

# UNIVERSITY OF NORTH BENGAL

Raja Rammohunpur, Darjeeling

Accredited by NAAC with Grade B++



समानी मन्त्रः समितिः समानी

## Revised programme for the M.Sc. 2nd & 4th Semester Examination, 2023 in Computer Science

### 2nd Semester

#### Theoretical Papers

Time : 12.00 noon to 02.00 pm

Date	Paper	Name of the Papers
Wednesday the 19th July, 2023	COMPCCT0201N	: Data Structure & Algorithms
Thursday the 20th July, 2023	COMPCCT0202N	: Computer Organization & Architecture
Friday the 21st July, 2023	COMPCCT0203N	: Java Programming
Monday the 24th July 2023	COMPCCT0204N	: Operating Systems
Tuesday the 25th July 2023	COMPDET0201A	: Computer Graphics
	COMS-CT-204	: System Software and Compiler Construction (Old)
Friday the 11th August 2023	IAAMSFT0201N	: Instrumentation and Analytical Methods
Friday the 11th August 2023	ENVSSFT0201N	: Environmental Studies

(Time : 12.00 noon to 01.00 pm)

#### Practical Papers

Time : 11.00 am onwards

Date	Paper	Name of the Papers
Friday the 14th July 2023	COMPCCP0205N	: Data Structure Using C++ Lab
Monday the 17th July 2023	COMPCCP0206N	: Computer Organization & Architecture Lab
Tuesday the 18th July 2023	COMPCCP0207N	: Java Programming Lab

### 4th Semester

#### Theoretical Papers

Time : 12.00 noon to 3.00 pm

Date	Paper	Name of the Papers
Tuesday the 18th July 2023	PEC-CS401:PE41	: Parallel Computing
Wednesday the 19th July 2023	PCC-CS402	: Software Engineering
Thursday the 20th July, 2023	PCC-CS403	: Artificial Intelligence
Friday the 21st July, 2023	PEC-CS404:PE47	: Cryptography and Network Security
Monday the 24th July, 2023	PEC-CS406:PE53	: Natural Language Processing

#### Practical Papers

Time : 11.00 am onwards

Date	Paper	Name of the Papers
Friday the 14th July, 2023	LC-CS401:PE41L	: Parallel Programming Lab.
Monday the 17th July, 2023	PROJ-CS402	: Minor Project Academic Institute

Dated : Raja Rammohunpur  
The 30th June, 2023

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## Revised programme for the M.Sc.2nd & 4th Semester Examination 2023

### in Biotechnology

#### 2nd Semester

Date	Course	Course Name	Time : 11.00 am to 2.00 pm
<b>Theoretical</b>			
Tuesday the 4th July 2023	BIOTCCT0201N	Genetic Engineering	
	BIOT-CT-201	Genetic Engineering (Old)	
Friday the 14th July 2023	BIOT-CT-202	Immunology (Old)	
Saturday the 15th July 2023	BIOTCCT0202N	Immunology	
Monday the 24th July 2023	BIOTCCT0203N	Genomics, Proteomics and Bioinformatics	
	BIOT-CT-203	Bioinformatics (Old) (Time : 11.00 am to 1.00 pm)	
Wednesday the 26th July 2023	BIOTDET0201A	Organic Farming (Time : 11.00 am to 1.00 pm)	
	BIOT-CT-204	Genomics and Proteomics (Old)	(Time : 11.00 am to 1.00 pm)
Friday the 28th July 2023	BIOT-CT-206	Research Methodology and Scientific Communication Skills (Old) (Time : 11.00 am to 1.00 pm)	
Monday the 31st July 2023	BIOT-ET-208	Drug Discovery and Development (Old)	(Time : 11.00 am to 1.00 pm)
Friday the 11th August 2023	FITBSFT0201B	Fundamentals Of Information Technology-I(B): Basics	(Time : 12.00 noon to 01.00 pm)

Date	Course	Course Name	Time : 11.00 am to 05.00 pm
<b>Practical</b>			
Monday the 17th July 2023 & Tuesday the 18th July 2023	BIOTCCP0204N	Laboratory III: Molecular Biology, Molecular Immunology and Genetic Engineering	
Wednesday the 19th July 2023 & Thursday the 20th July 2023	BIOTCCP0205N	Laboratory IV: Bioinformatics	

#### 4th Semester

Date	Course	Course Name	Time
Saturday the 15th July 2023	BIOT-ET-405	Environmental Biotechnology	11.00 am to 1.00 pm
Saturday the 15th July 2023	BIOT-ET-406	Microbial Technology	11.00 am to 1.00 pm
Friday the 21st July 2023	BIOT-CP-401	Dissertation	11.00 am to 5.00 pm

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## Revised programme for the M.Sc. 2nd & 4th Semester Examination, 2023 in Physics

### 2nd Semester

Theoretical	Time : 11.00 am -02.00 pm (New) and 11.00 am - 1.30 pm (Old)	
Date	Paper	Name of Papers
Friday the 21st July 2023	PHYS-CT-205	Comprehensive Course - I (Old)
Friday the 28th July 2023	PHYSCT0201N	Classical Electrodynamics
	PHYS-CT-201	Electrodynamics and Plasma Physics (Old)
Tuesday the 1st August 2023	PHYSCT0202N	Statistical Mechanics
	PHYS-CT-202	Statistical Mechanics (Old)
Thursday the 3rd August 2023	PHYSCT0203N	Quantum Mechanics I
	PHYS-CT-203	Quantum Mechanics - I (Old)
Friday the 11th August 2023	IAAMSFT0201N	Instrumentation and Analytical Methods
	ENVSSFT0201N	Environmental Studies

(Time : 12.00 noon to 01.00 pm)

Practical Examinations	Time : 11.30 am to 4.00pm	
Date	Paper	Name of Papers
Monday the 17th July 2023 to Saturday the 22nd July 2023	PHYSCCP0204N	Computational Methods in Physics - II and Computational Methods in Physics - II

### 4th Semester

Theoretical	Time : 11.00 am to 1.30 pm	
Date	Paper	Name of Papers
Friday the 14th July 2023	PHYS-CT-405	Comprehensive Course - II [Time : 11.00 am to 02.00 pm]
Monday the 31st July 2023	PHYS-CT-401	Astrophysics & Cosmology
Wednesday the 2nd August 2023	PHYS-ET-402	Elective Paper I [A/B/C]
Friday the 4th August 2023	PHYS-ET-403	Elective Paper - II [A/B/C]

Practical Examinations	Time : 11.00 am to 05.30 pm	
Date	Paper	Name of Papers
Monday the 17th July 2023 to Thursday the 20th July 2023	PHYS-CP-406	Comprehensive Viva-voce - II
Monday the 24th July 2023 to Thursday the 27th July 2023	PHYS-CP-404	Laboratory Course - III

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## Revised rogramme for the M.A. 2nd & 4th Semester Examination, 2023 in Philosophy

### 2nd Semester

#### Theoretical

Date	Couse	Time
Tuesday the 4th July 2023	PHILCCT0201N : Indian Logic	11.00 am to 1.00 pm
Wednesday the 5th July 2023	PHIL-CT-201 : Indian Epistemology (Old)	11.00 am to 1.00 pm
Friday the 14th July 2023	PHILCCT0202N : Western Logic	11.00 am to 1.00 pm
	PHIL-CT-202 : Western Epistemology (Old)	11.00 am to 1.00 pm
Monday the 17th July 2023	PHILCCT0203N : Indian Ethics	11.00 am to 1.00 pm
Tuesday the 18th July 2023	PHIL-CT-203 : Indian Metaphysics (Old)	11.00 am to 1.00 pm
Wednesday the 19th July 2023	PHILCCT0204N : Western Ethics	11.00 am to 1.00 pm
Thursday the 20th July 2023	PHIL-CT-204 : Western Metaphysics (Old)	11.00 am to 1.00 pm
Friday the 21st July 2023	PHILCCT0205N : Philosophy of Religion	11.00 am to 1.00 pm
	PHIL-CT-205 : Analytic Philosophy	11.00 am to 1.00 pm
Monday the 24th July 2023	PHILCCT0206N : Modern Indian Thought	11.00 am to 1.00 pm
	PHIL-CT-206 : Philosophy of Kant	11.00 am to 1.00 pm
Friday the 11th August 2023	FITASFT0201A : Fundamentals Of Information Technology-I(A): Basics	12.00 noon to 01.00 pm

### 4th Semester

#### Theoretical

Date	Couse	Time
Tuesday the 4th July 2023	PHIL-ET-401 : Existentialism	2.00 pm to 4.00 pm
Wednesday the 5th July 2023	PHIL-ET-403 : Marxism	2.00 pm to 4.00 pm
Friday the 14th July 2023	PHIL-ET-404 : Philosophical Logic	2.00 pm to 4.00 pm
Monday the 17th July 2023	PHIL-ET-406 : Contemporary Analytical Metaphysics	2.00 pm to 4.00 pm
Tuesday the 18th July 2023	PHIL-ET-407 : The Philosophy of Language (Indian)-II	2.00 pm to 4.00 pm
Wednesday the 19th July 2023	PHIL-ET-410 : Ancient Indian Political Thought	2.00 pm to 4.00 pm
Thursday the 20th July 2023	PHIL-ET-411 : Philosophy of Human Rights	2.00 pm to 4.00 pm
Friday the 21st July 2023	PHIL-ET-412 : Applied Ethics - II	2.00 pm to 4.00 pm
Monday the 24th July 2023	PHIL-ET-414 : Aesthetics - II (Western)	2.00 pm to 4.00 pm
Tuesday the 25th July 2023	PHIL-ET-419 : Modern Indian Thought - II	2.00 pm to 4.00 pm
Thursday the 27th July 2023	Viva-voce [Roll No. : 219993190941-219993190977]	11.00 am onwards
Friday the 28th July 2023	Viva-voce [Roll No. : 219993190978-20999301007]	11.00 am onwards

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## Revised Programme for the M.A. 2nd and 4th Semester Examination, 2023 in Economics

### 2nd Semester

Time : 12.00 noon - 03.00 pm

Date	Course
Tuesday the 4th July 2023	ECONCCT0201A&B : Economics Theory II ECON-CT-201 : Micro Economic Analysis - II (Old)
Friday the 14th July 2023	ECONCCT0202A&B : Quantitative Economics II ECON-CT-202 : Macro Economic Analysis - II (Old)
Tuesday the 18th July 2023	ECONCCT0203A&B : Public Economics ECON-CT-206 : Public Economics - II (Old)
Tuesday the 19th July 2023	ECONDEP0201B : Data Analysis and Application II
Thursday the 20th July 2023	ECONDEP0201A : Term Paper ECON-CT-203 : Quantitative Methods - II (Old)
Wednesday the 26th July 2023	ECON-CT-204 : Basic Econometrics - II (Old)
Tuesday the 1st August 2023	ECON-CT-205 : History of Economic Ideas - II (Old)
Friday the 11th August 2023	FITASFT0201A : Fundamentals of Information Technology-I(A): Basics

(Time : 12.00 noon to 01.00 pm)

### 4th Semester

Time : 12.00 noon - 02.00 pm

Date	Course
Wednesday the 5th July 2023	ECON-CT-401 : Economic Growth and Globalisation - II
Saturday the 15th July 2023	ECON-ET-405A : Natural Resource and Environmental Economics - IIA
Monday the 17th July 2023	ECON-ET-405B : Natural Resource and Environmental Economics - IIB
Wednesday the 19th July 2023	ECON-ET-403B : Agricultural Economics - IIB
Friday the 21st July 2023	ECON-ET-403A : Agricultural Economics - IIA
Monday the 24th July 2023	ECON-ET-407A : Demography & Population Studies -IIA
Tuesday the 25th July 2023	ECON-ET-407B : Demography & Population Studies -IIB
Thursday the 27th July 2023	ECON-ET-406A : Advanced Econometrics - IIA
Friday the 28th July 2023	ECON-CP-408 : Viva-voce and Term Paper
Saturday the 29th July 2023	ECON-CP-408 : Viva-voce and Term Paper
Monday the 31st July 2023	ECON-ET-406B : Advanced Econometrics - IIB
Wednesday the 2nd August 2023	ECON-CT-402 : Economics of Development & Infrastructural Policies - II
Friday the 4th August 2023	ECON-ET-404A : Advanced International Economics - IIA
Monday the 7th August 2023	ECON-ET-404B : Advanced International Economics - IIB

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## Revised programme for the M.A. 2nd & 4th Semester Examination, 2023 in Bengali

### 2nd Semester

Time: 2.00 pm to 4.00 pm

Date	Course
Friday the 14th July 2023	BANGCCT0201N : Gadya BANG-CT-201 : Bhashabijan (Old)
Monday the 17th July 2023	BANGCCT0202N : Prabandha : Pratham Parjay BANG-CT-202 : Gadya (Old)
Wednesday the 19th July 2023	BANGCCT0203N : Kabya-Kabita : Pratham Parjay BANG-CT-203 : Kavya-Kavita (Old)
Friday the 21st July 2023	BANGCCT0204N : Natak : Pratham Parjay BANG-CT-204 : Natak (Old)
Monday the 24th July 2023	BANGCCT0205N : Upanyas BANG-CT-205 : Upanyas (Old)
Wednesday the 26th July 2023	BANGCCT0206N : Chhotogolpo BANG-CT-206 : Prabandha (Old)
Friday the 11th August 2023	FITASFT0201A : Fundamentals of Information Technology-I(A): Basics

(12.00 noon to 01.00 pm)

### 4th Semester

Time: 11.00 am to 1.00 pm

Date	Course	1	2	3	4
Friday the 14th July 2023	BANG-CT-401A	BANG-CT-401B	BANG-CT-401C	BANG-CT-401D	
Monday the 17th July 2023	BANG-CT-402A	BANG-CT-402B	BANG-CT-402C	BANG-CT-402D	
Wednesday the 19th July 2023	BANG-CT-403A	BANG-CT-403B	BANG-CT-403C	BANG-CT-403D	
Friday the 21st July 2023	BANG-CT-404A	BANG-CT-404B	BANG-CT-404C	BANG-CT-404D	
Monday the 24th July 2023	BANG-CT-405A	BANG-CT-405B	BANG-CT-405C	BANG-CT-405D	
Wednesday the 26th July 2023	BANG-CT-406A	BANG-CT-406B	BANG-CT-406C	BANG-CT-406D	

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## Revised programme for the M.A. 2nd and 4th Semester Examination, 2023 in Political Science

### 2nd Semester

Date	Course	Time
Tuesday the 4th July 2023	POLSCCT0201N : Key Concepts in Political Analysis	12.00 noon to 03.00 pm
	POLS-CT-201 : Constitutional Process in India (Old)	12.00 noon to 03.00 pm
Monday the 17th July 2023	POLSCCT0202N : Constitutional Process in India	12.00 noon to 02.00 pm
	POLS-CT-202 : Approaches to the Study of International relations (Old)	12.00 noon to 03.00 pm
Thursday the 20th July 2023	POLSCCT0203N : Major Issues in Indian Politics	12.00 noon to 02.00 pm
	POLS-CT-203 : Indian Administration (Developmental Perspective) (Old)	12.00 noon to 03.00 pm
Saturday the 22nd July 2023	POLSCCT0204N : International Relations:Theories & Approaches	12.00 noon to 03.00 pm
	POLS-ET-205 : Indian Political Thought (Old)	12.00 noon to 03.00 pm
	POLS-ET-206 : Major Issues in Indian Politics (Old)	12.00 noon to 03.00 pm
Tuesday the 25th July 2023	POLSDET0201A : Introduction to Doing Research	12.00 noon to 02.00 pm
Friday the 11th August 2023	FITASFT0201A : Fundamentals Of Information Technology-I(A): Basics	12.00 noon to 01.00 pm

### 4th Semester

Time : 12.00 noon to 03.00 pm

Date	Course
Friday the 14th July 2023	POLS-CT-401 : Research Methodology
Wednesday the 19th July 2023	POLS-ET-403 : Foreign Policy of Major Powers
	POLS-ET-404 : Administrative Theory
Friday the 21st July 2023	POLS-ET-407 : Peace and Conflict Resolution
	POLS-ET-409 : State and Sub-state politics in India
Monday the 24th July 2023	POLS-ET-410 : Political Ideologies
	POLS-ET-412 : Comparative Public Administration
	POLS-ET-413 : Issues & Movements in India
Wednesday the 26th July 2023	POLS-ET-416 : Personnel and Financial Administration
	POLS-ET-417 : Political Economy in India

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