

**DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL
(SONEPAT)**

**(A State University established under Govt. of Haryana Act. No. 29 of 2006)
Accredited "A" Grade by NAAC**

**Revised (2) Theory Date Sheet of B. Sc. (Hons) - M. Sc. Dual Degree in
Physics, Chemistry, Mathematics & Biotechnology**

June / July 2021 Examinations

Time of Exam: 10:00 AM to 12:30 PM for Morning Session (M)

Time of Exam: 01:30 PM to 04:00 PM for Evening Session (E)

4th Semester (Main & Re-appear)

Date	Course No.	Course Title	Course ID	Program	Session
30.06.2021	DPH202	Atomic and Molecular Theory	D511	PHY	M
	DCH202	Inorganic Chemistry-IV	D521	CH	M
	DBT202	Introduction to Genetics & Molecular Biology	D531	BT	M
	DMT312B	Sequences & Series	18D701	MATH	M
	MAT312H	Sequences & Series	DD341	MATH	M
04.07.2021	DPH204	Fundamentals of Nuclear and Particle Physics	D512	PHY	M
	DCH204	Organic Chemistry-IV	D522	CH	M
	DBT204	Introduction to Immunology	D532	BT	M
	DMT314B	Special Function & Integral Transform	18D702	MATH	M
	MAT314H	Special Function & Integral Transform	DD342	MATH	M
08.07.2021	DPH206	Electromagnetic Theory	D513	PHY	M
	DCH206	Physical Chemistry-IV	D523	CH	M
	DBT206	Instrumentation in Biotechnology	D533	BT	M
	DMT316B	Probability Distributions	18D703	MATH	M
	MAT316H	Probability Distributions & Numerical Methods	DD343	MATH	M
11.07.2021	DMT318B	Hydrostatics	18D704	MATH	M
	MAT318H	Hydrostatics	DD344	MATH	M
	DPH212	Physics-IV	D524	CH	M
	DCH214	Chemistry-IV	D514	BT, PHY	M
13.07.2021	DMT320B	Programming in C	18D707	MATH	M
	MAT322H	Data Structures Using C	DD346	MATH	E
	DBT208	Zoology-II	D534	BT	E
	DMT204	Mathematics-IV	D525	CH	E
	DMT202	Mathematics-IV	D515	PHY	E
15.07.2021	MAT320H	Elementary Inference	DD345	MATH	E

(5th Semester Re-appear)

Date	Course No.	Course Title	Course ID	Program	Session
30.06.2021	MAT411H	Real Analysis	EE341	MATH	E
	DMT411B	Real Analysis	18E701	MATH	E
	DPH301	Thermal Physics	E511	PHY	E
	DCH301	Inorganic Chemistry-V	E521	CH	E
	DBT301	Plant Biotechnology-I	E531	BT	E
01.07.2021	GES101	Environmental Studies	C2	MATH	M
02.07.2021	MAT413H	Group and Rings	EE342	MATH	E
	DMT413B	Group and Rings	18E702	MATH	E
	DPH303	Elements of Quantum Mechanics	E512	PHY	E
	DCH303	Organic Chemistry-V	E522	CH	E
	DBT303	Animal Biotechnology-I	E532	BT	E
04.07.2021	MAT417H	Integral Equations	EE344	MATH	E
	DMT417B	Integral Equations	18E704	MATH	E
	DPH319	Introduction to Computational Physics	E519	PHY	E
	DCH305	Physical Chemistry-V	E523	CH	E
	DBT321	Diagnostic Techniques	E533	BT	E
06.07.2021	MAT419H	Methods of Applied Mathematics	EE345	MATH	E
	DMT415B	Elementary Inference	18E703	MATH	E
	DCH315	Polymer Chemistry	E525	CH	E
	DPH313	Laser Physics	E517	PHY	E
	DBT327	IPR in Biotechnology	E536	BT	E
	DBT329	Biofertilizers and Biopesticides	E537	BT	E
08.07.2021	MAT415H	Numerical Analysis	EE343	MATH	E
	DCH353	Applied Physical Chemistry	E528	PHY	E
	MSNOE663C	Nanoscience and Nanotechnology	18CC1013	PHY, BT	E

	DPH327	Renewable Energy and Energy Harvesting	E530	CH	E
11.07.2021	MAT421H	Operations Research-I	EE346	MATH	E
	DPH315	Physics of Materials	E518	PHY	E

(6th Semester Main & Re-appear)

Date	Course No.	Course Title	Course ID	Program	Session
01.07.2021	DPH302	Statistical Mechanics	F511	PHY	M
	DCH302	Inorganic Chemistry-VI	F521	CH	M
	DMT412B/ MAT412H	Real & Complex Analysis	18F701/ FF341	MATH	M
	DBT302	Industrial Biotechnology	F531	BT	M
05.07.2021	DPH304	Condensed Matter Physics	F512	PHY	M
	DCH304	Organic Chemistry-VI	F522	CH	M
	DMT414B/ MAT414H	Linear Algebra	18F702/ FF342	MATH	M
	DBT304	Genetic Engineering-I	F532	BT	M
09.07.2021	DPH308	High Energy Physics	F514	PHY	M
	DCH306	Physical Chemistry-VI	F523	CH	M
	DMT416B/ MAT416H	Dynamics	18F703/ FF343	MATH	M
	DBT322	Medical Microbiology	F533	BT	M
	DBT324	Agricultural Biotechnology	F534	BT	M
12.07.2021	DPH310	Renewable Energy Sources	F515	PHY	M
	DCH318	Elementary Molecular Spectroscopy	F526	CH	M
	DBT330	Enzyme Biotechnology	F537	BT	M
	DMT418B/ MAT418H	Elementary Topology	18F704/ FF344	MATH	M
14.07.2021	DCH352	Pharmaceuticals, Pesticides & Perfumes	F527	PHY, BT	M
	DPH322	Radiation Physics	F519	PHY, CH	M
	DCH354	Environmental and Analytical Chemistry	F528	BT, MATH, PHY	M
	MAT420H	Fluid Dynamics	FF345	MATH	M
19.07.2021	MAT422H	Operation Research-II	FF346	MATH	M
	DPH312	Nanomaterials and Applications	F516	PHY	M

Instructions:-

1. Please read Guidelines/Instructions as per Notification issued vide No. DCRUST/Conduct/878-937 dated 03.06.2021.
2. The examinations shall be conducted in Online Proctored & Monitored Mode, students shall be allowed to appear in Offline (Conventional Mode) only if institutions are allowed to open for examinations.
3. Every candidate must collect his or her Answer Book as per instructions whether appearing online or offline. In case offline permission is accorded the candidate shall bring the answer book to the examination centre.
4. In case of online exam, candidate(s) must ensure that their computer system should be compatible with mathematical & scientific symbols including mathematical equations. The University shall not be responsible in case special scientific symbol and mathematical equations are not displayed on the computer system of the candidate(s).
5. Students have to attempt any 4 questions out of total questions given in the Question Paper irrespective of Units/Sections/Compulsory Questions.
6. Before answering the question paper, the candidates should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the examination.
7. Candidates should note the time of start of examination of each course any complaint in this regard shall not be entertained.
8. All persons associated with examination shall follow the guidelines given in Annexure-I.

(Dr. MAHABIR SINGH DHANKHAR)

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8th Semester (Main & Re-appear)

Date	Course No.	Course Title	Course ID	Program	Session
02.07.2021	DPH402	Quantum Mechanics	HH511	PHY	M
	DCH402	Group Theory (Introduction and Applications)	HH551	CH	M
	DBT402	Molecular Biology-II	HH601	BT	M
	MAT514H	Rings & Modules	HH342	MATH	M
06.07.2021	DPH404	Digital Electronics	HH512	PHY	M
	DCH404	Inorganic Chemistry Special-I (Organotransition Metal Chemistry)	HH552	CH	M
	DCH412	Organic Chemistry Special-I (Reaction Mechanism)	HH554	CH	M
	DCH420	Physical Chemistry Special-I (Statistical Thermodynamics)	HH556	CH	M
	DBT404	Enzymology and Enzyme Technology	HH602	BT	M
	MAT516H	General Topology	HH343	MATH	M
09.07.2021	PHY636C	Laser Physics	18DD1811	PHY	E
	CH652C	Medical Aspects of Inorganic Chemistry	18DD1860	BT	E
	CH656C	Semiconductors and Nanomaterials	18DD1862	PHY	E
	CH654C	Polymer Chemistry	18DD1861	BT	E
	MAT512H	Measure & Integration Theory	HH341	MATH	E
12.07.2021	DPH406	Advanced Nuclear Physics	HH513	PHY	E
	DCH406	Inorganic Chemistry Special-II (Bio-Inorganic Chemistry)	HH553	CH	E
	DCH414	Organic Chemistry Special-II (Reagents and Applications)	HH555	CH	E
	DCH422	Physical Chemistry Special-II (Atomic and Molecular Spectroscopy)	HH557	CH	E
	DBT406	Immunology-II	HH603	BT	E
	MAT518H	Complex Analysis	HH344	MATH	E
14.07.2021	DPH408	Condensed Matter Physics-II	HH514	PHY	E
	MAT520H	Mathematics for Finance & Insurance	HH345	MATH	E

9th Semester (Re-appear) B. Sc. (Hons)-M. Sc. Dual Degree in Mathematics

Date	Course No.	Course Title	Course ID	Program	Session
01.07.2021	MAT611H	Functional Analysis	II341	MATH	E
03.07.2021	MAT613H	Analysis & Design of Algorithms	II342	MATH	E
05.07.2021	MAT623H	Mechanics of Solids	II347	MATH	E
07.07.2021	MAT615H	Statistical Methods	II343	MATH	E
10.07.2021	MAT617H	Analytical Number Theory & Cryptography	II344	MATH	E

10th Semester (Main & Re-appear) B. Sc. (Hons)-M. Sc. Dual Degree in Mathematics

Date	Course No.	Course Title	Course ID	Program	Session
03.07.2021	MAT612H	Inner Product Spaces & Advanced Measure Theory	JJ341	MATH	M
07.07.2021	MAT622H	Theory of Linear Operators	JJ346	MATH	M
10.07.2021	MAT624H	Applied Mechanics of Solids	JJ347	MATH	M
13.07.2021	MAT614H	Theory of Automata	JJ342	MATH	M
15.07.2021	MAT616H	Optimization Techniques	JJ343	MATH	M

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(Dr. MAHABIR SINGH DHANKHAR)
Controller of Examinations