



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

## SCHOOL OF BIO AND CHEMICAL ENGINEERING

Department of Biomedical Engineering

Year: IV

Course: B.Tech - Biomedical

Sem: VII

Batch: 2017-2021

DAY	1 8.30-9.30	2 9.30-10.30	10.30-11.00	3 11.00-12.00	4 12.00-1.00
Mon	SBM1402	SBM1401	<b>B R E A K</b>	SBM1606	SBM1602/ SBM1610
Tues	SBM1602/ SBM1610	SBM1401		SBM1402	SBM1606
Wed	SBM1606	SBM1602/ SBM1610		SBM1401	SBM1402
Thurs	SBM1402	SBM1606		SBM1602/ SBM1610	SBM1401
Fri	SBM1401	SBM1402		SBM1606	SBM1602/ SBM1610

S.No	Sub.Code	Name of the Subject	Staff Handling
1	SBM1401	Biotelemetry	Dr.BethanneyJanney J & Mr. G.Umashankar
2	SBM1402	Virtual Bioinstrumentation	Dr.Marshiana&Dr.Krishnamoorthy (E&I)
3	SBM1606	Bio-MEMS & Nanotechnology(Elective-I)	Dr. T.Sudhakar & Dr.J.Premkumar
4	SBM1602 SBM1610	Medical Laser &Fiber Optics(Elective-II) Drug Delivery Systems(Elective-III)	Ms. SinduDivakaran  Dr.Anima Nanda



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## SCHOOL OF BIO AND CHEMICAL ENGINEERING Department of Biomedical Engineering

Year: III Course: B.Tech - Biomedical Sem: V Batch: 2018-2022

DAY	1 8.30-9.30	2 9.30-10.30	10.30-11.00	3 11.00- 12.00	4 12.00-1.00
Mon	SBM1301	SBM1304	B R E A K	SBM1323	SBM1324
Tues	SBM1323	SBM1302		SBM1324	SBM1303
Wed	SBM1303	SBM1304		SBM1302	SBM1301
Thurs	SBM1324	SBM1303		SBM1323	SBM1304
Fri	SBM1302	SBM1301		SBM1324	SBM1323
Sat	SBM1304	SBM1303		SBM1301	SBM1302

S.No	Sub.Code	Name of the Subject	Staff Handling
1	SBM1301	Diagnostic Instrumentation	Ms.SinduDivakaran
2	SBM1302	Analytical Instrumentation	Dr.T.Sudhakar
3	SBM1303	Biosignal Conditioning	Dr.BethanneyJanney J
4	SBM1304	Biomaterials	Dr.S. Krishnakumar
5	SBM1323	Microprocessor & Microcontroller	Dr.RPandian (E&I)
6	SBM1324	Digital Signal Processing	Mr.G.Umashankar



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## SCHOOL OF BIO AND CHEMICAL ENGINEERING

### Department of Biomedical Engineering

Year: II

Course: B.Tech - Biomedical

Sem: III

Batch: 2019-2023

DAY	1 8.30-9.30	2 9.30-10.30	10.30- 11.00	3 11.00-12.00	4 12.00-1.00
Mon	SMTA1303	SBMA1303	B R E A K	SBMA1301	SBMA1305
Tues	SBMA1304	SMTA1303		SBMA1302	SBMA1305
Wed	SBMA1301	SBMA1304		SBMA1303	SBMA1302
Thurs	SBMA1302	SMTA1303		SBMA1304	SBMA1303
Fri	SBMA1305	SBMA1302		SBMA1301	SMTA1303
Sat	SBMA1303	SBMA1301		SBMA1305	SBMA1304

S.No	Sub.Code	Name of the Subject	Staff Handling
1	SMTA1303	Differential Equations & Numerical Methods	Dr.Malliga
2	SBMA1301	Biosensors & Measurements	Ms.Amala Rani(E&I)
3	SBMA1302	Introduction to Immunology	Dr.S.Krishnakumar
4	SBMA1303	Human Anatomy & Physiology	Dr.J.Premkumar
5	SBMA1304	Biosignals & Systems	Mr.G.Umashankar
6	SBMA1305	Basic Electronic Devices Circuits & its applications	Dr.P.GraceKanmani(ECE)



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## SCHOOL OF BIO AND CHEMICAL ENGINEERING

### Department of Biomedical Engineering

Year: II      Sem: III      Batch: 2019-2021      Course: M.Tech Medical Instrumentation

DAY	1 8.30-9.30	2 9.30-10.30	10.30- 11.00	3 11.00-12.00	4 12.00-1.00
Mon	SBMA7007	SBMA7006	B R E A K	SBMA7004	SBMA5301
Tues	SBMA7004	SBMA7007		SBMA5301	SBMA7006
Wed	SBMA7007	SBMA5301		SBMA7006	SBMA7004
Thurs	SBMA5301	SBMA7006		SBMA7007	SBMA7004
Fri	SBMA7006	SBMA5301		SBMA7004	SBMA7007

S.No	Sub.Code	Name of the Subject	Staff Handling
1	SBMA5301	Advanced Rehabilitation Engineering	Dr.JPremkumar
2	SBMA7004	Medical Electronics E-Health	Ms.Sabarivani. A (E&I)
3	SBMA7006	Computer Based Medical Instrumentation	Dr.NR.Krishnamoorthy (E&I)
4	SBMA7007	MEMS in health care	Mr.Bestley Joe(E&I)