



Integral University, Lucknow
Department of Paramedical Sciences
Study and Evaluation Scheme

Program: B. Sc. Cardiovascular Technology

Semester-III

S. N.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
THEORIES													
1	CV201	Clinical Hematology - I	Core	2	1	0	40	20	60	40	100	2:1:0	3
2	CV202	Microbiology	Core	2	1	0	40	20	60	40	100	2:1:0	3
3	CV203	Pharmacology	Core	2	1	0	40	20	60	40	100	2:1:0	3
4	CV204	Medical Biochemistry -II	Core	2	1	0	40	20	60	40	100	2:1:0	3
5	CV205	Basics of Cardiovascular Technology	Core	2	1	0	40	20	60	40	100	2:1:0	3
6	ES101	Environmental Studies	Core	2	1	0	40	20	60	40	100	2:1:0	3
PRACTICAL													
1	CV206	Clinical Hematology - I Lab	Core	0	0	4	40	20	60	40	100	0:0:2	2
2	CV207	Medical Biochemistry -II Lab	Core	0	0	4	40	20	60	40	100	0:0:2	2
3	CV208	Basics of Cardiovascular Technology Lab	Core	0	0	4	40	20	60	40	100	0:0:2	2
Total				12	06	12	360	180	540	360	800	24	24

S. N.	Course code	Course Title	Type of Paper	Attributes							United Nation Sustainable Development Goal (SDGs)
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES											
1	CV201	Clinical Hematology - I	Core	√	√	√	√		√	√	3,4
2	CV202	Microbiology	Core	√	√	√	√		√	√	3,4
3	CV203	Pharmacology	Core	√	√	√	√		√	√	3,4
4	CV204	Medical Biochemistry -II	Core	√	√	√	√		√	√	3,4
5	CV205	Basics of Cardiovascular Technology	Core	√	√	√	√		√	√	3,4
6	ES101	Environmental Science	Core			√		√			3,4
PRACTICAL											
1	CV206	Clinical Hematology - I Lab	Core	√	√	√	√		√	√	3,4
2	CV207	Medical Biochemistry -II Lab	Core	√	√	√	√		√	√	3,4
3	CV208	Basics of Cardiovascular Technology Lab	Core	√	√	√	√		√	√	3,4

L: Lecture **T:** Tutorials **P:** Practical **CT:** Class Test **TA:** Teacher Assessment **ESE:** End Semester Examination,
 AE= Ability enhancement, DSE- Discipline Specific Elective, **Sessional Total:** Class Test + Teacher Assessment **Subject Total:** Sessional Total + End Semester Examination (ESE)



Integral University, Lucknow
Department of Paramedical Sciences
Study and Evaluation Scheme

Program: B.Sc. CVT

Semester-IV

S. N.	Course code	Course Title	Type of Paper	Period Per			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
THEORIES													
1	CV210	Clinical Hematology-II	Core	2	1	0	40	20	60	40	100	2:1:0	3
2	CV211	Advanced Cardiovascular Technology	Core	2	1	0	40	20	60	40	100	2:1:0	3
3	CV212	Clinical Biochemistry	Core	2	1	0	40	20	60	40	100	2:1:0	3
4	CV213	Applied Microbiology	Core	2	1	0	40	20	60	40	100	2:1:0	3
5	CV214	Principles of Laboratory Management	Core	2	1	0	40	20	60	40	100	2:1:0	3
PRACTICAL													
1	CV215	Clinical Hematology-II Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
2	CV216	Advanced Cardiovascular Technology Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
3	CV217	Clinical Biochemistry - Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
4	CV218	Hospital Posting	Core	0	0	14	40	20	60	40	100	0:0:1	7
Total				10	05	20	360	180	540	360	900	25	25
S. N.	Course code	Course Title	Type of Paper	Attributes								Nation Sustainable Development Goal (SDGs)	
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics			
THEORIES													
1	CV210	Clinical Hematology-II	Core	√	√	√	√		√	√		3,4	
2	CV211	Advanced Cardiovascular Technology	Core	√	√	√	√		√	√		3,4	
3	CV212	Clinical Biochemistry	Core	√	√	√	√		√	√		3,4	
4	CV213	Applied Microbiology	Core	√	√	√	√		√	√		3,4	
5	CV214	Principles of Laboratory Management	Core	√	√	√	√		√	√		3,4	
PRACTICAL													
1	CV215	Clinical Hematology-II Lab	Core	√	√	√	√		√	√		3,4	
2	CV216	Advanced Cardiovascular Technology Lab	Core	√	√	√	√		√	√		3,4	
3	CV217	Clinical Biochemistry - Lab	Core	√	√	√	√		√	√		3,4	
4	CV218	Hospital Posting	Core	√	√	√	√		√	√		3,4	

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 AE= Ability enhancement, DSE- Discipline Specific Elective, **Sessional Total:** Class Test + Teacher Assessment **Subject Total:** Sessional Total + End Semester Examination (ESE)