



**SCHOOL OF BIOTECHNOLOGY, GANGADHAR MEHER UNIVERSITY,
AMRUTA VIHAR, SAMBALPUR**

Proceedings of the Meeting of Board of Studies

Date: 21.09.2021

School of Biotechnology, Gangadhar Meher University, Sambalpur was organized a meeting of Board of Studies was held on 21.09.2020 Physically and virtually via Google meet.

The following members were present at the meeting

1. Prof. N. Nagaraju, Honourable Vice Chancellor, Gangadhar Meher University
2. Prof. Mohin Mohammad, Chairman, Chairman, P. G. Council, Gangadhar Meher University
3. Prof. Arttatrana Pal, School of Life Sciences, Mahatma Gandhi Central University, Motihari, Bihar
4. Prof. Kailash Chandra Samal, Dept. of Agricultural Biotechnology, Odisha University of Agriculture Technology, Bhubaneswar.
5. Dr. Sujit Kumar Bhutia, Department of Life Science, National Institute of Technology, Rourkela
6. Dr. Subhendu S. Mishra, Director, Kalinga Biomedical Research Institute & Training Establishment, Sambalpur.
7. Dr. Monalisa Mohapatra, School of Chemistry, Gangadhar Meher University, Chairperson, (Ex-officio), G. M. University
8. Dr. Santosh Kumar Sethi (Convener & HoD) School of Biotechnology, G. M. University
9. Dr. Raghunath Satpathy, Asst. Professor, School of Biotechnology, G. M. University
10. Dr. Swetaleena Tripathy, Asst. Professor, School of Biotechnology, G. M. University
11. Dr. (Mrs) Monty Kujur, Asst. Professor, School of Biotechnology, G. M. University
12. Mr. Sangram Padhan, School of Biotechnology, G. M. University, Sambalpur.

Agenda

The agenda of the meeting is as follows

1. Modification of Syllabus of PG, M.Phil and PhD Course work
2. Finalization of list of Examiner
3. Finalization of list of Paper Setter
4. Finalization of list of Moderator

Proceedings

1. Dr. Santosh Kumar Sethi, HoD of School of Biotechnology welcomed all the esteemed members to the meeting of Board of Studies. He welcomed and introduced Prof. N. Nagaraju, Honourable Vice Chancellor, Gangadhar Meher University and Dr. Monalisa Mohapatra, School of Chemistry

who is also the Chairperson of the Board of Studies. The meeting started at 11.00am and continued till 1.00pm.

Discussions

- Honorable Vice Chancellor, Prof. Nagaraju initiated the discussion giving emphasis on the restructuring of the PG syllabus keeping in view the NEP, 2020. He stressed importance on the outcome-based syllabus, inclusion of credit system in the syllabus and if required can make major modifications.
- Prof. A. T. Pal said that syllabus should be done keeping in view NEP-2020, standard of the students and availability of the faculties, study materials and laboratory requirements.
- Prof. A.T. Pal and Prof. K.C. Samal told that the syllabus is very good. It is up to the mark and it covers majority of courses of CSIR-NET.
- Dr. Santosh Kumar Sethi, HoD, spelled out the vision and mission of the School of Biotechnology which was approved by all esteemed members.
- Each faculty suggested the changes (addition/deletion) that they want in the existing syllabus. The esteemed members gave their opinion whether to sustain that addition or deletion.
- A paper 104 (Genetics) is replaced by Bioinstrumentation and contents is to be modified
- Paper 201 (Genetic Engineering) is replaced by Plant and Animal tissue culture and contents is to be modified and Paper 202 (Instrumentation and Computer Techniques) is replaced by Genetics and overlapping in contents is to be minimized
- A new paper titled IPR, Biosafety and Bioethics included as paper in 403, Genomics, Proteomics and Metabolomics, Environmental Biotechnology and Ecology, Bioprocess Technology will be included.
- The details (Minor additions and deletions and include of new papers) is given in a separate table
- The question setter, examiner and moderator of 2020 is approved for the session 2021-22
- The meeting ended with vote of thanks by Dr. Swetaleena Tripathy, Asst. Prof, School of Biotechnology, Gangadhar Meher University, Sambalpur.

Submitted by



Dr. Santosh Ku. Sethi
Head
School of Biotechnology
G.M. University, Sambalpur

Dr. Santosh Kumar Sethi
HoD, School of Biotechnology



Dr. Monalisa Mohapatra
Chairperson

Signature and approval of the BoS members present in Physical mode:

1. Dr. Santosh Kumar Sethi:



2. Dr. Monalisa Mohapatra:



3. Dr. Raghunath Satpathy:



4. Dr. (Mrs) Monty Kujur:



5. Dr. Swetaleena Tripathy:



6. Mr. Sangram Padhan:

Signature and approval of the BoS members present in virtual mode:

1. Prof. A. T. Pal:

2. Prof. K.C. Samal:

3. Dr. Subhendu S. Mishra:

4. Dr. Sujit Kumar Bhutia

Papers	First semester		
Paper No.	Title	Suggested Title	Remark
101	Cell and Molecular Biology	No change	Overlapping in contents is to be minimized
102	Microbiology	No change	Overlapping in contents is to be minimized
103	Biochemistry	No change	Overlapping in contents is to be minimized
104	Genetics	Bioinstrumentation	Genetics is replaced by Bioinstrumentation and contents is to be modified
105	Lab course	No change	New experiments are to be introduced

Papers	Second semester		
Paper No.	Title	Suggested Title	Remark
201	Genetic Engineering	Plant and Animal tissue culture	Genetic Engineering is replaced by Plant and Animal tissue culture and contents is to be modified
202	Instrumentation and Computer Techniques	Genetics	Instrumentation and Computer Techniques is replaced by Genetics and overlapping in contents is to be minimized
203	Biostatistics and Basics of Bioinformatics	Biostatistics	Biostatistics and Basics of Bioinformatics is replaced by Biostatistics and contents is to be modified
204	Developmental Biology (Plants & Animals)	Cancer biology	Developmental Biology (Plant & Animal) is replaced by Cancer biology and contents is to be modified
205	Lab course	No change	New experiments are to be introduced
DSE Papers			
206A	Animal Physiology	No change	-
206B	Plant Physiology	No change	-
206C	Bioenergetics and Metabolism	No change	-

Papers	Third Semester		
Paper No.	Title	Suggested Title	Remark
301	Tissue Culture	Genetic Engineering	Tissue Culture is replaced by Genetic Engineering and contents is to be modified
302	Infection Biology and Immunology	Immunology and Immuno-techniques	Infection Biology and Immunology is replaced by Immunology and Immuno-techniques and maximum changes are required in the course content
303	Cancer and Stem Cell Biology	Bioinformatics and Computational Biology	Cancer and Stem Cell Biology is replaced by Bioinformatics and computational biology
304	Chronobiology	Environmental Biotechnology and Ecology	Chronobiology is replaced by Environmental Biotechnology and Ecology
305	Lab course	No change	New experiments are to be introduced
IDSE Papers			
306A	Medical Biotechnology	No change	-
306B	Agricultural Biotechnology	Developmental Biology (Plants and Animals)	Agricultural Biotechnology is replaced by Developmental Biology (Plant and Animal)
306C	Environmental Biotechnology	Bioprocess Technology	Environmental Biotechnology is replaced by Bioprocess technology

Papers	Fourth semester		
Paper No.	Title	Suggested Title	Remark
401	Research Methodology	No change	-
402	Industrial/ Research exposure (4 months)	Agricultural Biotechnology	Industrial/ Research exposure (4 months) is replaced by Agricultural Biotechnology
403	Report Submission and Seminar Presentation	IPR, Biosafety and Bioethics	Report Submission and Seminar Presentation is replaced by IPR, Biosafety and Bioethics
404	No paper	Genomics proteomics and metabolomics	New paper introduced
405	No paper	Project work and Seminar.	New paper introduced