

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 010      Programme Name: MASTER OF TECHNOLOGY (NANOSCIENCE & TECHNOLOGY)      SchemeID: 310102015001      Sem./Year: 03 SEMESTER  
 Institution Code: 408      Institution: UNIVERSITY SCHOOL OF BASIC & APPLIED SCIENCE

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	10201	NST201	ADVANCED NANOMATERIALS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
02	10203	NST203	SEMICONDUCTOR NANOSTRUCTURES AND NANOPARTICLES	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	10205	NST205	MOLECULAR NANOELECTRONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	10207	NST207	PHOTONICS & PLASMONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	10209	NST209	CARBON NANOTUBES & FUNCTIONALISATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	10211	NST211	COMPUTATIONAL NANOSCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	10213	NST213	IPR & NANOTECHNOLOGY	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40
08	10215	NST215	NANOCOMPOSITE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	10251	NST251	SELF STUDY-III	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
10	10253	NST253	MINOR PROJECT	5	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
11	10255	NST255	SUMMER TRAINING (VIVA-VOCE)	4	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40



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01	10201	NST201	ADVANCED NANOMATERIALS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
02	10203	NST203	SEMICONDUCTOR NANOSTRUCTURES AND NANOPARTICLES	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	10205	NST205	MOLECULAR NANOELECTRONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	10207	NST207	PHOTONICS & PLASMONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	10209	NST209	CARBON NANOTUBES & FUNCTIONALISATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	10211	NST211	COMPUTATIONAL NANOSCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	10213	NST213	IPR & NANOTECHNOLOGY	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40
08	10215	NST215	NANOCOMPOSITE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	10251	NST251	SELF STUDY-III	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
10	10253	NST253	MINOR PROJECT	5	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
11	10255	NST255	SUMMER TRAINING (VIVA-VOCE)	4	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	10101	NST101	ELEMENTS OF PHYSICS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
02	10103	NST103	ELEMENTS OF PHYSICAL CHEMISTRY	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	10105	NST105	NANOPARTICLES AND MICROORGANISMS, BIONANOCOMPOSITES	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
04	10107	NST107	ELEMENTS OF MATERIAL SCIENCE AND PROPERTIES OF NANOMATERIALS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
05	10109	NST109	NANOTECHNOLOGY & SOCIETY	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40
06	10111	NST111	LIFE SCIENCES	2	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	10113	NST113	BASIC MATHEMATICS	2	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	10151	NST151	LABORATORY - I	6	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
09	10153	NST153	SELF STUDY - I	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40

