


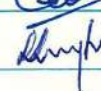


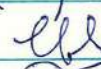
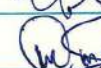


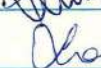
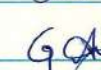




Minutes of the meeting - Board of studies ⁷⁹
 PG and Research Department of Biotechnology

15th meeting of Board of studies in Biotechnology in the autonomous scheme under "CBCS" was held on Saturday 10.03.2018 at 10.30 am in the Department of Biotechnology.

The chairman of the Board presided over the meeting and the following members were present:

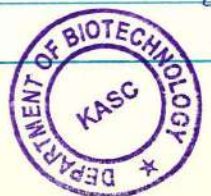
| <u>Name</u> | <u>Designation</u> | <u>Signature</u> |
|-------------------------------|--------------------|--------------------------------------------------------------------------------------------------|
| Dr. R. Subashkumar | Chairman |  10/03/2018 |
| Dr. R. Pathishkumar | University Nominee |  10/3/18 |
| Dr. T. Vinokkumar | Subject Expert 1 |  10/3/18 |
| Dr. Tho. Thayumanavan | Subject Expert 2 |  10/3/18 |
| Dr. P. Sahadevan, Asst. Prof. | Alumni |  10/3/18 |
| Dr. R. Thirugnanasampandan | Asst. Prof. |  10/3/18 |
| Dr. V. Bhuvareshwari | Asst. Prof. |  10/03/2018 |
| Dr. P. Penthal Kumar | Asst. Prof. |  10/03/2018 |
| Dr. R. Anusavani | Asst. Prof. |  10/3/18 |
| Dr. S. Rakeshkumar | Asst. Prof. |  10/03/2018 |
| Dr. C. Poorna | Asst. Prof. |  10/3/18 |
| Dr. G. Anbarasi | Asst. Prof. |  10/3/18 |
| Ms. S. Bhuvaneshwari | Asst. Prof. (BT) |  10/3/18 |
| Ms. Shilpa Ann Chandy | D.M.Sc. (BT) |  10/3/18 |

The chairman welcomed the members of the Board of studies in Biotechnology and the members were introduced.

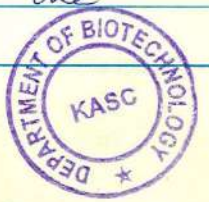
The chairman briefly explained the happenings of the 14th meeting of Board of studies.

Resolution passed regarding the introduction of OBE (Outcome based Education) from the academic year 2018-19 onwards.

1. Vision of the department have to be given elaborately for Va & PC separately.
2. Gender equality have to be included for male also.
3. Basic Mathematics have to be given to Va students
4. Prepare separate Maths (Basic) for BSc science students - represented by students
5. English and Tamil can be given only for 1st yr students (Va) - represented by Dr. Sathish Kumar Sri and Dr. Vinoth Kumar
6. Some of the college (especially SVR college of arts and science) having language paper only for 1st yr student in BSc science students.
7. Implement of Summer Vaca system for ph student recommended by Dr. Vinoth Kumar Sri.
8. Dr. Vinoth Kumar suggested for the subject of human physiology instead of human anatomy.
9. SPS can be revamped by CLT subjects (CLT - clinical Lab Technology)
10. MoC with reputed labs for CLT course can be implemented.
11. 1 of the SPS can be implemented as Theory paper. another SPS for practical.
12. EOE - Tools in Biotechnology. (2)
13. Life syst slide biology can be given in EOE
14. Agrobiotechnology paper can be included in SOC (Job oriented course)
15. Genomics and Proteomics paper name can be changed to Bioinformatics.

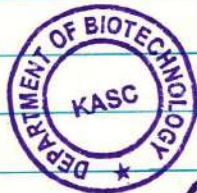


16. 'Practicum' term can be used for JA Project.
17. Project report - student sign can be included
18. ~~20~~ work of project have to be split among students for presentation.
19. ~~21~~ Choice of the Elective papers to the student can be selected by the students itself based on majority score on Tabulation.
20. ~~22~~ Choice based papers have to given parallelly. It have to be given to the students can be recommended by HOD.
Cell Biology.
- 23 Name of subject, can be changed (e) title as cellular biology. (code - 8)
24. Biochemistry - Biological chemistry subject name can be changed. Fundamentals of Biochemistry
25. Reference books - Biochemistry - Lehninger, Sam Sathyanaraya, Harper - latest edition can be included
26. K3, Bk4, K5 - for practicals.
27. Practical - Centrifuge - high-speed
28. ~~28~~ Immunology - paper - history included in unit-1
29. Molecular Biology. name (latest) ^{again} can be included
30. Immunology practicals - start from basic technique of Radioimmuno assay
31. Genetics - Blood DNA isolation
Southern Blotting DEMO, ELISA - DEMO.
32. Advances in Bioinformatics
33. CIT- 1 & 2. (Theory & Practical)
34. PL
1. Biochemistry - name changed - Biological Chemistry
2. As per ~~predecessor~~ rule change the syllabus pattern for PL students.



3. 'Non major' - 'supportive' have to be used in terms. (exchanged)
4. Microbial Biotechnology name can be changed for Microbiology. ~~but~~
5. Shift PBT from 3rd sem to 2nd sem and ABT from 2nd sem to 3rd sem.
6. Bio safety, Quality (total) management, IPR (Intellectual property rights) can be introduced as a new paper.
7. Include 1 elective paper in all semester.
8. 1 practical have to be present (suggested)
9. Include plant genomics in plant Biotechnology syllabus.
10. Biochemistry - Practical - ESK - removed add Qualitative and Quantitative estimation of Nucleic acids.
11. Feedback form all the stake holders were collected and analysed.

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Principals
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