

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 014      Programme Name: BACHELOR OF TECHNOLOGY (CHEMICAL ENGINEERING)      SchemeID: 190142004001      Sem./Year: 02 SEMESTER  
 Institution Code: 161      Institution: UNIVERSITY SCHOOL OF CHEMICAL TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	98102	HS102	COMMUNICATIONS SKILLS - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	15104	IT104	ENGINEERING MECHANICS	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	99106	BA106	INORGANIC CHEMISTRY	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	99108	BA108	MATHEMATICS - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	99112	BA112	LIFE SCIENCES	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	99116	BA116	PHYSICS - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	98126	HS126	IMPACT OF SCIENCE & TECHNOLOGY ON SOCIETY	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
08	15154	IT154	ENGINEERING GRAPHICS - II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	99156	BA156	PHYSICS - II LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	99158	BA158	LIFE SCIENCES LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	99160	BA160	INORGANIC CHEMISTRY LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	14202	CT202	CHEM ENGG. THERMODYNAMICS - I	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	14204	CT204	UNIT OPERATIONS - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	14206	CT206	HEAT TRANSFER - I	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	99212	BA212	APPLIED MATHEMATICS - IV	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	99214	BA214	MATERIAL SCIENCE	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	99216	BA216	PHYSIO ORGANIC CHEMISTRY	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	14252	CT252	FLUID MECHANICS LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	14254	CT254	UNIT OPERATIONS - II LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	99262	BA262	CHEMISTRY LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	14302	CT302	CHEMICAL PROCESS CONTROL - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	14304	CT304	CHEMICAL REACTION ENGG - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	14306	CT306	COMPUTATIONAL METHODS FOR CHEMICAL ENGINEERS	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	14308	CT308	CHEMICAL PROCESS INDUSTRIES - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	14310	CT310	SAFETY, HAZARDS AND ENVIRONMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	39312	MS312	ORGANISATION BEHAVIOUR & INDUSTRIAL MANAGEMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	14352	CT352	CHEMICAL REACTION ENGG LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	14354	CT354	PROCESS CONTROL LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	14356	CT356	SEMINAR	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	14358	CT358	COMPUTATIONAL LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50





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03	99106	BA106	INORGANIC CHEMISTRY	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	99108	BA108	MATHEMATICS - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	99112	BA112	LIFE SCIENCES	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	99116	BA116	PHYSICS - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	98126	HS126	IMPACT OF SCIENCE & TECHNOLOGY ON SOCIETY	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
08	15154	IT154	ENGINEERING GRAPHICS - II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	99156	BA156	PHYSICS - II LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	99158	BA158	LIFE SCIENCES LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	99160	BA160	INORGANIC CHEMISTRY LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50





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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	14202	CT202	CHEM ENGG. THERMODYNAMICS - I	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	14204	CT204	UNIT OPERATIONS - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	14206	CT206	HEAT TRANSFER - I	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	99212	BA212	APPLIED MATHEMATICS - IV	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	99214	BA214	MATERIAL SCIENCE	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	99216	BA216	PHYSIO ORGANIC CHEMISTRY	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	14252	CT252	FLUID MECHANICS LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	14254	CT254	UNIT OPERATIONS - II LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	99262	BA262	CHEMISTRY LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50





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01	14302	CT302	CHEMICAL PROCESS CONTROL - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	14304	CT304	CHEMICAL REACTION ENGG - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	14306	CT306	COMPUTATIONAL METHODS FOR CHEMICAL ENGINEERS	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	14308	CT308	CHEMICAL PROCESS INDUSTRIES - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	14310	CT310	SAFETY, HAZARDS AND ENVIRONMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	39312	MS312	ORGANISATION BEHAVIOUR & INDUSTRIAL MANAGEMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	14352	CT352	CHEMICAL REACTION ENGG LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	14354	CT354	PROCESS CONTROL LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	14356	CT356	SEMINAR	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	14358	CT358	COMPUTATIONAL LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

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Scheme of Programme Code: 014      Programme Name: BACHELOR OF TECHNOLOGY (CHEMICAL ENGINEERING)      SchemeID: 190142004007      Sem./Year: 06 SEMESTER  
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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	14302	CT302	CHEMICAL PROCESS CONTROL - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	14304	CT304	CHEMICAL REACTION ENGG - II	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	14306	CT306	COMPUTATIONAL METHODS FOR CHEMICAL ENGINEERS	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	14308	CT308	CHEMICAL PROCESS INDUSTRIES - II	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	14310	CT310	SAFETY, HAZARDS AND ENVIRONMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	39312	MS312	ORGANISATION BEHAVIOUR & INDUSTRIAL MANAGEMENT	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	14352	CT352	CHEMICAL REACTION ENGG LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	14354	CT354	PROCESS CONTROL LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	14356	CT356	SEMINAR	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	14358	CT358	COMPUTATIONAL LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50











