



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut

*upon the recommendation of the Senate, hereby confers on*

**FARIS MUHAMMED C P**

*the degree of*

**Bachelor of Technology**

in

**Chemical Engineering**

in the year 2024

and places him/her in

**Second Class**

*Given at the National Institute of Technology Calicut*

on September 07, 2024



Registrar

Director & Chairman Senate



राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट  
National Institute of Technology Calicut  
CONSOLIDATED GRADE CARD

Dated: February 1, 2024

Name: FARIS MUHAMMED C P ✓

Roll No: B190783CH ✓

Program of Study: B.Tech in Chemical Engineering ✓

Department / School: Chemical Engineering ✓

Month and year of admission: July 2019 ✓

Course Code	Course Title	Credits	Category	Grade
<b>Semester: Monsoon Semester 2019-20</b>				
BT1001D	Introduction to Life Science	2	BS	D
MA1001D	Mathematics-I	3	MA	C
PH1001D	Physics	3	BS	D
PH1091D	Physics Lab	1	BS	B
ZZ1091D	Workshop-I	2	BE	C
<b>Semester: Winter Semester 2019-20</b>				
CY1001D	Chemistry	3	BS	C
CY1094D	Chemistry Lab	1	BS	B
MA1002D	Mathematics-II	3	MA	C
MS1001D	Professional Communication	3	HL	D
ZZ1001D	Engineering Mechanics	3	BE	D
ZZ1004D	Computer Programming	2	BE	E
ZZ1092D	Workshop-II	2	BE	B
ZZ1093D	Physical Education	1	OT	P
<b>Semester: Monsoon Semester 2020-21</b>				
CH2001D	Chemical Technology	3	PC	D
CH2002D	Process Calculations	3	PC	E
CH2003D	Fluid Mechanics	3	PC	B
CH2004D	Mechanical Operations	3	PC	D
CH2091D	Chemical Analysis Laboratory	2	PC	A
CY2001D	Physical Chemistry	3	PC	D
MA2001D	Mathematics-III	3	MA	C
ZZ1094D	Value Education	1	OT	P
<b>Semester: Winter Semester 2020-21</b>				
CH2005D	Chemical Engineering Thermodynamics-I	3	PC	C
CH2006D	Heat Transfer	3	PC	E
CH2007D	Process Instrumentation	3	PC	C
CH2008D	Material Science	3	PC	C
CH2092D	Fluid Mechanics Laboratory	2	PC	B
CH2093D	Mechanical Operations Laboratory	2	PC	B
CY2002D	Organic Chemistry	3	PC	C
MA2002D	Mathematics-IV	3	MA	B
ZZ1002D	Engineering Graphics*	3	BE	D
ZZ1003D	Basic Electrical Sciences*	3	BE	D
ZZ1095D	NSS	1	OT	P
<b>Semester: Monsoon Semester 2021-22</b>				
CH3001D	Chemical Engineering Thermodynamics-II	3	PC	D
CH3002D	Mass Transfer-I	3	PC	D
CH3003D	Chemical Reaction Engineering-I	3	PC	C
CH3004D	Process Dynamics and Control	3	PC	E
CH3005D	Environmental Studies	3	OT	P
CH3022D	Petroleum Refining Operations and Processes	3	DE	D
CH3091D	Heat Transfer Laboratory	2	PC	A
ME3104D	Principles of Management	3	HL	B
<b>Semester: Winter Semester 2021-22</b>				
CH3006D	Mass Transfer-II	3	PC	E
CH3007D	Chemical Process Equipment Design	4	PC	E
CH3008D	Chemical Reaction Engineering-II	3	PC	E
CH3021D	Energy Technology	3	PC	E
CH3092D	Process Dynamics and Control Laboratory	3	DE	E
CH4037D	Safety in Chemical Industries	2	PC	C
MS3001D	Engineering Economics	3	DE	E
<b>Semester: Monsoon Semester 2022-23</b>				
CH4001D	Transport Phenomena	3	PC	D
CH4003D	Process Optimization	3	PC	E
CH4091D	Mass Transfer Laboratory	2	PC	C
CH4092D	Chemical Reaction Engineering Laboratory	2	PC	D
CH4093D	Project-Part 1	2	PC	B

Course Code	Course Title	Credits	Category	Grade
CH4094D	Seminar	1	PC	C
MS3601D	French-I	3	OE	E
<b>Semester: Winter Semester 2022-23</b>				
CH4095D	Project-Part 2	6	PC	A
ME4028D	Aerodynamics	3	OE	D
<b>Semester: SAY Examination Semester 2022-23</b>				
CH4002D	Computer Applications In Chemical Engineering*	3	PC	E
<b>Semester: Monsoon Semester 2023-24</b>				
CH3025D	Food Technology	3	DE	D
CH3030D	Human Resource Management	3	DE	E
<b>Semester: REX: Monsoon Semester 2023-24</b>				
CH4035D	Fuel Cells*	3	DE	D

CGPA = 6.43

## Accumulated Credits

Category	MA	BS	HL	BE	PC	OE	DE	OT	Total
Credits	12	10	9	15	84	6	18	6	160

Checked By :

- 1.
- 2.



Deputy Registrar (Academic)

Grade	S	B	C	D	E	R	F
Grade Points	10	9	8	7	6	5	0

Category	Code	Minimum cumulative credit to be earned
Mathematics	MA	12
Basic Science	BS	10
Humanities and Languages	HL	9
Basic Engineering	BE	15
Professional Core	PC	84
Open Electives	OE	6
Departmental Electives	DE	18
Other Courses	OT	6

CGPA (Cumulative Grade Point Average) = Sum of (credits x grade points)/sum of credits

OT courses are not included for computation of CGPA.

\* Credited by taking more than one chance

Class/Division :

First Class with Distinction : CGPA 8 and above  
 First Class : CGPA 6.5 and above, but less than 8  
 Second Class : CGPA 5 and above, but less than 6.5