



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

Sl.No. A/11 043632

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S1/M11/CH934

March 22, 2012

GRADE CARD

Name : Mr/Ms AMAL G S
Degree : BACHELOR OF TECHNOLOGY
Branch : CHEMICAL ENGINEERING
Roll No : B110934CH

Semester : First Period of Study: Monsoon Semester 2011-2012 (July 11 - December 11)

Course Code	Course Title	Credits	Category	Grade	Attendance Code
MS1001	PROFESSIONAL COMMUNICATION	3	HL	A	N
MA1001	MATHEMATICS I	3	BS	A	H
ZZ1002	ENGINEERING GRAPHICS	3	TA	D	H
CY1001	CHEMISTRY	3	BS	C	H
ZZ1004	COMPUTER PROGRAMMING	2	ES	B	H
ZZ1092	WORKSHOP II	2	TA	B	H
CY1094	CHEMISTRY LAB	1	BS	B	H
SGPA = 7.82					CGPA = 7.82

Accumulated Credits

Category	BS	ES	HL	TA	PT	PR	GE	OT	Total
Credits	7	2	3	5	0	0	0	0	17

Checked By :

1. *D*

2. *S*



Institute Seal

2
Deputy Registrar (Academic)



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

SI. No.: A/11 033372

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S2/W11/CH934

October 29, 2012

GRADE CARD

Name : Mr/Ms AMAL G S
Degree : BACHELOR OF TECHNOLOGY
Branch : CHEMICAL ENGINEERING
Roll No : B110934CH

Semester : Second Period of Study :

Winter Semester 2011-2012

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH1001	INTRODUCTION TO CHEMICAL ENGINEERING	2	PT	A	N
MA1002	MATHEMATICS II	3	BS	A	H
PH1001	PHYSICS	3	BS	S	H
PH1091	PHYSICS LAB	1	BS	C	H
ZZ1001	ENGINEERING MECHANICS	3	ES	B	H
ZZ1003	ELECTRICAL SCIENCES	3	ES	B	H
ZZ1091	WORKSHOP I	2	TA	A	H
SGPA = 8.71		CGPA = 8.26			

Others (OT) - [Pass(P)/Fail(F) Type]

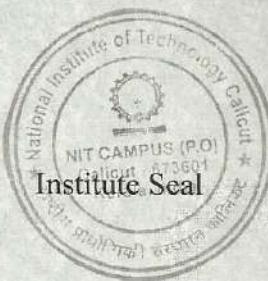
Course Code	Course Title	Credits	Category	Grade	Attendance Code
ZZ1093	PHYSICAL EDUCATION	1	OT	P	N

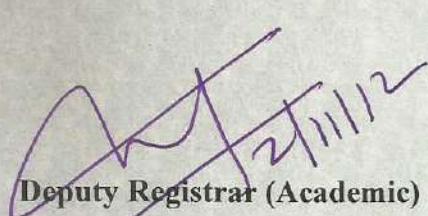
Accumulated Credits

Category	BS	ES	HL	TA	PT	PR	GE	OT	Total
Credits	14	8	3	7	2	0	0	1	35

Checked By :

1. 
2. 




Deputy Registrar (Academic)



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

SI.No.: A/11 030338

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S3/M12/CH934

February 25, 2013

GRADE CARD

Name : Mr/Ms AMAL G S

Degree : BACHELOR OF TECHNOLOGY

Branch : CHEMICAL ENGINEERING

Roll No : B110934CH

Semester : Third Period of Study: Monsoon Semester 2012-2013 (July 12 - December 12)

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH2001	CHEMICAL TECHNOLOGY	3	PT	A ✓	H
CH2002	PROCESS CALCULATIONS	3	PT	A ✓	H
CH2003	FLUID MECHANICS	3	PT	B ✓	H
CH2091	CHEMICAL TECHNOLOGY LABORATORY	2	PT	A ✗	H
CY2001	PHYSICAL CHEMISTRY	3	PT	A ✗	H
MA2001	MATHEMATICS - III	3	BS	A ✗	H
ME2091	MACHINE DRAWING	2	PT	C ✗	N
SGPA = 8.63		CGPA = 8.40			

Others (OT) - [Pass(P)/Fail(F) Type]

Course Code	Course Title	Credits	Category	Grade	Attendance Code
ZZ1094	OT(VALUE EDUCATION)	1	OT	P ✗	H

Accumulated Credits

Category	BS	ES	HL	TA	PT	PR	GE	OT	Total
Credits	17	8	3	7	18	0	0	2	55

Checked By :

1. *AMAL*

2.

Deputy Registrar (Academic)
13/13





राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट

SI. No.: A/11 018077

National Institute of Technology Calicut

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S4/W12/CH934

November 02, 2013

GRADE CARD

Name : Mr/Ms AMAL G S
Degree : BACHELOR OF TECHNOLOGY
Branch : CHEMICAL ENGINEERING
Roll No : B110934CH

Semester : Fourth Period of Study :

Winter Semester 2012-2013

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH2007	CHEMICAL ENGINEERING THERMODYNAMICS-I	3	PT	A	H
CH2006	HEAT TRANSFER	3	PT	B	H
CH2004	MATERIAL SCIENCE	3	PT	S	H
CY2002	ORGANIC CHEMISTRY	3	PT	S	N
CH2093	MECHANICAL OPERATIONS LAB	2	PT	S	H
CH2005	MECHANICAL OPERATIONS	3	PT	S	H
MA2002	MATHEMATICS - IV	3	BS	A	H
CH2092	FLUID MECHANICS LAB	2	PT	A	N
SGPA = 9.36		CGPA = 8.68			

Others (OT) - [Pass(P)/Fail(F) Type]

Course Code	Course Title	Credits	Category	Grade	Attendance Code
ZZ1095	NATIONAL SERVICE SCHEME	1	OT	P	H

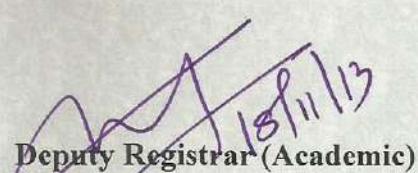
Accumulated Credits

Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	8	3	7	37	0	3	78

Checked By :

1. A
2. B




Deputy Registrar (Academic)



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

SI.No.: A/11 007683

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S5/M13/CH934

March 31, 2014

GRADE CARD

Name : Mr/Ms AMAL G S/

Degree : BACHELOR OF TECHNOLOGY

Branch : CHEMICAL ENGINEERING

Roll No : B110934CH

Semester : Fifth Period of Study: Monsoon Semester 2013-2014 (July 13 - December 13)

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH4022	PETROLEUM REFINING OPERATIONS AND PROCESSES	3	PT	A/	H
CH3002	MASS TRANSFER - I	3	PT	S/	H
CH3004	PROCESS INSTRUMENTATION	3	PT	B/	H
CH3091	ENVIRONMENTAL AND POLLUTION CONTROL LABORATORY	2	PT	A/	H
CH3001	CHEMICAL ENGINEERING THERMODYNAMICS - II	3	PT	C/	H
CH3092	HEAT TRANSFER LABORATORY	2	PT	A/	H
CH3003	CHEMICAL REACTION ENGINEERING	3	PT	A/	H
SGPA = 8.68 /				CGPA = 8.68	

Others (OT) - [Pass(P)/Fail(F) Type]

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH3005	ENVIRONMENTAL STUDIES	3	OT	P/	H

Accumulated Credits

Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	8	3	7	56	0	6	100

Checked By :

1. ✓
2. ✓



Deputy Registrar (Academic)

16.5.14



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट

Sl.No.: A/14 100963

National Institute of Technology Calicut

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S6/W13/CH934

July 23, 2014

GRADE CARD

Name : Mr/Ms AMAL G S
Degree : BACHELOR OF TECHNOLOGY
Branch : CHEMICAL ENGINEERING
Roll No : B110934CH

Semester : Sixth Period of Study : Winter Semester 2013-2014 (January 14 - June 14)

Course Code	Course Title	Credits	Category	Grade	Attendance Code
CH3006	MASS TRANSFER - II	3	PT	S	H
CH3007	PROCESS DYNAMICS & CONTROL	3	PT	A	H
CH3008	CHEMICAL PROCESS EQUIPMENT DESIGN	3	PT	B	H
CH3093	CHEMICAL REACTION ENGINEERING LAB	2	PT	A	H
CH3094	MASS TRANSFER LABORATORY	2	PT	S	H
CH4042	RISK ANALYSIS AND HAZOP	3	PT	S	H
MA3025	NUMERICAL METHODS FOR ENGINEERS	3	GE	A	H
SGPA = 9.26		CGPA = 8.78			

Accumulated Credits

Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	8	3	7	72	3	6	119

Checked By :

1. *SV*

2. *DR*



Deputy Registrar (Academic)

Dr. Raghunandan T



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

Sl.No. A/14 107386

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. S7/M14/CH934

March 03, 2015

GRADE CARD

Name : Mr/Ms AMAL G S
Degree : BACHELOR OF TECHNOLOGY
Branch : CHEMICAL ENGINEERING
Roll No : B110934CH

Semester : Seventh Period of Study: Monsoon Semester 2014-2015 (July 14 - December 14)

Course Code	Course Title	Credits	Category	Grade	Attendance Code
ME4104	PRINCIPLES OF MANAGEMENT	3	HL	A	H
CH4091	PROCESS DYNAMICS & CONTROL LAB	2	PT	S	H
NS4101	NANO SCIENCE AND TECHNOLOGY (GE)	3	GE	S	N
CH4001	TRANSPORT PHENOMENA	3	PT	S	H
CH4092	PROJECT	3	PT	A	N
CH4002	COMPUTER AIDED DESIGN	3	PT	A	H
CH4034	PROCESS MODELLING AND SIMULATION	3	PT	A	H
SGPA = 9.40		CGPA = 8.87			

Accumulated Credits

Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	8	6	7	86	6	6	139

Checked By :

1. *AV*

2. *AS*

AS
Deputy Registrar (Academic)





राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट

S.I.NO. A/11 026524

National Institute of Technology Calicut

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

Ref. No. 19 15/BTECH/0934

Dated : 22 Jun 2015

CONSOLIDATED GRADE CARD
BACHELOR OF TECHNOLOGY

Name : Mr/Ms AMAL GS

Roll No : B110934CH

Branch : CHEMICAL ENGINEERING

Month and year of admission : Jul-2011

Course Code	Course Title	Credit	Category	Grade	Att. Code
Semester : Monsoon Semester 2011-2012 (July 11 - December 11)					
MA1001 ✓	MATHEMATICS I	3	BS	A ✓	H
MS1001 ✓	PROFESSIONAL COMMUNICATION	3	HL	A	N
CY1094 ✓	CHEMISTRY LAB	1	BS	B	H
ZZ1004 ✓	COMPUTER PROGRAMMING	2	ES	B	H
ZZ1092 ✓	WORKSHOP II	2	TA	B	H
CY1001 ✓	CHEMISTRY	3	BS	C	H
ZZ1002 ✓	ENGINEERING GRAPHICS	3	TA	D	H
Semester : Winter Semester 2011-2012 (January 12 - June 12)					
CH1001 ✓	INTRODUCTION TO CHEMICAL ENGINEERING	2	PT	A	N
MA1002 ✓	MATHEMATICS II	3	BS	A	H
ZZ1091 ✓	WORKSHOP I	2	TA	A	H
ZZ1001 ✓	ENGINEERING MECHANICS	3	ES	B	H
ZZ1003 ✓	BASIC ELECTRICAL SCIENCES	3	ES	B	H
PH1091 ✓	PHYSICS LAB	1	BS	C	H
PH1001 ✓	PHYSICS	3	BS	S	H
Semester : Monsoon Semester 2012-2013 (July 12 - December 12)					
CH2001 ✓	CHEMICAL TECHNOLOGY	3	PT	A ✓	H
CH2002 ✓	PROCESS CALCULATIONS	3	PT	A ✓	H
CH2091 ✓	CHEMICAL TECHNOLOGY LABORATORY	2	PT	A ✓	H
CY2001 ✓	PHYSICAL CHEMISTRY	3	PT	A	H
MA2001 ✓	MATHEMATICS - III	3	BS	A	H
CH2003 ✓	FLUID MECHANICS	3	PT	B	H
ME2091 ✓	MACHINE DRAWING	2	PT	C	N
Semester : Winter Semester 2012-2013 (January 13 - June 13)					
CH2007	CHEMICAL ENGINEERING THERMODYNAMICS-I	3	PT	A	H
CH2092	FLUID MECHANICS LAB	2	PT	A	N
MA2002	MATHEMATICS - IV	3	BS	A	H
CH2006	HEAT TRANSFER	3	PT	B	H
CH2004	MATERIAL SCIENCE	3	PT	S	H
CH2005	MECHANICAL OPERATIONS	3	PT	S	H
CH2093	MECHANICAL OPERATIONS LAB	2	PT	S	H
CY2002	ORGANIC CHEMISTRY	3	PT	S	N
Semester : Monsoon Semester 2013-2014 (July 13 - December 13)					
CH3003 ✓	CHEMICAL REACTION ENGINEERING	3	PT	A	H
CH3091 ✓	ENVIRONMENTAL AND POLLUTION CONTROL LABORATORY	2	PT	A	H
CH3092 ✓	HEAT TRANSFER LABORATORY	2	PT	A	H
CH4022 ✓	PETROLEUM REFINING OPERATIONS AND PROCESSES	3	PT	A	H
CH3004 ✓	PROCESS INSTRUMENTATION	3	PT	B	H
CH3001 ✓	CHEMICAL ENGINEERING THERMODYNAMICS - II	3	PT	C	H
CH3002 ✓	MASS TRANSFER - I	3	PT	S	H

NAME: AMAL G S

ROLL NO : B110934CH

Semester : Winter Semester 2013-2014 (January 14 - June 14)

CH3007	PROCESS DYNAMICS & CONTROL	3	PT	A	H
CH3093	CHEMICAL REACTION ENGINEERING LAB	2	PT	A	H
MA3025	NUMERICAL METHODS FOR ENGINEERS	3	GE	A	H
CH3008	CHEMICAL PROCESS EQUIPMENT DESIGN	3	PT	B	H
CH3006	MASS TRANSFER - II	3	PT	S	H
CH3094	MASS TRANSFER LABORATORY	2	PT	S	H
CH4042	RISK ANALYSIS AND HAZOP	3	PT	S	H

Semester : Monsoon Semester 2014-2015 (July 14 - December 14)

CH4002	COMPUTER AIDED DESIGN	3	PT	A	H
CH4034	PROCESS MODELLING AND SIMULATION	3	PT	A	H
CH4092	PROJECT	3	PT	A	N
ME4104	PRINCIPLES OF MANAGEMENT	3	HL	A	H
NS4101-G	NANO SCIENCE AND TECHNOLOGY (GE)	3	GE	S	N
CH4001	TRANSPORT PHENOMENA	3	PT	S	H
CH4091	PROCESS DYNAMICS & CONTROL LAB	2	PT	S	H

Semester : Winter Semester 2014-2015 (January 15 - June 15)

CH4031	PROCESS AUTOMATION	3	PT	A	N
CH4051	COMPUTER APPLICATIONS IN CHEMICAL ENGINEERING	3	PT	A	H
CH4094	PROJECT	5	PT	A	N
MS4005	ENGINEERING ECONOMICS	3	HL	A	H
CH4093	SEMINAR	1	PT	B	N
CH4003	CHEMICAL PROCESS OPTIMIZATION	3	PT	S	H
CH4043	OPERATIONS RESEARCH	3	PT	S	N

Semester : Others (OT) [Pass (P)/Fail (F) Type]

ZZ1093	PHYSICAL EDUCATION	1	OT	P	N
ZZ1094	OT(VALUE EDUCATION)	1	OT	P	H
ZZ1095	NATIONAL SERVICE SCHEME	1	OT	P	H
CH3005	ENVIRONMENTAL STUDIES	3	OT	P	H

CGPA= 8.92

Accumulated Credits

Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	8	9	7	104	6	6	160

Checked By :

1. *SJ*
2. *ELM*

Deputy Registrar (Academic)



Grade	S	A	B	C	D	E	F	W	
Grade Points	10	9	8	7	6	5	0	0	
Code									
Category		Minimum cumulative credit to be earned							
Basic Sciences		BS			20				
Basic Engineering Sciences		ES			8				
Technical Arts		TA			7				
Humanities & Languages		HL			9				
Professional Theory and Lab Practicals		PT			104				
Global Electives		GE			6				
Others		OT			6				

CGPA (Cumulative Grade Point Average) = $\Sigma (C \times GP) / \Sigma C$ --> Summation is taken over all the courses registered for upto the final semester.

Pass/Fail courses are not included for computation of CGPA. * Credited by taking more than one chance

Attendance Code :

H - 90% and above
N - 80% and above, but less than 90%
L - Below 80%

CGPA 8 and above
CGPA 6.5 and above, but less than 8
CGPA 5 and above, but less than 6.5
CGPA Conversion to Percentage

First Class with Distinction
First Class
Second Class
(CGPA*10)-5

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

AMAL G S

the degree of

*Bachelor of Technology
in Chemical Engineering*

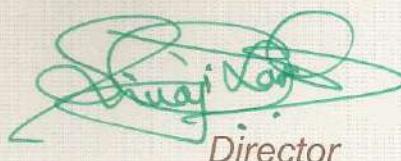
in the year 2015

*and places him/her in First Class with
Distinction*

Given at the National Institute of Technology Calicut

on 5th December, 2015


Registrar


Director