



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY
& ADVANCED STUDIES (VISTAS)
(DEEMED TO BE UNIVERSITY Estd. u/s 3 OF THE UGC ACT, 1956)
NAAC ACCREDITED
PALLAVARAM - CHENNAI - INDIA

MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE:17.05.2018

The meeting of Board of Studies in **Biomedical Engineering (UG)** of the Department of Biomedical Engineering, School of Engineering, VISTAS held on **17.05.2018 at 02.00 p.m.** in Room No: OEB001, Ocean Engineering Block to discuss the revision of First year UG Course Curriculum & Syllabus of B.E Biomedical Engineering.

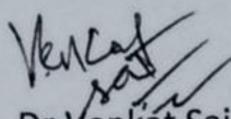
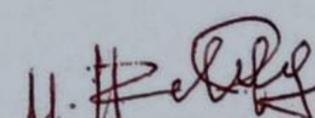
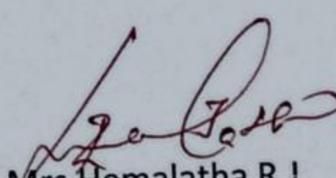
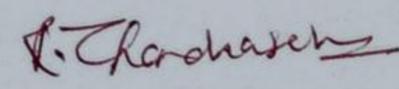
Members Present:

S.No	Member Name	Designation & Address	BOS Designation
1.	Dr.Venkat Sai	Prof & Head,SRMC,Chennai	External Expert
2.	Dr.M.Hariharan	Associate Prof,Dept of BME,SRM Univ,Chennai	Special Invitee
3.	Mr.B.Venkatraman	Managing Partner – Technical,Bio Vision Medical Systems,Chennai	External Expert
4.	Mrs.Hemalatha R.J	Head of the Department-Biomedical Engg,VISTAS,Pallavaram,Chennai-117	Convenor
5.	Mr.R.Chandrasekaran	Assistant Professor, Department-Biomedical Engg,VISTAS,Pallavaram,Chennai-117	Member

Considered the Course Curriculum and Syllabus presented before the Board of Studies and discussed in detail and resolved as follows:

Resolved to recommend that the Curriculum & Syllabus for the First Year B.E Biomedical Engineering,prescribed by AICTE/UGC for the Academic Year 2018-2019 be approved.

Signature of the Members:

 Dr. Venkat Sai Prof & Head, SRMC Chennai External Expert	 Dr. M. Hariharan Associate Prof, Dept of BME,SRM Univ, Chennai Special Invitee	 Mr. B. Venkatraman Managing Partner – Technical, Bio Vision Medical Systems, Chennai External Expert	 Mrs. Hemalatha R.J Head of the Department- Biomedical Engg, VISTAS,Pallavaram, Chennai Convenor	 Mr. R. Chandrasekaran Assistant Professor Department- Biomedical Engg, VISTAS,Pallavaram, Chennai Member
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(Deemed to be University u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI - INDIA



VELS
UNIVERSITY



B.E.
Biomedical Engineering

Curriculum and Syllabus
(Based on Choice Based Credit System)
Effective from the Academic year
2018-2019

Department of Biomedical Engineering
School of Engineering

VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)

B.E. BIOMEDICAL ENGINEERING DEGREE COURSE

COURSES OF STUDY AND SCHEME OF ASSESSMENT

(MINIMUM CREDITS TO BE EARNED: 160)

Category	Course Title	Hours/Week			Credits	Maximum Marks		
		Lecture	Tutorial	Practical		CA	SEE	Total
SEMESTER I								
Humanities	English	2	0	0	2	40	60	100
Basic Science	Physics (Oscillation, Waves and Optics)	3	1	0	4	40	60	100
Basic Science	Mathematics – I (Calculus and Linear Algebra)	3	1	0	4	40	60	100
Engineering Course	Basic Electrical Engineering	3	1	0	4	40	60	100
Engineering Course	Engineering Graphics & Design	1	0	4	3	40	60	100
Basic Science Lab	Physics Lab	0	0	3	1.5	40	60	100
Engineering Lab	Electrical Engineering Lab	0	0	2	1	40	60	100
Humanities Lab	English Lab	0	0	2	1	40	60	100
		12	3	11	20.5			
SEMESTER II								
Basic Science	Chemistry	3	1	0	4	40	60	100
Basic Science	Mathematics – II (Probability and Statistics)	3	1	0	4	40	60	100
Engineering Course	Programming for Problem Solving	3	0	0	3	40	60	100
Basic Science Lab	Chemistry Lab	0	0	3	1.5	40	60	100
Engineering Lab	Programming for Problem solving Lab	0	0	4	2	40	60	100
Engineering Course	Workshop/Manufacturing Practices	1	0	4	3	40	60	100
		10	2	11	17.5			

CA - Continuous Assessment

SEE - Semester End Examination