

VELS UNIVERSITY: SCHOOL OF LIFE SCIENCES

DEPARTMENT OF BIOTECHNOLOGY

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

Date : 21/01/2015

Time : 10:30 AM

**Venue : Conference Hall,
Pharmaceutical Sciences**

The meeting of the Board of Studies of the Department of Biotechnology, School of Life Sciences, Vels University was held at 10:30 AM on 21/01/2015 (Wednesday) in the conference hall of the School of Pharmaceutical Sciences to consider the curriculum and syllabus for M.Sc Biotechnology Programme proposed to be introduced by the department from 2015-2016 under the CBCS pattern.

The following persons were invited to attend the meeting:

S.No	Name and Address (Members of the Board of Studies)	Designation
1	Dr.S.Narendra Sivasamy Deputy Director, Shri Meera Biotech Pvt Ltd, Chennai 116.	External Expert
2	Dr.N.K.Udayaprakash, Asst.Professor , Dept of Biotechnology, Veltech High-Tech Dr.RR and Dr.SS University,Avadi,Chennai-4	External Expert
3	Ms.D.Vidya Dept of Biotechnology, Vels University, Pallavaram, Chennai.117.	Alumni Member
4	Dr.K.Amutha Department of Biotechnology Vels University	Internal Member
5	Dr.K.Rajagopal Director, School of Life Sciences, Vels University, Pallavaram, Chennai-600 117 Mobile No:9962506241 Email ID : directorsls@velsuniv.org	Convener

All the above listed members except one under Sl.No.2 attended the meeting and deliberated on the curriculum and syllabus in detail. The following are the recommendations of the Committee on the subject matter.

- The course , "Biochemistry and Enzymology" should be offered as core subject in Semester I
- Elective courses renamed as Discipline Specific Elective (DSE) and Generic Elective (GE). In every semester the student must take DSE and GE. The list of DSE and GE with syllabus enclosed herewith. The committee decided that the following subjects are considered as Discipline Specific Elective courses

- ✓ Computational Biology, Biophysics and Biostatistics
- ✓ Bioinstrumentation
- ✓ Tissue Engineering and Stem Cell Biology
- ✓ Environmental and Nano-Biotechnology
- ✓ Marine and Pharmaceutical Biotechnology
- ✓ Fermentation Technology
- ✓ Regulatory affairs, GLP, IPR, Entrepreneurship and Bioethics in Clinical Research
- ✓ Medical and Herbal Biotechnology
- ✓ Project Management and Biotech products Entrepreneurship


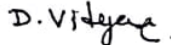

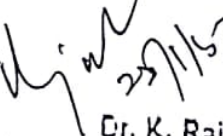
Generic Elective Courses

- ✓ Medical Transcription and Coding
- ✓ Biomedical waste Management
- ✓ Entrepreneurship Development
- ✓ Environmental Biotechnology
- ✓ Biotechnology And Human Welfare

- The total number of credits for the course is 85.
- Industrial visit and educational tour should be treated as part of the syllabus of any related core subject, it should not be treated as separate core and should not given any credits.
- Code numbers are changed for all subjects according to new regulation and the instruction from the CoE office and the committee was accepted that code.
- In 3rd semester "Genetic Engineering", course combined with Fermentation Technology, and suggested first 2 unit contains Genetic Engineering and Unit 3,4,5 contains Fermentation Technology. In the same way "Genetic Engineering", and

Fermentation Technology practical's combined as one practical as suggested by the board.

- The members of BoS suggested that the internship should be given 2 credits
- 2 hrs of practical should be given only 1 credits
- In semester IV, Dissertation/Project was accepted with 17 credits by all members of BoS
- In the syllabus text books and reference book should be given in a separate title, and it should contain author, title of the book, edition and year format.
- Each unit should be given title, hrs of teaching and must have five units
- All the paper must have objective as suggested by the BoS.

Members of Board of Studies	BoS-Designation	Signature
Dr.S.Narendra Sivasamy Deputy Director, Shri Meera Biotech Pvt Ltd, Chennai 116.	External Expert	 SYNCHROMAX BIOTECH PVT. LT No. 118, 1st Floor, Kundrathur Main Road M.S. Nagar, Porur, Chennai - 600 116 Tel: 91-44-4280 3078/6458 8404
Dr.N.K.Udayaprakash, Asst.Professor, Dept of Biotechnology, Veltech High-Tech Dr.RR and Dr.SS University,Avadi,Chennai-4	External Expert	—
Ms.D.Vidya Dept of Biotechnology, Vels University, Pallavaram, Chennai.117.	Alumni Member	 D. Vidya
Dr.K.Amutha Department of Biotechnology Vels University	Internal Member	 Vels University Pallavaram, Chennai - 600 117
Dr.K.Rajagopal Director, School of Life Sciences, Vels University, Pallavaram,Chennai-600 117 Mobile No:9962506241 Email ID : directorsls@velsuniv.org	Convener	 25/1/15 Dr. K. Rajagopal, MSc., MPhil., PhD. Director, School of Life Sciences Vels University Pallavaram, Chennai - 600 117