



ANNA UNIVERSITY, CHENNAI - 25
M.Tech. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



K117107091429A

Folio No. AUO2428207

NAME OF THE CANDIDATE	KARTHICK A			REGISTER NO.	920418509009
DATE OF BIRTH	09-DEC-1996	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	APR 2020
COLLEGE OF STUDY	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY			REGULATIONS	2017
PROGRAMME & SPECIALIZATION	M.Tech. Biotechnology				

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	BY5101	Advanced Genetic Engineering	3	B+	7	DEC 2018
01	BY5102	Enzyme Technology and Fermentation Technology	3	B+	7	DEC 2018
01	BY5103	Bioinformatics and Applications	3	B+	7	DEC 2018
01	MA5166	Statistical Techniques for Biotechnology	4	B+	7	NOV 2019
01	BY5003	Metabolic Process and Engineering (For Biotechnology Stream)	3	A	8	DEC 2018
01	BY5006	Analytical Techniques in Biotechnology	3	B	6	DEC 2018
01	BY5009	Environmental Biotechnology	3	B+	7	DEC 2018
01	BY5111	Preparative and Analytical Techniques in Biotechnology	3	A+	9	DEC 2018
02	BY5201	Bio Separation Technology	3	B+	7	APR 2019
02	BY5202	Bioprocess Engineering	4	B+	7	NOV 2019
02	BY5203	Bioreactor Design and Analysis	4	B	6	APR 2019
02	BY5204	Immunotechnology	3	B+	7	APR 2019
02	BY5205	Advanced Genomics and Proteomics	3	B+	7	APR 2019
02	BY5016	Advances in Molecular Pathogenesis	3	A	8	APR 2019
02	BY5019	Biopharmaceuticals and Biosimilars	3	A	8	APR 2019
02	BY5211	Immunotechnology Laboratory	3	O	10	APR 2019
03	BY5311	Advanced Genetic Engineering Laboratory	3	O	10	NOV 2019
03	BY5312	Bioprocess and Downstream Processing Laboratory	3	A+	9	NOV 2019
03	BY5313	Project Work (Phase I)	6	O	10	NOV 2019
04	BY5411	Project Work (Phase II)	12	O	10	APR 2020

*** End of Statement ***

Cumulative Grade Point Average : 8.15

Classification : FIRST CLASS



Medium of Instruction : ENGLISH

Chennai - 600 025

Date : 02/11/2020

SIGNATURE OF THE STUDENT



CONTROLLER OF EXAMINATIONS

Sl. No: 999002642



KALASALINGAM UNIVERSITY
 (Kalasalingam Academy of Research & Education)
 (Under Section 3 of U.C. Act 1956)
 Anand Nagar, Krishnankoil - 626 126 Tamil Nadu, INDIA



Name of the Student: **KARTHICK A** Register No: **9914001018** Branch: **B.Tech-Biotechnology** Batch: **2014-2018**

SEM	COURSE CODE	NAME OF THE COURSE	ATT. CODE	CREDITS	GRADE	MONTH & YEAR OF PASSING
1	CH106	Chemistry	H	3	B	Nov/Dec 2014
1	CH107	Basic Civil and Mechanical Engineering	H	4	B	Nov/Dec 2014
1	HS101	English for Technical Communication I	H	2	C	Nov/Dec 2014
1	MA170	Mathematics I	H	3	C	Nov/Dec 2014
1	HEC101	Engineering Drawing	H	2	C	Nov/Dec 2014
1	PH111	Physics I	H	3	B	Nov/Dec 2014
1	HEC101	Workshop	H	1	B	Nov/Dec 2014
1	PH183	Physics Laboratory	H	1	S	Nov/Dec 2014
2	BIT182	Cell Biology and Genetics	B	3	A	Apr/May 2015
2	CH102	Environmental Sciences	B	2	B	Apr/May 2015
2	CE102	Programming Languages	B	2	B	Apr/May 2015
2	EE101	Basic Electrical and Electronics Engineering	H	4	D	Apr/May 2015
2	HS206	Soft Skills - I	H	2	B	Apr/May 2015
2	HS103	English for Technical Communication II	B	3	C	Apr/May 2015
2	MA109	Mathematics II	B	3	B	Apr/May 2015
2	PH112	Physics II	B	3	B	Apr/May 2015
2	CH102	Chemistry Laboratory	B	1	C	Apr/May 2015
2	CE101	Programming Languages Laboratory	B	1	C	Apr/May 2015
3	BIT204	Microbiology	B	3	C	Nov/Dec 2015
3	BIT209	Molecular Biology	H	3	D	Nov/Dec 2015
3	BIT211	Principles of Biochemistry	H	3	C	Apr/May 2016
3	BIT214	Analytical Techniques in Biotechnology	H	3	D	Nov/Dec 2015
3	CH203	Bioprocess Calculations	B	4	D	Nov/Dec 2015
3	HS207	Soft Skills - II	H	1	C	Nov/Dec 2015
3	MA102	Mathematics III	B	3	D	Nov/Dec 2015
3	BIT281	Biochemistry Laboratory	H	2	C	Nov/Dec 2015
3	BIT287	Microbiology Laboratory	H	2	C	Nov/Dec 2015
3	BIT286	Cell and Molecular Biology Laboratory	H	2	C	Nov/Dec 2015
4	BIT203	Bioenergetics and Metabolism	H	4	E	Apr/May 2016
4	BIT205	Industrial Biotechnology	H	3	C	Apr/May 2016
4	BIT215	Bioinformatics and Computational Biology	B	4	D	Apr/May 2016
4	BIT216	Protein Science and Engineering	B	3	D	Apr/May 2016
4	CH202	Unit Operations	B	3	D	Apr/May 2016
4	HS206	Professional Ethics	B	3	C	Apr/May 2016
4	HS208	Soft Skills - III	B	1	B	Apr/May 2016
4	BIT288	Computational Biology Laboratory	H	2	A	Apr/May 2016
4	CH201	Chemical Engineering Laboratory	B	2	C	Apr/May 2016
5	BIT303	Bioprocess Principles	B	4	D	Nov/Dec 2016
5	BIT304	Genetic Engineering	H	4	C	Nov/Dec 2016
5	BIT305	Food Processing and Technology	H	3	D	Nov/Dec 2016
5	BIT322	Enzyme Technology	B	4	D	Nov/Dec 2016
5	CH204	Mass Transfer	B	3	D	Nov/Dec 2016
5	CH207	Reaction Engineering for Biotechnologists	H	3	C	Nov/Dec 2016
5	BIT387	Bioprocesses Laboratory	H	2	A	Nov/Dec 2016
5	BIT386	Genetic Engineering Laboratory	H	2	A	Nov/Dec 2016

CGPA CREDITS		NON-CGPA CREDITS	
EARNED	TOTAL TO BE EARNED	EARNED	TOTAL TO BE EARNED
183	183	18	18
CGPA: 6.98		CLASS AWARDED: First Class	

Please see enclosed for details.

Place : Krishnankoil
Date : 08/06/2018

Controller of Examinations



KALASALINGAM UNIVERSITY

(Kalasalingam Academy of Education and Research)

(Under Section 3 of the University Act, 1974)

Anand Nagar, Krishnankoil - 605 006

CONSOLIDATED

Name of the Student : **KARTHICK A**

Register No 9914001018

SEM.	COURSE CODE	NAME OF THE COURSE	ATT. CODE	CREDITS	GRADE	MONTH & YEAR OF PASSING
CGPA COURSES						
1	CHY106	C2 Chemistry	H	3	B	Nov/Dec 2014
1	CIV101	C3 Basic Civil and Mechanical Engineering	H	4	B	Nov/Dec 2014
1	HSS101	C1 English for Technical Communication I	9	2	C	Nov/Dec 2014
1	MAT103	C2 Mathematics I	9	3	C	Nov/Dec 2014
1	MEC101	C3 Engineering Drawing	8	2	C	Nov/Dec 2014
1	PHY131	C2 Physics I	9	3	B	Nov/Dec 2014
1	MEC181	C3 Workshop	H	1	B	Nov/Dec 2014
1	PHY183	C2 Physics Laboratory	H	1	S	Nov/Dec 2014
2	BIT103	C3 Cell Biology and Genetics	9	3	A	Apr/May 2015
2	CHY102	C2 Environmental Sciences	9	2	B	Apr/May 2015
2	CSE102	C3 Programming Languages	9	2	B	Apr/May 2015
2	EEE101	C3 Basic Electrical and Electronics Engineering	H	4	D	Apr/May 2015
2	HSS036	C1 Soft Skills - I	H	1	C	Apr/May 2015
2	HSS102	C1 English for Technical Communication II	9	2	B	Apr/May 2015
2	MAT104	C2 Mathematics II	8	3	C	Apr/May 2015
2	PHY132	C2 Physics II	9	3	B	Apr/May 2015
2	CHY182	C2 Chemistry Laboratory	8	1	C	Apr/May 2015
2	CSE181	C3 Programming Languages Laboratory	9	1	C	Apr/May 2015
3	BIT204	C4 Microbiology	9	3	C	Nov/Dec 2015
3	BIT209	C4 Molecular Biology	H	3	D	Nov/Dec 2015
3	BIT211	C4 Principles of Biochemistry	H	3	C	Apr/May 2016
3	BIT214	C4 Analytical Techniques in Biotechnology	H	3	D	Nov/Dec 2015
3	CHE253	C4 Bioprocess Calculations	9	4	D	Nov/Dec 2015
3	HSS037	C1 Soft Skills - II	H	1	C	Nov/Dec 2015
3	MAT202	C2 Mathematics III	9	3	D	Nov/Dec 2015
3	BIT281	C4 Biochemistry Laboratory	H	2	C	Nov/Dec 2015
3	BIT283	C4 Microbiology Laboratory	H	2	C	Nov/Dec 2015
3	BIT286	C4 Cell and Molecular Biology Laboratory	H	2	C	Nov/Dec 2015
4	BIT203	C4 Bioenergetics and Metabolism	H	4	E	Apr/May 2016
4	BIT205	C4 Industrial Biotechnology	H	3	C	Apr/May 2016
4	BIT215	C4 Bioinformatics and Computational Biology	8	4	D	Apr/May 2016
4	BIT216	C4 Protein Science and Engineering	9	3	D	Apr/May 2016
4	CHE252	C4 Unit Operations	9	4	D	Apr/May 2016
4	HSS006	C1 Professional Ethics	9	3	C	Apr/May 2016
4	HSS038	C1 Soft Skills - III	8	1	B	Apr/May 2016
4	BIT288	C4 Computational Biology Laboratory	H	2	A	Apr/May 2016
4	CHE291	C4 Chemical Engineering Laboratory	9	2	C	Apr/May 2016
5	BIT303	C4 Bioprocess Principles	9	4	D	Nov/Dec 2016
5	BIT304	C4 Genetic Engineering	H	4	C	Nov/Dec 2016
5	BIT309	C4 Food Processing and Technology	H	3	D	Nov/Dec 2016
5	BIT322	C4 Enzyme Technology	9	4	C	Nov/Dec 2016
5	CHE354	C5 Mass Transfer	9	3	D	Nov/Dec 2016
5	CHE357	C4 Reaction Engineering for Biotechnologists	H	3	C	Nov/Dec 2016
5	BIT387	C4 Bioprocess Laboratory	H	2	A	Nov/Dec 2016
5	BIT388	C4 Genetic Engineering Laboratory	H	2	A	Nov/Dec 2016



GRADE CARD

Branch : B.Tech-Biotechnology

Batch : 2014-2018

SEM.	COURSE CODE	NAME OF THE COURSE	ATT. CODE	CREDITS	GRADE	MONTH & YEAR OF PASSING
5	BIT398	C4 Community Service Project Phase I	H	1	A	Nov/Dec 2016
6	BIT305	C4 Biochemical Engineering	B	4	D	Apr/May 2017
6	BIT306	C4 Immunology	B	4	E	Apr/May 2017
6	BIT409	C4 Cancer Biology	B	3	C	Apr/May 2017
6	CIV416	C5 Industrial Waste Water Management	H	3	C	Apr/May 2017
6	EEE313	C6 Energy Management and Energy Audit	9	3	C	Apr/May 2017
6	HSS002	C1 Engineering Management	9	3	D	Apr/May 2017
6	BIT389	C4 Immunology Laboratory	9	2	A	Apr/May 2017
6	BIT390	C4 Biochemical Engineering Laboratory	B	2	B	Apr/May 2017
6	BIT399	C4 Community Service Project-Phase II	9	2	B	Apr/May 2017
7	BIT401	C4 Animal Biotechnology	9	4	D	Nov/Dec 2017
7	BIT402	C4 Plant Biotechnology	H	3	C	Nov/Dec 2017
7	BIT403	C4 Downstream Processing	H	4	C	Nov/Dec 2017
7	BIT419	C4 Molecular Diagnostics and Therapeutics	H	3	C	Nov/Dec 2017
7	BIT424	C4 Clinical Trials and Management	9	3	C	Nov/Dec 2017
7	ECE443	C6 Wireless Sensor Networks	H	3	C	Nov/Dec 2017
7	HSS001	C1 Total Quality Management	H	3	C	Nov/Dec 2017
7	BIT491	C4 Downstream Processing Laboratory	B	2	B	Nov/Dec 2017
8	BIT406	C4 IPR in Biotechnology	H	3	D	Apr/May 2018
8	BIT499	C4 Project Work	H	10	B	Apr/May 2018
Non-CGPA COURSES						
6	NCG1004	National Service Scheme		3	Pass	
8	NCG1005	Extra-Curricular Activities		3	Pass	
6	NCG2001	Industrial Training - I		3	Pass	
7	NCG2004	Cocurricular Activities		3	Pass	
7	NCG2005	International Languages		3	Pass	
6	NCG3002	International Proficiency Exams-I		3	Pass	
Category wise total credits earned						
C1:Humanities		16	C2:Basic Sciences		22	
C3:Basic Engineering		17	C4:Professional Major		116	
C5:Minor Elective		6	C6:Free Elective		6	

CGPA CREDITS			
EARNED	TOTAL TO BE EARNED	CGPA	CLASS AWARDED
183	183	6.98	First Class

NON-CGPA CREDITS	
EARNED	TOTAL TO BE EARNED
18	18

Please see overleaf for details

Place : Krishnankoil
Date : 08/06/2018



M. Prakash
Controller of Examinations