



## FACULTY OF ENGINEERING AND TECHNOLOGY

*The Senate of the University of Kerala hereby makes known that **Neethu T.J.** has been admitted to the Degree of Bachelor of Technology under **Chemical Engineering** Branch, she having been certified by duly appointed examiners to be qualified to receive the same and having been by them placed in the **First Class with Distinction** at the examination held in **May 2018**.*

*Given under the seal of the University*



University Buildings

Thiruvananthapuram May 06, 2019

  
Vice Chancellor

# UNIVERSITY OF KERALA

Serial No : 15 12 7823  
Ref. No. EE : 15 36 1186 O



Thiruvananthapuram  
Date : 31-10-2015

Name of Programme : B.Tech. Chemical Engineering  
Semester : 1 & 2  
Month & Year of Exam : May 2015  
Name of Student : **NEETHU T J**

Exam Code : **407 13103**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13101	Engineering Mathematics-I	6	47	79	<b>126</b>	<b>A</b>
13102	Engineering Physics	6	46	82	<b>128</b>	<b>A Plus</b>
13103	Engineering Chemistry	6	48	57	<b>105</b>	<b>B</b>
13104	Engineering Graphics	6	50	66	<b>116</b>	<b>B Plus</b>
13105	Engineering Mechanics	6	50	75	<b>125</b>	<b>A</b>
13106	Basic Civil Engineering	6	47	60	<b>107</b>	<b>B</b>
13107	Process Engineering Calculations	6	43	84	<b>127</b>	<b>A</b>
13108	Basic Electrical Engineering	6	43	62	<b>105</b>	<b>B</b>
13109	Basic Electronics Engineering	6	46	74	<b>120</b>	<b>A</b>
13110	Mechanical Engineering Workshop	2	22	39	<b>61</b>	<b>A</b>
13111	Electrical & Electronics Engineering Workshop	2	24	43	<b>67</b>	<b>A Plus</b>
Semester : Passed						Sem Total : <b>1187</b>
						G.P.A : <b>8.21</b>

### 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 =  $\frac{\text{sum}(\text{credits} * \text{Grade Point})}{\text{sum}(\text{credits})}$

Semester Total = 1500

Prepared by 1. wark

Checked by gll

Section Officer

Controller of Examinations



# UNIVERSITY OF KERALA

Serial No : 16 10 1717  
Ref. No. EE : 16 34 8771 O



Thiruvananthapuram  
Date : 09-09-2016

Name of Programme : B.Tech. Chemical Engineering  
Semester : 3  
Month & Year of Exam : Jan 2016  
Name of Student : **NEETHU T J**

Exam Code : **407 13303**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13301	Engineering Mathematics II	4	47	65	<b>112</b>	<b>B</b>
13302	Physical and Inorganic Chemistry	4	48	73	<b>121</b>	<b>A</b>
13303	Fluid Flow Operations I	4	50	82	<b>132</b>	<b>A Plus</b>
13304	Machine Drawing	3	50	79	<b>129</b>	<b>A Plus</b>
13305	Computer Programming in C++	4	50	64	<b>114</b>	<b>B Plus</b>
13306	Chemical Technology	4	43	73	<b>116</b>	<b>B Plus</b>
13307	Chemistry Lab	3	41	80	<b>121</b>	<b>A</b>
13308	Chemical & Instrumentation Lab	3	44	87	<b>131</b>	<b>A Plus</b>
Semester : <b>Passed</b>						Sem Total : <b>976</b>
						G.P.A : <b>8.4</b>

### 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 =  $\frac{\text{sum(credits} \times \text{Grade Point)}}{\text{sum(credits)}}$

Semester Total = 1200

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# UNIVERSITY OF KERALA

Serial No : 17 03 5060  
Ref. No. EE : 17 30 9255 O



Thiruvananthapuram  
Date : 01/04/2017

Name of Programme : B.Tech. Chemical Engineering  
Semester : 4  
Month & Year of Exam : Jun 2016  
Name of Student : **NEETHU T J**

ExamCode : **407 13403**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13401	Engineering Mathematics-III	4	46	84	<b>130</b>	<b>A Plus</b>
13402	Humanities	3	46	69	<b>115</b>	<b>B Plus</b>
13403	Organic Chemistry	4	45	67	<b>112</b>	<b>B</b>
13404	Electrical Technology	4	49	73	<b>122</b>	<b>A</b>
13405	Fluid Flow Operations II	4	44	71	<b>115</b>	<b>B Plus</b>
13406	Chemical Technology II	4	42	57	<b>99</b>	<b>C Plus</b>
13407	Chemistry Lab II	3	48	45	<b>93</b>	<b>C</b>
13408	Software Lab	3	47	20	67	<b>F</b>
Semester : Failed						Sem Total :
						G.P.A :

### 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 =  $\frac{\text{sum}(\text{credits} \times \text{Grade Point})}{\text{sum}(\text{credits})}$

Semester Total = 1200

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# UNIVERSITY OF KERALA

Serial No : 18 02 4734  
Ref. No. EE : 18 30 3093 O



Thiruvananthapuram  
Date : 21-03-2018

Name of Programme : B.Tech. Chemical Engineering  
Semester : 4  
Month & Year of Exam : Jul 2017  
Name of Student : NEETHU T J

ExamCode : 407 13405  
Candidate Code : 14 403 048

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13405	Fluid Flow Operations II	4	44	Ab	44	F
13407	Chemistry Lab II	3	48	94	142	S
13408	Software Lab	3	47	83	130	A Plus
Sem Total : 965						G.P.A : 8.31
Semester : Passed						



### 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 =  $\frac{\text{sum(credits} \times \text{Grade Point)}}{\text{sum(credits)}}$

Semester Total = 1200

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# UNIVERSITY OF KERALA

Serial No : 17 07 8920  
Ref. No. EE : 17 33 4645 O



Thiruvananthapuram  
Date : 08/11/2017

Name of Programme : B.Tech. Chemical Engineering  
Semester : 5  
Month & Year of Exam : Dec 2016  
Name of Student : **NEETHU T J**

ExamCode : **407 13503**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13501	Engineering Mathematics IV	4	47	85	<b>132</b>	<b>A Plus</b>
13502	Heat Transfer Operations I	4	48	87	<b>135</b>	<b>S</b>
13503	Particle Technology	4	45	71	<b>116</b>	<b>B Plus</b>
13504	Chemical Reaction Engineering I	4	48	88	<b>136</b>	<b>S</b>
13505	Chemical Engineering Thermodynamics	4	44	68	<b>112</b>	<b>B</b>
13506	Mathematical Methods in Chemical Engineering	3	44	68	<b>112</b>	<b>B</b>
13507	Particle Technology and Mineral Processing Lab	3	44	84	<b>128</b>	<b>A Plus</b>
13508	Fluid Mechanics Lab	3	46	83	<b>129</b>	<b>A Plus</b>
Semester : Passed						Sem Total : <b>1000</b>
						G.P.A : <b>8.78</b>

### 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 =  $\frac{\text{sum(credits * Grade Point)}}{\text{sum(credits)}}$

Semester Total = 1200

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# UNIVERSITY OF KERALA

Serial No : 18 01 9600  
Ref. No. EE : 18 29 9432 O



Thiruvananthapuram  
Date : 26-03-2018

Name of Programme : B.Tech. Chemical Engineering  
Semester : 6  
Month & Year of Exam : Jun 2017  
Name of Student : **NEETHU T J**

ExamCode : **407 13603**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13601	Mass Transfer Operations I	4	45	69	<b>114</b>	<b>B Plus</b>
13602	Chemical Reaction Engineering II	4	48	57	<b>105</b>	<b>B</b>
13603	Heat Transfer Operation II	4	49	73	<b>122</b>	<b>A</b>
13604	Process Dynamics and Control	4	50	79	<b>129</b>	<b>A Plus</b>
13605	Numerical Methods for Process Engineers	4	48	77	<b>125</b>	<b>A</b>
13606	Project Engineering	3	44	66	<b>110</b>	<b>B</b>
13607	Chemical Reaction Engineering Lab	3	48	76	<b>124</b>	<b>A</b>
13608	Heat Transfer Operations Lab	3	49	84	<b>133</b>	<b>A Plus</b>
Semester : Passed					Sem Total : <b>962</b>	G.P.A : <b>8.31</b>

### 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 =  $\frac{\text{sum(credits)} \times \text{Grade Point}}{\text{sum(credits)}}$

Semester Total = 1200

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# UNIVERSITY OF KERALA

Serial No : 18 03 9037  
Ref. No. EE : 18 30 9947 O



Thiruvananthapuram  
Date : 13-06-2018

Name of Programme : B.Tech. Chemical Engineering  
Semester : 7  
Month & Year of Exam : Nov 2017  
Name of Student : **NEETHU T J**

ExamCode : **407 13702**  
Candidate Code : **14 403 048**

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13701	Chemical Engineering Design I	4	47	82	<b>129</b>	<b>A Plus</b>
13702	Mass Transfer Operations II	4	44	70	<b>114</b>	<b>B Plus</b>
13703	Petroleum Refinery Engineering	3	47	58	<b>105</b>	<b>B</b>
13704	Economics and management of process Industries	3	45	81	<b>126</b>	<b>A</b>
13705	Fuel Cell Technology	3	46	90	<b>136</b>	<b>S</b>
13706	Mass Transfer Operations Lab	3	46	72	<b>118</b>	<b>B Plus</b>
13707	Process Control Lab	3	49	73	<b>122</b>	<b>A</b>
13708	Mini Project	3	46	82	<b>128</b>	<b>A Plus</b>
13709	Seminar, Industrial Visits	3	84	-	<b>84</b>	<b>A</b>
Semester : Passed						Sem Total : <b>1062</b>
						G.P.A : <b>8.55</b>

### 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 =  $\frac{\text{sum(credits*Grade Point)}}{\text{sum(credits)}}$

Semester Total = 1300

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# UNIVERSITY OF KERALA

Serial No : 18 06 3781  
Ref. No. EG : 18 32 4115 O




Thiruvananthapuram  
Date : 21-08-2018

Name of Programme : B.Tech. Chemical Engineering  
Semester : 8  
Month & Year of Exam : May 2018  
Name of Student : NEETHU T J

Exam Code : 407 13803  
Candidate Code : 14 403 048

## Statement of Marks

Subject Code	Subjects	Credits	Marks Awarded			Letter Grade
			SM	UM	Total	
13801	Transport Phenomena	4	41	73	114	B Plus
13802	Chemical Engineering Design II	4	45	83	128	A Plus
13803	Environmental Pollution: Control, Design and Modelling	4	39	64	103	C Plus
13804	Process Instrumentation	4	47	76	123	A
13805	Process Plant Safety and Hazard Assessment	4	42	57	99	C Plus
13806	Solid Waste Management	4	41	65	106	B
13807	Project & Viva Voce	5	159	80	239	B Plus
 Semester - 1&2 Semester - 3 Semester - 4 Semester - 5 Semester - 6 Semester - 7 Semester - 8						8.21
						8.4
						8.31
						8.78
						8.31
						8.55
						7.86
Result : Passed						CGPA : 8.33 (Eight . Three Three)

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