Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 07.06.2008

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : June 2007

Course : B.Tech BIOTECHNOLOGY ENGINEERING
Combined First and Second Semester Examination

Code	Paper	Marks Awarded			Maximum Marks			Result
		Written	Sessional	Total	Written	Sessional	Total	
EN04101	ENGINEERING MATHEMATICS I (Re-appearance for Improvement Dec, 2007)	44	35	79	100	50	150	PASSED
EN04102	ENGINEERING MATHEMATICS II	52	35	87	100	50	150	PASSED
EN04103A	ENGINEERING PHYISICS (A) (Re-appearance for Improvement Dec, 2007)	53	39	92	100	50	150	PASSED
EN04103A(P)	PHYISICS LAB (A)	--	21	21	-	25	25	PASSED
EN04104A	ENGINEERING CHEMISTRY (A)	46	40	86	100	50	150	PASSED
EN04104A(P)	CHEMISTRY LAB (A)	--	19	19	-	25	25	PASSED
EN04105	HUMANITIES	52	39	91	100	50	150	PASSED
EN04106A	ENGINEERING GRAPHICS (A)	64	35	99	100	50	150	PASSED
EN04107A	ENGINEERING MECHANICS(A)	65	40	105	100	50	150	PASSED
BT04108	BASIC ELECTRONICS	68	42	110	100	50	150	PASSED
BT04109	BASIC ELECTRICAL ENGINEERING	64	40	104	100	50	150	PASSED
BT04110(P)	MECHANICAL WORKSHOP	--	37	37	-	50	50	PASSED
BT04111(P)	ELECTRICAL AND ELECTRONICS WORKSHOP	--	41	41	-	50	50	PASSED
	Grand Total :	508	463	971	900	600	1500	

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

Controller of Examinations

AR/DR/JR (Exams)

Checked by

Section Officer

Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 13.02.2009

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : December 2007

Course : B.Tech BIOTECHNOLOGY ENGINEERING
Third Semester Examination

Code	Paper	Marks Awarded			Maximum Marks			Result
		Written	Sessional	Total	Written	Sessional	Total	
EN04 301A	ENGINEERING MATHEMATICS - III	29	37	66	100	50	150	FAILED
BT04 302	COMPUTER PROGRAMMING IN C	43	36	79	100	50	150	PASSED
BT04 303	CELL BIOLOGY	53	35	88	100	50	150	PASSED
BT04 304	CHEMICAL ENGINEERING I	38	41	79	100	50	150	FAILED
BT04 305	MICROBIOLOGY	64	35	99	100	50	150	PASSED
BT04 306	BIOCHEMISTRY I (Re-appearance for Improvement Jun, 2008)	56	39	95	100	50	150	PASSED
BT04 307(P)	MICROBIOLOGY LAB	68	38	106	100	50	150	PASSED
BT04 308(P)	BIOCHEMISTRY LAB	75	42	117	100	50	150	PASSED
	Grand Total :	---	303	---	800	400	1200	

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

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AR/DR/JR (Exams)

CUP/0616/09/50,000

Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 13.02.2009

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020

Month & Year : June,2008

Course : B.Tech BIOTECHNOLOGY ENGINEERING

Third Semester Examination

Code	Paper	Marks Awarded			Maximum Marks			Result
		Written	Sessional	Total	Written	Sessional	Total	
EN04 301A	ENGINEERING MATHEMATICS - III	55	37	92	100	50	150	PASSED
BT04 304	CHEMICAL ENGINEERING I	73	41	114	100	50	150	PASSED

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

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CUP/6616/09/50,000

Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 31.08.2009

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : June 2008

Course : B.Tech BIOTECHNOLOGY ENGINEERING
Fourth Semester Examination

Code	Paper	Marks Awarded			Maximum Marks			Result
		Written	Sessional	Total	Written	Sessional	Total	
EN04401A	ENGINEERING MATHEMATICS-IV (Re-appearance for Improvement Dec, 2008)	53	40	93	100	50	150	PASSED
EN04402	ENVIRONMENTAL STUDIES	54	42	96	100	50	150	PASSED
BT04403	BIOCHEMISTRY II	62	41	103	100	50	150	PASSED
BT04404	CHEMICAL ENGINEERING II (Re-appearance for Improvement Dec, 2008)	78	39	117	100	50	150	PASSED
BT04405	BIO PROCESS PRINCIPLES	61	38	99	100	50	150	PASSED
BT04406	ANALYTICAL TECHNIQUES IN BIOTECHNOLOGY	69	36	105	100	50	150	PASSED
BT04407(P)	CHEMICAL ENGG. LAB I	77	35	112	100	50	150	PASSED
BT04408(P)	BIO-ANALYTICAL TECHNIQUES LAB	77	35	112	100	50	150	PASSED
	Grand Total :	531	306	837	800	400	1200	

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

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Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 17.02.2010

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : December 2008

Course : Bachelor of Technology
Branch : BIOTECHNOLOGY ENGINEERING
Fifth Semester Examination

Code	Paper	Marks Awarded			Maximum Marks			Result
		Written	Sessional	Total	Written	Sessional	Total	
BT04501	INDUSTRIAL BIOTECHNOLOGY	63	40	103	100	50	150	PASSED
BT04502	MASS TRANSFER AND SEPARATION PROCESSES (Re-appearance for Improvement Jun, 2009)	79	38	117	100	50	150	PASSED
BT04503	MOLECULAR BIOLOGY	67	37	104	100	50	150	PASSED
BT04504	ENZYME ENGINEERING & TECHNOLOGY (Re-appearance for Improvement Jun, 2009)	70	38	108	100	50	150	PASSED
BT04505	CHEMICAL REACTION ENGINEERING	62	39	101	100	50	150	PASSED
BT04506	APPLIED ELECTRONICS	48	39	87	100	50	150	PASSED
BT04507(P)	CHEMICAL ENGG. LAB II	63	40	103	100	50	150	PASSED
BT04508(P)	MOLECULAR BIOLOGY LAB	79	35	114	100	50	150	PASSED
	Grand Total :	531	306	837	800	400	1200	

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

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CUP 7224/09/1.00.000

Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

STATEMENT OF MARKS

Dated : 25.03.2010

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : June,2009

Course Bachelor of Technology
Branch BIOTECHNOLOGY ENGINEERING
Sixth Semester Examination

Code	Paper	Marks Awarded Written	Sessional	Total	Maximum Marks Written	Sessional	Total	Result
BT04601	ENGINEERING ECONOMICS AND PRINCIPLES OF MANAGEMENT	71	40	111	100	50	150	PASSED
BT04602	INSTRUMENTATION AND PROCESS CONTROL	58	43	101	100	50	150	PASSED
BT04603	BIOPROCESS ENGINEERING	57	44	101	100	50	150	PASSED
BT04604	GENETIC ENGINEERING	69	40	109	100	50	150	PASSED
BT04605	PROTEIN ENGINEERING	72	40	112	100	50	150	PASSED
BT04606	BIOINFORMATICS	75	44	119	100	50	150	PASSED
Practical Examination								
BT04607(P)	BIO PROCESS TECHNOLOGY LAB I	76	38	114	100	50	150	PASSED
BT04608(P)	MINI PROJECT	--	39	39	--	50	50	PASSED
	Grand Total :	478	328	806	700	400	1100	

Pass minimum - 60% marks at University Examinations or 40% marks at University Examination and an aggregate minimum of 50% in the University Examination marks plus sessional marks

* End of statement *

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Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 05.06.2010

STATEMENT OF MARKS

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : December,2009

Course : Bachelor of Technology
Branch : BIOTECHNOLOGY ENGINEERING
Seventh Semester Examination

Code	Paper	Marks Awarded Written	Sessional	Total	Maximum Marks Written	Sessional	Total	Result
BT04 701	DOWNSTREAM PROCESSING	77	38	115	100	50	150	PASSED
BT04 702	BIOPROCESS PLANT DESIGN	60	42	102	100	50	150	PASSED
BT04 703	RECOMBINANT DNA TECHNOLOGY	67	40	107	100	50	150	PASSED
BT04 704	ENVIRONMENTAL BIOTECHNOLOGY	78	41	119	100	50	150	PASSED
ELECTIVE I								
BT04 705C	FOOD BIOTECHNOLOGY	77	38	115	100	50	150	PASSED
Practical Examination								
BT04 706(P)	BIO PROCESS TECHNOLOGY LAB II	70	37	107	100	50	150	PASSED
BT04 707(P)	SEMINAR	--	39	39	--	50	50	PASSED
BT04 708(P)	PROJECT	--	41	41	--	50	50	
	Grand Total :	429	316	745	600	400	1000	

Pass minimum in a subject is 60% marks at the University Examination or 40% marks at the University Examination and an aggregate minimum of 50% marks at the University Examination plus sessional marks. The result of the project is finalised at the eighth semester.

* End of statement *

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CUP 7224.09/1.00.000

Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

Dated : 07.08.2010

STATEMENT OF MARKS

Name : **ELSA CHAKKOCHAN** Register Number : **EKAGEBT020**

Month & Year : June 2010

Course : **B.Tech. BIOTECHNOLOGY ENGINEERING**

Semester : VIII

Code	Paper	Marks Awarded Written	Marks Awarded Sessional	Maximum Marks Written	Maximum Marks Sessional	Result
BT04801	IMMUNOLOGY AND IMMUNOTECHNOLOGY	77	40	100	50	PASSED
BT04802	BIOETHICS AND INTELLECTUAL PROPERTY RIGHTS	72	41	100	50	PASSED
BT04803	METABOLIC ENGINEERING	71	42	100	50	PASSED
ELECTIVE II						
BT04804(E)	HAZARDOUS WASTE MANAGEMENT	77	44	100	50	PASSED
ELECTIVE III						
BT04805(A)	BIOPHARMACEUTICAL TECHNOLOGY	72	39	100	50	PASSED
	PRACTICALS					
BT04806(P)	IMMUNOLOGY AND GENETIC ENGINEERING LAB	72	40	100	50	PASSED
BT04807(P)	PROJECT	--	79	-	100	PASSED
BT04808(P)	VIVA VOCE	72	--	100	-	PASSED
	Total of VIII Semester:	**513**	**325**	**700**	**400**	
	Marks of Previous Semesters					
	Total of I and II Semester :	508	463	900	600	
	Semester III :	487	303	800	400	
	Semester IV :	531	306	800	400	
	Semester V :	531	306	800	400	
	Semester VI :	478	328	700	400	
	Semester VII :	429	316	600	400	
	Grand Total :	**3477**	**2347**	**5300**	**3000**	**PASSED**

Pass minimum in a subject is 60% marks at the University Examination or 40% marks at the University Examination and an aggregate minimum of 50% marks at the University Examination plus sessional marks

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AR/DR/JR (Exams)

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Calicut University P.O.
Pin 673 635

UNIVERSITY OF CALICUT

STATEMENT OF MARKS

Dated : 07.08.2010

Name : ELSA CHAKKOCHAN

Register Number : EKAGEBT020
Month & Year : June,2010

Course : Bachelor of Technology
Branch : BIOTECHNOLOGY ENGINEERING
Eighth Semester Examination

Code	Paper	Marks Awarded Written	Sessional	Total	Maximum Marks Written	Sessional	Total	Result
BT04801	IMMUNOLOGY AND IMMUNOTECHNOLOGY	77	40	117	100	50	150	PASSED
BT04802	BIOETHICS AND INTELLECTUAL PROPERTY RIGHTS	72	41	113	100	50	150	PASSED
BT04803	METABOLIC ENGINEERING	71	42	113	100	50	150	PASSED
ELECTIVE II								
BT04804(E)	HAZARDOUS WASTE MANAGEMENT	77	44	121	100	50	150	PASSED
ELECTIVE III								
BT04805(A)	BIOPHARMACEUTICAL TECHNOLOGY	72	39	111	100	50	150	PASSED
PRACTICALS								
BT04806(P)	IMMUNOLOGY AND GENETIC ENGINEERING LAB	72	40	112	100	50	150	PASSED
BT04807(P)	PROJECT	--	79	79	--	100	100	PASSED
BT04808(P)	VIVA VOCE	72	--	72	100	--	100	PASSED
	Grand Total :	513	325	838	700	400	1100	

Pass minimum in a subject is 60% marks at the University Examination or 40% marks at the University Examination and aggregate minimum of 50% marks at the University Examination plus sessional marks

* End of statement *

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