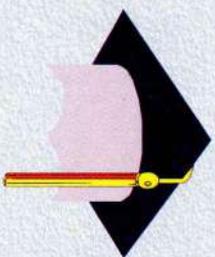




SASTRA
ENGINEERING • MANAGEMENT • LAW • SCIENCES • HUMANITIES • EDUCATION
DEEMED TO BE UNIVERSITY
(U/S 3 OF THE UGC ACT, 1956)

THANJAVUR - 613 401, TAMIL NADU, INDIA.



PROVISIONAL CERTIFICATE

Reg. No. : 123010063

Serial No. : T063404

Certified that **Karishma C** has qualified for the degree of **Bachelor of Technology** in **Biotechnology**, she having passed the final examination held in **May - 2023**. She has secured a CGPA of **7.6114** and placed in **First Class**.

Place : SASTRA, THANJAVUR.

G. D. H. K.

Date : 05-07-2023

Controller of Examinations



S116727

Sl. No. :



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DEEMED TO BE UNIVERSITY

Thanjavur - 613 401, Tamil Nadu, India.

Grade Sheet

M.Tech. Degree Examinations

Reg. No. : 125050005

Dec 2023

Programme : M.Tech. - Industrial Biotechnology

Name of the Candidate : **Karishma C**

Course Code	Name of the Course	Semester	Credit	Grade
BIT501	BIOPROCESS ENGINEERING	1	4	A
BIT502	BIOPROCESS CONTROL & INSTRUMENTATION	1	4	A+
BIT503	RECOMBINANT DNA TECHNOLOGY	1	4	A
BIT504	INDUSTRIAL MICROBIOLOGY	1	4	A
BIT505	INDUSTRIAL MICROBIOLOGY LABORATORY	1	1	A+
BIT517	INTRODUCTION TO PHARMACEUTICAL TECHNOLOGY	1	4	A
TNP101	SOFT SKILLS - I	1	1	A+

SGPA : 8.2727

CGPA : 8.2727



G. S. K.

Controller of Examinations

Sl. No. : **S120581**

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 (1996) OF THE UGC ACT, 1956

Thanjavur - 613 401, Tamil Nadu, India.

Grade Sheet

M.Tech. Degree Examinations

Reg. No. : **125050005**

May 2024

Programme : **M.Tech.-Industrial Biotechnology**Name of the Candidate : **Karishma C**

Course Code	Name of the Course	Semester	Credit	Grade
BIT601	BIOREACTOR DESIGN & ANALYSIS	2	4	A+
BIT506	CONTINUUM ANALYSIS OF BIOLOGICAL SYSTEMS	2	4	A+
MAT544	BIOSTATISTICS & DESIGN OF EXPERIMENTS	2	4	A+
BIT507	BIOREACTOR ENGINEERING LABORATORY	2	1	A+
MAN106	RESEARCH METHODOLOGY & I P R	2	2	A+
BIT399	SEMINAR	2	1	A+
TNP102	SOFT SKILLS-II	2	1	S
BIT516	BIOPROSPECTING	2	4	A
OEE008	MANAGEMENT OF RESEARCH & DEVELOPMENT	2	3	A

SGPA : **8.7500**CGPA : **8.5217**

G. S. K.

Controller of Examinations

Sl. No. : S124743



SASTRA
 ENGINEERING • MANAGEMENT • LAW • SCIENCES • HUMANITIES • EDUCATION
 DEEMED TO BE UNIVERSITY

Thanjavur - 613 401, Tamil Nadu, India.

Grade Sheet

M.Tech. Degree Examinations

Reg. No. : 125050005 ✓

Nov 2024

Programme : M.Tech.-Industrial Biotechnology

Name of the Candidate : Karishma C ✓

Course Code	Name of the Course	Semester	Credit	Grade
BIT508	BIOSEPARATION ENGINEERING	3	4	A
BIT603	PLANT DESIGN & INDUSTRIAL PRACTICE	3	4	A+
BIT510	PRODUCT QUALITY MANAGEMENT	3	4	A
BIT509	BIOSEPARATION ENGINEERING LABORATORY	3	1	A+
BIT602	MOLECULAR BIOLOGY & GENETIC ENGINEERING LABORATORY	3	1	S
MAN107	DIGITAL PEDAGOGY & COLLABORATIVE LEARNING	3	2	A+
BIT599	PROJECT PHASE - I	3	3	A
BIE409	BIONANOTECHNOLOGY	3	4	C
BIT598	SUMMER PROJECT	3	3	S
MSWY013	INDUSTRIAL SAFETY ENGINEERING	3	3	C

SGPA : 8.0345 ✓

CGPA : 8.3333 ✓



G. Dhk
 Controller of Examinations

TRANSCRIPT

Name : Miss. Karishma C
Reg. No. : 123010063
Programme : B.Tech. - Biotechnology
Period of study : June 2019 to December 2022

Course Code	Name of the Course	Credit	Grade
Semester-1			
BIT101R01	BIOLOGY FOR ENGINEERS	2	B
MAT101	ENGINEERING MATHEMATICS - I	4	S
CSE101	PROBLEM SOLVING & PROGRAMMING IN C	4	A
EIE101	BASIC ELECTRICAL ENGINEERING	3	D
CHY101	ENGINEERING CHEMISTRY	4	C
MEC101	BASIC MECHANICAL ENGINEERING	3	A
CIV103	ENGINEERING GRAPHICS	3	A+
Semester-2			
CIV101	BASIC CIVIL ENGINEERING	3	C
CIV102	ENGINEERING MECHANICS	3	A
CSE201	OBJECT ORIENTED PROGRAMMING IN C++	4	A
EEE101	BASIC ELECTRICAL ENGINEERING	3	C
ENG101R01	TECHNICAL COMMUNICATION	2	A+
MAT102	ENGINEERING MATHEMATICS - II	4	A
MEC102	INTRODUCTION TO ENGINEERING DESIGN	2	A
PHY101R01	ENGINEERING PHYSICS	4	A
Semester-3			
MAT201R01	ENGINEERING MATHEMATICS - III	4	D
BIT102	INTRODUCTION TO BIOTECHNOLOGY	1	A+
BIT103	CELL BIOLOGY	3	B
BIT104R01	BIOCHEMISTRY	4	C
BIT105R01	BIOCHEMISTRY LABORATORY	1	P
BIT106	MICROBIOLOGY	4	A
BIT107	MICROBIOLOGY LABORATORY	1	P
CHE108	BIOPROCESS CALCULATIONS	3	A
CHY206	ANALYTICAL TECHNIQUES FOR BIOTECHNOLOGY	3	C
Semester-4			
CHE105	FLUID MECHANICS FOR PROCESS ENGINEERS	4	C
MAT301R01	ENGINEERING MATHEMATICS - IV	4	A
BIT202	MOLECULAR BIOLOGY & GENETICS LABORATORY	1	P
CHE106	FLUID MECHANICS LABORATORY	1	P
CHE109	CHEMICAL ENGINEERING THERMODYNAMICS	4	B
CHE217	BIOCHEMICAL REACTION ENGINEERING	3	A+
BIT201	MOLECULAR BIOLOGY & GENETICS	4	A+
Semester-5			
BIN102	BASIC BIOINFORMATICS	4	A
BIT301	BIOPROCESS ENGINEERING - I	3	B
BIT302	GENETIC ENGINEERING	4	A
BIT303	GENETIC ENGINEERING LABORATORY	1	P
CHE218	HEAT TRANSFER	3	B
CHE219	MASS TRANSFER	4	A+

MAT306	PROBABILITY & BIostatISTICS	4	S
STP101	DEVELOPING SOFT SKILLS AND PERSONALITY	1	C
Semester-6			
BIE209	IMMUNOLOGY LABORATORY	3	A+
BIE217	VASCULAR BIOLOGY	3	C
BIE221	FUNDAMENTALS OF STEM CELL BIOLOGY	3	B
BIE222	INTRODUCTION TO IMMUNOLOGY	3	B
BIT304	BIOPROCESS ENGINEERING-II	4	A
BIT305	DOWNSTREAM PROCESSING	4	A
BIT306	DOWNSTREAM PROCESSING LABORATORY	1	S
STP104	SOFT SKILL DEVELOPMENT	1	C
Semester-7			
BIE307	RECOMBINANT DNA TECHNOLOGY IN MEDICINE	3	C
BIT203	PLANT & ANIMAL BIOTECHNOLOGY	4	B
BIT300	MINI PROJECT	2	A+
BIT307	BIOPROCESS TECHNOLOGY	3	B
BIT308	BIOPROCESS ENGINEERING LABORATORY	1	A
BIT319	ENVIRONMENTAL BIOTECHNOLOGY	3	B
BIT398	DESIGN & SIMULATION PROJECT	2	A
CHE317	EQUIPMENT DESIGN	3	B

P : Pass grade (Not included in CGPA calculations)

She has secured a CGPA of **7.5098** up to 7th semester.

Certified that Miss.Karishma C has scored the grades in the courses as given above. It was personally verified by me.

The grading system followed in SASTRA is given overleaf.

SASTRA, THANJAVUR
Date : 09-03-2023

G.ohk
Controller of Examinations

