

VINAYAKA MISSION'S RESEARCH FOUNDATION

FACULTY OF ALLIED HEALTH SCIENCES

CBCS PATTERN AND SYLLABUS CURRICULUM

B.Sc., RESPIRATORY CARE TECHNOLOGY

For the students admitted from the academic year 2024– 2025 batch and onwards

S.NO	COURSE CODE	COURSE TITLE	L	T	P / CR	C	HRS
SEMESTER – I THEORY							
1.	BPTAEC01	General Psychology	2	0	0	2	30
2.	BPTSEC01	To be chosen by students	2	0	0	2	30
3.	BPTCT01	General Anatomy	4	0	0	4	60
4.	BPTCT02	General Physiology	4	0	0	4	60
5.	BPTCT03	General Biochemistry	4	0	0	4	60
PRACTICAL							
1.	BPTCL01	General Anatomy	0	0	1	1	30
2.	BPTCL02	General Physiology	0	0	1.5	1.5	45
3.	BPTCL03	General Biochemistry	0	0	1.5	1.5	45
SEMESTER – II THEORY							
1.	BPTAEC02	Basic Food and Nutrition	2	0	0	2	30
2.	BPTSEC02	To be chosen by students	2	0	0	2	30
3.	BPTCT04	General Microbiology	4	0	0	4	60
4.	BPTCT05	General Pathology	4	0	0	4	60
5.	BPTCT06	General Pharmacology	4	0	0	4	60
PRACTICAL							
1.	BPTCL04	General Microbiology	0	0	1.5	1.5	45
2.	BPTCL05	General Pathology	0	0	1.5	1.5	45
3.	BPTCL06	General Pharmacology	0	0	1	1	30
SEMESTER – III THEORY							
1.	BPTAEC03	Environmental Sciences	2	0	0	2	30
2.	BPTSEC03	To be chosen by students	2	0	0	2	30
3.	BPTCT07	Applied pathology and microbiology	4	0	0	4	60
4.	BPTCT08	Medicine relevant to Respiratory Care technology	4	0	0	4	60
5.	BPTCT09	Introduction toRespiratory Care Technology	4	0	0	4	60
6.	BPTCT10	Applied Pharmacology	3	0	0	3	45
PRACTICAL							
1.	BPTCL07	Applied pathologyand Microbiology	0	0	1	1	30
2.	BPTCL08	Medicine relevant to Respiratory Care technology	0	0	1.5	1.5	45

3.	BPTCL09	Introduction to Respiratory Care Technology	0	0	1.5	1.5	45
4.	BPTCL10	Applied Pharmacology	0	0	1	1	30
SEMESTER – IV THEORY							
1.	BPTSEC04	To be chosen by students	2	0	0	2	30
2.	BPTCT11	Patient care and basic nursing	4	0	0	4	60
3.	BPTCT12	Applied Science I	4	0	0	4	60
4.	BPTCT13	Cardiopulmonary Intensive Care Management	4	0	0	4	60
PRACTICAL							
1.	BPTCL11	Applied Science I	0	0	1.5	1.5	45
2.	BPTCR01	Clinical Rotation	0	0	8	8	240
SEMESTER –V THEORY							
1.	BPTSEC05	To be chosen by students	2	0	0	2	30
2.	BPTDSE01	Introduction to Surgery and CSSD	4	0	0	4	60
3.	BPTDSE02	Applied science II	4	0	0	4	60
4.	BPTDSE03	Neonatal Respiratory Care	4	0	0	4	60
PRACTICAL							
1.	BPTCR02	Clinical Rotation	0	0	8	8	240
SEMESTER – VI THEORY							
1.	BPTSEC 06	To be chosen by students	2	0	0	2	30
2.	BPTDSE04	Respiratory Care Technology – Clinical	4	0	0	4	60
3.	BPTDSE05	Pulmonary Rehabilitation	4	0	0	4	60
4.	BPTDSE06	Research Methodology and Biostatistics	4	0	0	4	60
PRACTICAL							
1.	BPTCR03	Clinical Rotation	0	0	8	8	240

**SEMESTER-VII AND VIII
INTERNSHIP**

1.	BPTIN01	Internship	0	0	40	40	1200
2.	BPTPRO01	Dissertation and Viva voce	0	0	6	6	180