

Sem - 1 &amp; 2

## UNIVERSITY OF KERALA

Serial No : 10 04 9258  
Ref No. EE : 09 33 9004 O



Thiruvananthapuram  
Date : 27/10/2009

Name of Programme : B.Tech. Bio-Technology and Bio-Chemical Engineering  
Semester : 1 & 2  
Month & Year of Exam : May 2009  
Name of Student : CHANDANA PANKAJ

Exam Code : 408 08101  
Candidate Code : 08 414 024

### Statement of Grades

Subject Code	Subjects	Credits	Letter Grade
08101	Engineering Mathematics	6	B
08102	Engineering Physics	6	C
08103	Engineering Chemistry	6	E
08104	Engineering Graphics	6	C
08105	Engineering Mechanics	6	D
08106	Basic Civil Engineering	6	B Plus
08107	Basic Mechanical Engineering	6	D
08108	Basic Electrical and Electronics Engineering	6	C
08109	Basic Communication and Information Engineering	6	D
08110	Engineering Workshops	4	A

Semester : Passed G.P.A : 6.6

#### Grade Details

Grade	Grade Point	% of Total Marks(CA+UE)	Grade	Grade Point	% of Total Marks(CA+UE)
S	10	90% and above	C Plus	7	65% and above but less than 70%
A Plus	9	85% and above but less than 90%	C	6.5	60% and above but less than 65%
A	8.5	80% and above but less than 85%	D	6	55% and above but less than 60%
B Plus	8	75% and above but less than 80%	E	5.5	50% and above but less than 55%
B	7.5	70% and above but less than 75%	F	0	Below 50% for CA+UE or below 40% for UE only

Semester Pass Requirement : GPA of 5.5 or above

$G.P.A = \frac{\text{sum}(\text{credits} * \text{Grade Point})}{\text{sum}(\text{credits})}$

Prepared By

Checked By

Section Officer

Controller of Examinations

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Controller of Examinations

*Chp*



Sem -3

# UNIVERSITY OF KERALA



Thiruvananthapuram

Date : 08/06/2022

Name of Programme : BTech Bio-Technology and Bio-Chemical Engineering ( 408 )

Semester : 3

Exam Code : 40808305

Month & Year of Exam : December, 2012

Candidate Code : 08414024

Name of Student : CHANDANA PANKAJ

## Statement of Grades

Subject Code	Subjects	Credits	Grade
08302	Bio-process Calculations	4	E
Result : Passed		G.P.A :	6.53

  
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Sem - 4

## UNIVERSITY OF KERALA

Serial No : 11 09 4427  
 Ref. No. EE : 11 37 9678 O



Thiruvananthapuram  
 Date : 29/09/2011

Name of Programme : B.Tech. Bio-Technology and Bio-Chemical Engineering  
 Semester : 4  
 Month & Year of Exam : Apr 2011  
 Name of Student : **CHANDANA PANKAJ**

Exam Code : **408 08402**  
 Candidate Code : **08 414 024**

### Statement of Grades

Subject Code	Subjects	Credits	Letter Grade
08402	Humanities	3	E
08406	Chemical and Biochemical Reaction Engineering	4	E
Semester : Passed		G.P.A. : <b>6.5</b>	



Grade	Grade Point	% of Total Marks(CA+UE)	Grade	Grade Point	% of Total Marks(CA+UE)
S	10	90% and above	C Plus	7	65% and above but less than 70%
A Plus	9	85% and above but less than 90%	C	6.5	60% and above but less than 65%
A	8.5	80% and above but less than 85%	D	6	55% and above but less than 60%
B Plus	8	75% and above but less than 80%	E	5.5	50% and above but less than 55%
B	7.5	70% and above but less than 75%	F	0	Below 50% for CA+UE or below 40% for UE only

Semester Pass Requirement : GPA of 5.5 or above

G.P.A =  $\frac{\text{sum(credits} \times \text{Grade Point)}}{\text{sum(credits)}}$

Prepared By *[Signature]* Checked By *[Signature]*

*[Signature]*  
 Section Officer

*[Signature]*  
 Controller of Examinations

*Chp*

Gem 5

# UNIVERSITY OF KERALA

Serial No : 11 02 2135  
Ref. No. EE : 11 31 2105 O



Thiruvananthapuram  
Date : 31/03/2011

Name of Programme : B.Tech. Bio-Technology and Bio-Chemical Engineering  
Semester : 5  
Month & Year of Exam : Nov 2010  
Name of Student : CHANDANA PANKAJ

Exam Code : 408 08501  
Candidate Code : 08 414 024

## Statement of Grades

Subject Code	Subjects	Credits	Letter Grade
08501	Engineering Mathematics IV	4	E
08502	Genetic Engineering	4	C
08503	Enzyme Engineering and Technology	3	C
08504	Principles of Heat Transfer in Bioprocesses	4	C
08505	Bioprocess Engineering	4	D
08506	Thermodynamics of Bioprocesses	4	E
08507	Molecular Biology Laboratory	3	A
08508	Bioprocess Engineering Laboratory	3	B

Semester : Passed G.P.A. : 6.4

Grade Details					
Grade	Grade Point	% of Total Marks(CA+UE)	Grade	Grade Point	% of Total Marks(CA+UE)
S	10	90% and above	C Plus	7	65% and above but less than 70%
A Plus	9	85% and above but less than 90%	C	6.5	60% and above but less than 65%
A	8.5	80% and above but less than 85%	D	6	55% and above but less than 60%
B Plus	8	75% and above but less than 80%	E	5.5	50% and above but less than 55%
B	7.5	70% and above but less than 75%	F	0	Below 50% for CA+UE or below 40% for UE only

Semester Pass Requirement : GPA of 5.5 or above

G.P.A =  $\frac{\text{sum}(\text{credits} * \text{Grade Point})}{\text{sum}(\text{credits})}$

Prepared By

*Soumya R S*

Checked By

*Cyatha*

Section Officer

*Soumya R S*

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Sem - 5

# UNIVERSITY OF KERALA



Thiruvananthapuram

Date : 08/06/2022

Name of Programme : BTech Bio-Technology and Bio-Chemical Engineering ( 408 )

Semester : 6

Exam Code : 40808610

Month & Year of Exam : May, 2019

Candidate Code : 08414024

Name of Student : CHANDANA PANKAJ

## Statement of Grades

Subject Code	Subjects	Credits	Grade
08603	Process Dynamics and Control	4	D
Result : Passed		G.P.A :	6.16

  
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Sem - 7

## UNIVERSITY OF KERALA

Serial No : 12 01 0922  
Ref. No. EE : 12 30 0661 O



Thiruvananthapuram  
Date : 16/02/2012

Name of Programme : B.Tech. Bio-Technology and Bio-Chemical Engineering  
Semester : 7  
Month & Year of Exam : Oct 2011  
Name of Student : CHANDANA PANKAJ

Exam Code : 408 08701  
Candidate Code : 08 414 024

## Statement of Grades

Subject Code	Subjects	Credits	Letter Grade
08701	Downstream Processing	5	D
08702	Bio - Process Instrumentation	4	C Plus
08703	Bio - Informatics	4	D
08704	Bio-Sensors and Diagnostics	4	C Plus
08705	Project Engineering	4	C Plus
08706	Reaction Engineering and Process Control Lab	3	A
08707	Heat and Mass Transfer Operations Lab	3	B Plus
08708	Mini Project, Seminar and Industrial Training	2	S

Semester : Passed G.P.A. : 7.1

## Grade Details

Grade	Grade Point	% of Total Marks(CA+UE)	Grade	Grade Point	% of Total Marks(CA+UE)
S	10	90% and above	C Plus	7	65% and above but less than 70%
A Plus	9	85% and above but less than 90%	C	6.5	60% and above but less than 65%
A	8.5	80% and above but less than 85%	D	6	55% and above but less than 60%
B Plus	8	75% and above but less than 80%	E	5.5	50% and above but less than 55%
B	7.5	70% and above but less than 75%	F	0	Below 50% for CA+UE or below 40% for UE only

Semester Pass Requirement : GPA of 5.5 or above

G.P.A =  $\frac{\text{sum}(\text{credits} * \text{Grade Point})}{\text{sum}(\text{credits})}$

Prepared By

Checked By

Section Officer

Controller of Examinations

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Sem - 8

# UNIVERSITY OF KERALA

Serial No : 12 03 4676  
Ref. No. EG : 12 31 9259 0



Thiruvananthapuram  
Date : 03/08/2012

Name of Programme : B.Tech. Bio-Technology and Bio-Chemical Engineering  
Semester : 8  
Month & Year of Exam : Apr 2012  
Name of Student : CHANDANA PANKAJ

Exam Code : 408 08801  
Candidate Code : 08 414 024

## Statement of Grades

Subject Code	Subjects	Credits	Letter Grade
08801	Bio-process Plant and Equipment Design	5	D
08802	Biomaterials and Tissue Engineering	3	A
08803	Environmental Pollution, Monitoring and Control	3	C Plus
08804	Managerial Economics for Process Engineers and Principles of Industrial Management	3	E
08805	Immunology and Immunotechnology	3	C Plus
08806	Molecular Modeling	3	B Plus
08807	Bioinformatics Laboratory	3	B Plus
08808	Downstream Processing Laboratory	3	A Plus
08809	Project and Comprehensive Viva voce	3	C Plus

Semester : Pass in Final Semester \* G.P.A.: 7.2  
(Seven \* Two)

Prepared By : *[Signature]*

Checked By : *[Signature]*

Section Officer : *[Signature]*

*[Signature]*

Controller of Examinations

\* Pass requirements & papers to be cleared if any shown overleaf

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*[Handwritten initials]*