



To 29/1/2022

The Director, IQAC
CBIT

Sub: Constitution of new committees in Dept. of Biotechnology modified, Regd.

Sir,

The department of Biotechnology has divided the various subjects of curriculum under 6 categories and identified a team of experts for each category.

Course Experts Group (CEG)

CEG-I: Basic and advanced applications of Biotechnology

S.No	Committee designation	Name of the faculty member
1	Expert Member	Dr.G.Vijayalaxmi , Assistant Professor
2	Expert Member	Dr.C Obula Reddy
3	Expert Member	Dr.Bishwambhar Mishra, Assistant Professor
4	Expert Member	Dr Dharmalingam, Assistant Professor
5	Expert Member	Dr B Sumithra ,Assistant Professor
6	Expert Member	Dr Sanjeeb Kumar, Assistant Professor

Subjects to be handled:

1. Basics of Biology I
2. Basics of biology II
3. Cell and Molecular Biology
4. Biochemistry theory and Lab
5. Microbiology theory and Lab
6. Genetics
7. Instrumental Methods in Biotechnology theory and Lab
8. Regulatory Affairs & Clinical Trials
9. Biomaterials
10. Nanobiotechnology
11. Metabolic Engineering

12. Biosimilar technology

CEG-II: Bioprocess and Biotechnology Engineering and Environmental Biotechnology

S.No	Committee designation	Name of the faculty member
1	Expert Member	Dr.Y.Rajasri, Assoc. prof and I/C Head
2	Expert Member	Mrs.S.Sumithra, Assistant Professor
3	Expert Member	Dr.Nagendranath Reddy, Assistant Professor
4	Expert Member	Dr B Mishra, Assistant Professor
5	Expert Member	Dr Dharmalingam, Assistant Professor

Subjects to be handled:

1. Process Principles and Reaction Engineering
2. Chemical and Biochemical Thermodynamics
3. Fluid Mechanics and Heat Transfer theory and Lab
4. Fermentation Technology theory and Lab
5. Mass Transfer Operation
6. Downstream Processing theory and Lab
7. Computer Applications in Bioprocess
8. Environmental Biotechnology
9. Food Biotechnology
10. Industrial Biotech
11. IPR
12. BPDC
13. Enzyme Technology theory and Lab

CEG-III: Medical Biotechnology

S.No	Committee designation	Name of the faculty member
1	Expert Member	Dr.C.Obula Reddy, Assistant Professor
2	Expert Member	Dr.V.Aruna, Assistant Professor
3	Expert Member	Dr G Vijayalaxmi, Assistant Professor
4	Expert Member	Dr Kiran Y V, Assistant Professor
5	Expert Member	Dr Sanjeeb Kumar, Assistant Professor

Subjects to be handled:

1. Virology
2. Genetic Engineering and rDNA Technology theory and Lab
3. Medical Biotechnology
4. Pharmaceutical Biotechnology

5. Cancer Biology
6. Introduction to Anatomy and Physiology of Humans
7. Immunology theory and Lab

CEG-IV: Plant and Animal Biotechnology

S.No	Committee designation	Name of the faculty member
1	Expert Member	Dr.V.Aruna, Assistant Professor
2	Expert Member	Dr C Obula Reddy Assistant Professor
3	Expert Member	Dr.G.Vijayalaxmi, Assistant Professor
4	Expert Member	Dr.C.Nagendranath Reddy, Assistant Professor
5	Expert Member	Dr Kiran Y V, Assistant Professor

Subjects to be handled:

1. Plant Biotechnology theory and Lab
2. Phyto Chemicals and Herbal Products
3. Tissue Engineering
4. Genome editing
5. Immunodiagnosics
6. Developmental Biology
7. Animal Biotechnology theory and Lab

CEG-V: Computational Biology

S.No	Committee designation	Name of the faculty member
1	Expert Member	Dr.V.Aruna, Assistant Professor
2	Expert Member	Dr.G.Vijayalaxmi , Assistant Professor
3	Invited Expert Member	Dr B Sumithra ,Assistant Professor

Subjects to be handled:

1. Bioinformatics theory and Lab
2. Molecular modeling and drug design
3. Structural Biology
4. Genomics and Proteomics

CEG-VI: Projects and Seminars

S.No	Committee designation	Name of the faculty member
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1	Expert Member	Dr.Y.Rajasri, Assoc. prof and I/C Head
2	Expert Member	Dr.G.Vijayalaxmi , Assistant Professor
3	Expert Member	Dr.Bishwambhar Mishra, Assistant Professor
4	Expert Member	Dr.Nagendranath Reddy, Assistant Professor

Subjects to be handled:

1. Project Part-I
2. Seminar
3. Project Part-II

Functions of CEG:

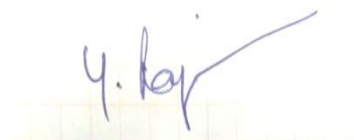
- Review syllabus review periodically
- Introduction of new /emerging subjects in their area
- Framing of COs as per Blooms Taxonomy
- Suggest appropriate books to the library
- Report the updates to PAC periodically

Note: If any new subjects are introduced in the curriculum in the due course of action, the appropriate group will look after that particular subject introduced.

In this regard, I request your kind approval to proceed further to implement outcome based education effectively in the department of Biotechnology.

Thanking You,

Yours Sincerely



Dr.Rajasri Y,I/C Head,
BT Dept

Copy to:

1. Director, IQAC
2. Individual faculty members

3. Office file, BT dept