING

Members of Board of Studies in B.Sc Biotechnology met in the Principal Chamber, Govt. City College (A), Hyderabad to discuss the following agenda.

Agenda: Finalization of B.Sc – Biotechnology syllabus for the academic year 2018 – 2019.

### Members Present

1. Dr. H. A. Roja Rani, BOS Chairperson, Professor, Dept. of Genetics, Osmania University, Hyderabad.
2. Smt. K. Geetanjali, Assit. Professor, Dept. of Biotechnology, GDC, Guntoor.
3. Smt.V.Rihini, Assit. Professor, Dept. of Biotechnology,
4. Smt.P. Pushpalatha, Assit. Professor, HOD, Dept. of Biotechnology, Govt. City College (A), Hyderabad.
5. Dr.A.K. Sudha Vani, Assit. Professor, Dept. of Biotechnology, Govt. City College (A), Hyderabad.
6. Sri. M. Hemanth Kumar, Lecturer in Biotechnology, Govt. City College (A), Hyderabad.
7. Smt. Farheen Ayesha Birjees, Lecturer in Biotechnology, Govt. City College (A), Hyderabad.



### Resolved to:

1. The BOS members have discussed and resolved to continue the CBCS pattern of syllabus for all semesters.
2. The syllabus is approved for all the semesters.
3. It is resolved to allocate internal examination for twenty marks for internal evaluation in which 15 marks for internal examinations and 5 marks for assignments. Average of the 2 internal examinations will be taken into consideration for award of internal marks.
4. It is also resolved to conduct external examination for 80 marks as per the pattern enclosed.
5. Members approved panel of examiners as per the list enclosed for setting up of the question paper and evaluation.

**Prof. A. Roja Rani**  
 Chairman, Board of Studies (Biotechnology)  
 Department of Genetics  
 Osmania University, Hyderabad-500071

**Board of Studies (2018-19):**

Composition as per UGC –XII Plan guidelines Annexure – V:

S.No	Name	Designation	Signature
01.	<sup>Prof.</sup> Dr. A. Roja Rani	Chairperson BOS, Osmania University.	
02.	Smt. K. Geetanjali	BOS member Nominated by Academic Council	
03.	Smt. V. Rohini	BOS member Nominated by Academic Council	
04.	Smt. P. Pushpalatha	Chairman	
05.	Dr. A. K. Sudha Vani	Member	
06.	Sri. M. Hemanth Kumar	Member	
07.	Farheen Ayesha Birjees	Member	



Prof. A. Roja Rani  
Chairman, Board of Studies (Biotechnology),  
Department of Genetics  
Osmania University, Hyderabad-07.



**SYLLABUS FOR B.Sc. BIOTECHNOLOGY COURSE (2018-19)**  
**Choice Based Credit System (CBCS)**

S.No	Paper	Module(Paper)	Hours	Max. Marks	Credits
<b>Semester I</b>					
1	Paper I (Core)	Cell biology and Genetics	04	100	04
2	Practicals-I	Cell biology and Genetics	02	25	01
<b>Semester II</b>					
3	Paper II (Core)	Nucleic acids and Bioinformatics	04	100	04
4	Practicals-II	Microbiology	02	25	01
<b>Semester III</b>					
5	Paper III (Core)	Biochemistry and Biostatistics	04	100	04
6	Practicals-III	Biochemistry and Biostatistics	02	25	01
7	SEC - 1	Enzyme technology	02	50	02
<b>Semester IV</b>					
8	Paper IV (Core)	Microbiology and immunology	04	100	04
9	Practicals-IV	Microbiology and immunology	02	25	01
10	SEC - 2	Immunotechnology	02	50	02
<b>Semester V</b>					
9	✓ Paper V ( Core)	Molecular Biology and r- DNA technology	03	100	03
10	Practicals-V	Molecular Biology and r- DNA technology	02	50	01
11	✓ Elective theory -A <sup>III</sup>	Plant Biotechnology	03	100	02
12	Practicals	Plant Biotechnology	02	50	01
13	Elective theory -B	Medical Biotechnology	03	100	02
14	Practicals	Medical Biotechnology	03	50	01
15	SEC - III	Molecular Plant Breeding	02	50	02
16	General Elective I	Fundamentals of Biotechnology	02	50	02
<b>Semester VI</b>					
17	Paper VI (Core)	Microbial technology	03	100	03
18	Practicals-VI	Microbial technology	02	50	01
19	Elective theory -A	Animal Biotechnology	03	100	02
20	Practicals	Animal Biotechnology	03	50	01
21	Elective theory -B	Environmental Biotechnology	03	100	02
22	Practicals	Environmental Biotechnology	03	50	01
23	SEC - IV	Intellectual property Rights	02	50	02
24	General Elective II	Applications of Biotechnology	02	50	02
25	Project Work	On the given topic			01

One Elective only is Compulsory in Respective Semester V and VI.

**Prof. A. Roja Rani**  
 Chairman, Board of Studies (Biotechnology)  
 Department of Genetics  
 Osmania University Hyderabad-500007

*APR*  
*[Signature]*