

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2015-2016
B.E. Nano Technology

III SEMESTER

Sl. No.	Subject Code	Title	Teaching Hours/Week		Examination				Credits
			Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I. A. Marks	Total Marks	
1	15MAT31	ENGINEERING MATHEMATICS III	04		03	80	20	100	4
2	15NT32	BASICS OF MATERIAL SCIENCE	04		03	80	20	100	4
3	15NT33	FOUNDATIONS OF NANOSCALE SCIENCE AND TECHNOLOGY	04		03	80	20	100	4
4	15NT34	MOSFETs AND DIGITAL CIRCUITS	04		03	80	20	100	4
5	15NT35	PHYSICAL AND CHEMICAL PRINCIPLES OF NANOTECHNOLOGY	04		03	80	20	100	4
6	15NT36	FUNDAMENTALS OF BIOSCIENCE	04		03	80	20	100	4
7	15NTL37	SIMULATION AND MODELLING LAB		1 I + 2 P	03	80	20	100	2
8	15NTL38	DIGITAL ELECTRONICS LAB		1 I + 2 P	03	80	20	100	2
TOTAL			24	06	24	640	160	800	28

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2015-2016
B.E. Nano Technology

IV SEMESTER

Sl. No.	Subject Code	Title	Teaching Hours/Week		Examination				Credits
			Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I. A. Marks	Total Marks	
1	15MAT41	ENGINEERING MATHEMATICS IV	04		03	80	20	100	4
2	15NT42	MATERIAL SCIENCE AND ENGINEERING	04		03	80	20	100	4
3	15NT43	SYNTHESIS AND PROCESSING TECHNIQUES	04		03	80	20	100	4
4	15NT44	ELECTRONIC INSTRUMENTS AND MEASUREMENTS	04		03	80	20	100	4
5	15NT45	APPLICATIONS OF NANOTECHNOLOGY	04		03	80	20	100	4
6	15NT46	BIOCHEMISTRY AND MICROBIOLOGY	04		03	80	20	100	4
7	15NTL47	ELECTRONIC INSTRUMENTATION LAB		1 I + 2 P	03	80	20	100	2
8	15NTL48	BIOCHEMISTRY AND MICROBIOLOGY LAB		1 I + 2 P	03	80	20	100	2
TOTAL			24	06	24	640	160	800	28