# ANNAMALAIUNIVERSITY

## M.Sc. DEGREE EXAMINATIONS – MAY 2023

FIVE YEAR INTEGRATED POST GRADUATE DEGREE PROGRAMMES

### TIME - TABLE

# (CANDIDATE JOINED DURING 2002 - 2008, MARKS: 60+40)

# MATHEMATICS WITH COMPUTER APPLICATIONS

(UNDER CREDIT BASED SYSTEM)

### FIRST SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC11	Tamil – I (Cheyyulum Urainadaiyum)
15/06/2023	Thursday	AN	IHIC11	Hindi – I
			IFRC11	French – I
16/06/2023	Friday	AN	IENC12	English – I Basic English skills
17/06/2023	Saturday	AN	ICEC13	Civics, Environmental & Health Sciences
19/06/2023	Monday	AN	IMAT14	Algebra & Trigonometry

## SECOND SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC21	Tamil – II Payanpattu Tamil
15/06/2023	Thursday	FN	IHIC21	Hindi – II
			IFRC21	French – II
16/06/2023	Friday	FN	IENC22	English – II Technical & Communicative English
17/06/2023	Saturday	FN	ICAC23	Computer Applications – I
19/06/2023	Monday	FN	IMAT24	Calculus

#### THIRD SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	FN	ICAC31	Computer Applications – II
05/07/2023	Wednesday	FN	IMAT32	Discrete Mathematics
06/07/2023	Thursday	FN	IMAT33	Numerical Methods
07/07/2023	Friday	FN	IMAT34	Physics

#### FOURTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	FN	IMAT41	Vector Calculus & Solid Geometry
07/06/2023	Wednesday	FN	IMAT42	Statistics
08/06/2023	Thursday	FN	IMAT43	Programming Language 'C'
09/06/2023	Friday	FN	IMAT44	Differential Equations

#### FIFTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	AN	IMAT51	Algebra
24/06/2023	Saturday	AN	IMAT52	Real Analysis
27/06/2023	Tuesday	AN	IMAT53	Statics

#### SIXTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	AN	IMAT61	Abstract Algebra
07/06/2023	Wednesday	AN	IMAT62	Complex Analysis
08/06/2023	Thursday	AN	IMAT63	Mathematical Programming
09/06/2023	Friday	AN	IMAT64	Dynamics

### SEVENTH SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	AN	IMAT71	Advanced Algebra
05/07/2023	Wednesday	AN	IMAT72	Advanced Real Analysis
06/07/2023	Thursday	AN	IMAT73	Differential Geometry (OR/NR)
07/07/2023	Friday	AN	IMAT74	Advanced Differential Equations

#### EIGHTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	FN	IMAT81	Measure Theory
30/05/2023	Tuesday	FN	IMAT82	Advanced Complex Analysis
31/05/2023	Wednesday	FN	IMAT83	Probability Theory
01/06/2023	Thursday	FN	IMAT84	Programming Language C++

#### NINTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	FN	*****	*****
24/06/2023	Saturday	FN	*****	*****
27/06/2023	Tuesday	FN	IMAT91	Topology
28/06/2023	Wednesday	FN	IMAT92	Mechanics & Tensor Analysis
30/06/2023	Friday	FN	IMAT93	Graph Theory
01/07/2023	Saturday	FN	IMAT94	Stochastic Processes

#### TENTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	AN	IMAT101	Functional Analysis
30/05/2023	Tuesday	AN	IMAT102	Number Theory
31/05/2023	Wednesday	AN	IMAT103	Graph Algorithms

Ses - Session FN: 09.30 a.m - 12.30 p.m. AN: 02.00 p.m - 05.00 p.m.

> H. D.L. Dr. M. Prakash, Ph.D., Controller of Examinations

Annamalainagar 18/05/2023

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VENUE

PHYSICAL EDUCATION DEPARTMENT (NEAR MUSIC COLLEGE BACK SIDE)

MOBILE PHONE NOT ALLOWED INSIDE THE EXAMINATION HALL Time Table and Hall Ticket can be downloaded from the University website www.annamalaiuniversity.ac.in

# ANNAMALAI UNIVERSITY

# M.Sc. DEGREE EXAMINATIONS – MAY 2023

FIVE YEAR INTEGRATED POST GRADUATE DEGREE PROGRAMMES

### TIME – TABLE

# (CANDIDATE JOINED DURING 2002 - 2008, MARKS: 60+40)

# CHEMISTRY

### (UNDER CREDIT BASED SYSTEM)

### FIRST SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC11	Tamil – I (Cheyyulum Urainadaiyum)
15/06/2023	Thursday	AN	IHIC11	Hindi – I
			IFRC11	French – I
16/06/2023	Friday	AN	IENC12	English – I Basic English skills
17/06/2023	Saturday	AN	ICEC13	Civics, Environmental & Health Sciences
19/06/2023	Monday	AN	ICHT14	Inorganic, Organic & Physical Chemistry - I

#### SECOND SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC21	Tamil – II Payanpattu Tamil
15/06/2023	Thursday	FN	IHIC21	Hindi – II
			IFRC21	French – II
16/06/2023	Friday	FN	IENC22	English – II Technical & Communicative English
17/06/2023	Saturday	FN	ICAC23	Computer Applications – I
19/06/2023	Monday	FN	ICHT24	Inorganic, Organic & Physical Chemistry – II

### THIRD SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	FN	ICAC31	Computer Applications – II
05/07/2023	Wednesday	FN	ICHT32	A) Mathematics – I B) Biology – I AnimalScience
06/07/2023	Thursday	FN	ICHT33	Physics – I
07/07/2023	Friday	FN	ICHT34	Inorganic, Organic & Physical Chemistry – III

# FOURTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	FN	ICHT42	A) Mathematics – II B) Biology – II Plant Science
07/06/2023	Wednesday	FN	ICHT41	Inorganic, Organic & Physical Chemistry – IV
08/06/2023	Thursday	FN	ICHT43	Physics – II

### FIFTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	AN	ICHT51	Inorganic Chemistry – I
24/06/2023	Saturday	AN	ICHT52	Organic Chemistry – I
27/06/2023	Tuesday	AN	ICHT53	Physical Chemistry – I

### SIXTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	AN	ICHT61	Inorganic Chemistry – II
07/06/2023	Wednesday	AN	ICHT62	Organic Chemistry – II
08/06/2023	Thursday	AN	ICHT63	Physical Chemistry – II

#### SEVENTH SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	AN	ICHT71	Inorganic Chemistry – III
05/07/2023	Wednesday	AN	ICHT72	Organic Chemistry – III
06/07/2023	Thursday	AN	ICHT73	Physical Chemistry – III

# EIGHTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	FN	ICHT81	Inorganic Chemistry – IV
30/05/2023	Tuesday	FN	ICHT82	Organic Chemistry - IV
31/05/2023	Wednesday	FN	ICHT83	Physical Chemistry – IV

### NINTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	FN	*****	*****
24/06/2023	Saturday	FN	*****	*****
27/06/2023	Tuesday	FN	ICHT91	InOrganic Chemistry – V
28/06/2023	Wednesday	FN	ICHT92	Spectroscopy & Spectrometry
30/06/2023	Friday	FN	ICHT93	Physical Chemistry - V

## TENTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	AN	ICHT101	Organic Chemistry – V
30/05/2023	Tuesday	AN	ICHT102	Analytical Techniques
31/05/2023	Wednesday	AN	ICHT103	Applied Chemistry

Ses - Session FN: 09.30 a.m - 12.30 p.m. AN: 02.00 p.m - 05.00 p.m.

Annamalainagar **18/05/2023** 

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#### VENUE

### PHYSICAL EDUCATION DEPARTMENT (NEAR MUSIC COLLEGE BACK SIDE)

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Dr. M. Prakash, Ph.D., Controller of Examinations

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### TIME – TABLE

# (CANDIDATE JOINED DURING 2002 - 2008, MARKS: 60+40)

# BIOTECHNOLOGY

(UNDER CREDIT BASED SYSTEM)

### FIRST SEMESTER

Date	Day	Ses	Code	Subject Title
		ITAC11	Tamil – I (Cheyyulum Urainadaiyum)	
15/06/2023	Thursday	AN	IHIC11	Hindi – I
			IFRC11	French – I
16/06/2023	Friday	AN	IENC12	English – I Basic English skills
17/06/2023	Saturday	AN	ICEC13	Civics, Environmental & Health Sciences
19/06/2023	Monday	AN	IBTT14	BioOrganic Chemistry

#### SECOND SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC21	Tamil – II Payanpattu Tamil
15/06/2023	Thursday	FN	IHIC21	Hindi – II
			IFRC21	French – II
16/06/2023	Friday	FN	IENC22	English – II Technical &Communicative English
17/06/2023	Saturday	FN	ICAC23	Computer Applications – I
19/06/2023	Monday	FN	IBTT24	Biomolecules

# THIRD SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	FN	ICAC31	Computer Applications – II
05/07/2023	Wednesday	FN	IBTT33	Animal Science
06/07/2023	Thursday	FN	IBTT32	Plant Science
07/07/2023	Friday	FN	IBTT34	Biophysical Chemistry

### FOURTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	FN	IBTT41	Proteins & Nucleic Acids
07/06/2023	Wednesday	FN	IBTT42	Analytical Techniques
08/06/2023	Thursday	FN	IBTT43	Enzyme Technology

# FIFTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	AN	IBTT51	Metabolism & Regulation
24/06/2023	Saturday	AN	IBTT52	Molecular Cell Biology
27/06/2023	Tuesday	AN	IBTT53	Microbiology
28/06/2023	Wednesday	AN	IBTT54	Biostatistics

### SIXTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	AN	IBTT61	Molecular Biology – I
07/06/2023	Wednesday	AN	IBTT62	Immunology &Immunotechnology
08/06/2023	Thursday	AN	IBTT63	Food Technology

### SEVENTH SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	AN	IBTT71	Molecular Biology – II
05/07/2023	Wednesday	AN	IBTT72	Bioprocess Engineering & Downstream Processing
06/07/2023	Thursday	AN	IBTT73	Environmental Biotechnology
07/07/2023	Friday	AN	IBTT74	Marine Biotechnology

# EIGHTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	FN	IBTT81	Genetic Engineering
30/05/2023	Tuesday	FN	IBTT82	Plant Biotechnology
31/05/2023	Wednesday	FN	IBTT83	AnimalBiotechnology

#### NINTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	FN	****	******
24/06/2023	Saturday	FN	*****	*****
27/06/2023	Tuesday	FN	IBTT91	Genomics
28/06/2023	Wednesday	FN	IBTT92	Proteomics
30/06/2023	Friday	FN	IBTT93	Bioinformatics
01/07/2023	Saturday	FN	IBTT94	Drug design & drug action

#### **TENTH SEMESTER**

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	AN	IBTT101	Medical Biotechnology

Ses - Session FN: 09.30 a.m - 12.30 p.m. AN: 02.00 p.m - 05.00 p.m.

Annamalainagar **18/05/2023** 

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TIME – TABLE

# (CANDIDATE JOINED DURING 2002 - 2008, MARKS: 60+40)

# MICROBIOLOGY

(UNDER CREDIT BASED SYSTEM)

### FIRST SEMESTER

Date	Day	Ses	Code	Subject Title
			ITAC11	Tamil – I (Cheyyulum Urainadaiyum)
15/06/2023	Thursday	AN	IHIC11	Hindi – I
			IFRC11	French – I
16/06/2023	Friday	AN	IENC12	English – I Basic English skills
17/06/2023	Saturday	AN	ICEC13	Civics, Environmental & Health Sciences
19/06/2023	Monday	AN	IMBT14	General Microbiology

#### SECOND SEMESTER

Date	Day	Ses	Code	Subject Title
	Thursday FN		ITAC21	Tamil – II Payanpattu Tamil
15/06/2023		FN	IHIC21	Hindi – II
			IFRC21	French – II
16/06/2023	Friday	FN	IENC22	English – II Technical & Communicative English
17/06/2023	Saturday	FN	ICAC23	Computer Applications – I
19/06/2023	Monday	FN	IMBT24	General Biochemistry

### THIRD SEMESTER

	Date	Day	Ses	Code	Subject Title
ſ	04/07/2023	Tuesday	FN	ICAC31	Computer Applications – II
	05/07/2023	Wednesday	FN	IMBT32	Morphology, Cytology & Growth of Microorganism
	06/07/2023	Thursday	FN	IMBT33	Taxonomy of Microorganism

#### FOURTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	FN	IMBT41	Cell Biology, Cell & Tissue Culture
07/06/2023	Wednesday	FN	IMBT42	Microbial Physiology & Metabolism
08/06/2023	Thursday	FN	IMBT43	Microbial Genetics

#### FIFTH SEMESTER

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	AN	IMBT51	Molecular Biology
24/06/2023	Saturday	AN	IMBT52	Virology
27/06/2023	Tuesday	AN	IMBT53	Biostatistics

#### SIXTH SEMESTER

Date	Day	Ses	Code	Subject Title
06/06/2023	Tuesday	AN	IMBT61	Microbial Ecology & Biodiversity
07/06/2023	Wednesday	AN	IMBT62	Water & Textile Microbiology
08/06/2023	Thursday	AN	IMBT63	Environmental Microbiology
09/06/2023	Friday	AN	IMBT64	Bioenergy

#### SEVENTH SEMESTER

Date	Day	Ses	Code	Subject Title
04/07/2023	Tuesday	AN	IMBT71	Immunology
05/07/2023	Wednesday	AN	IMBT72	Medical Microbiology
06/07/2023	Thursday	AN	IMBT73	Enzymology & Food Microbiology

### EIGHTH SEMESTER

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	FN	IMBT81	Genetic Engineering
30/05/2023	Tuesday	FN	IMBT82	Diary Microbiology
31/05/2023	Wednesday	FN	IMBT83	Veterinary Microbiology

#### NINTH SEMESTER(Old Regulation)

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	FN	*****	*****
24/06/2023	Saturday	FN	*****	*****
27/06/2023	Tuesday	FN	IMBT91	Agricultural Microbiology
28/06/2023	Wednesday	FN	IMBT92	Soil Microbiology
30/06/2023	Friday	FN	IMBT93	Bioinformatics

### NINTH SEMESTER(New Regulation)

Date	Day	Ses	Code	Subject Title
23/06/2023	Friday	FN	*****	*****
24/06/2023	Saturday	FN	*****	*****
27/06/2023	Tuesday	FN	IMBT91	Agricultural Microbiology
28/06/2023	Wednesday	FN	IMBT92	Soil Microbiology
30/06/2023	Friday	FN	IMBT94	Bioinformatics
01/07/2023	Saturday	FN	IMBT93	Microbial Biotechnology

#### **TENTH SEMESTER (Old Regulation)**

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	AN	IMBT103	Industrial Microbiology
30/05/2023	Tuesday	AN	IMBT102	Bio – Energy
31/05/2023	Wednesday	AN	IMBT101	Microbial Biotechnology

### **TENTH SEMESTER**(New Regulation)

Date	Day	Ses	Code	Subject Title
29/05/2023	Monday	AN	IMBT101	Industrial Microbiology

Ses - Session

FN: 09.30 a.m - 12.30 p.m. AN: 02.00 p.m - 05.00 p.m.

> M. D.L. Dr. M. Prakash, Ph.D., Controller of Examinations

Annamalainagar **18/05/2023** 

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