National Institute of Technology Calicut

N. I. T. Campus (P. O.), Calicut - 673 601, Kerala, India.

Ref.No.GA3/Transcript/2021

Date: 14/01/2021

BONAFIDE STUDENT CERTIFICATE

1. Name

: KOLLA HRUDAYKUMAR

2. Roll No.

B140913ME

3. Degree

: B.Tech

4. Branch

: MECHANICAL ENGINEERING

5. Date of Birth

: 16/07/1996

6. Name of Father

: KOLLA MURALIKRISHNA

7. Period of Study

: July-2014 to June-2018

8. Duration of Course

: 8 Semesters(4 Years)

Methodology followed in : Award grades following

awarding Grades

grading system

10. Cumulative Grade Point : 7.77 / 10

Average on completion

of 8 th Semester

11. Character & Conduct

: **GOOD**

12. Medium of Instruction

: English



Deputy Registrar (Academic)

Deputy Registrar (Academic) National Institute of Technology Calicut NIT Campus. P.O. Calicut - 673601 - Kerala



National Institute of Technology Calicut

N. I. T. Campus (P. O.), Calicut - 673 601, Kerala, India. ACADEMIC PERFORMANCE REPORT BACHELOR OF TECHNOLOGY

Ref. No. TRANSCRIPT/BTECH/2014-15

Dated: 14 Jan 2021

CGPA= 7.56

Name

Mr/Ms KOLLA HRUDAYKUMAR

Month and year of admission: Jul-2014

inch inch inch inch inch inch inch inch					
Course Title					
Code	Credit	Core/Elect	Category	Att. Code	Grade
emester : Monsoon Semester 2014-2015 (July 14 - Decemb	er 14)				
	3	C	BS	Н	Α
1001 MATHEMATICS I	3	С	ES	Н	В
001 ENGINEERING MECHANICS	2	С	TA	Н	В
092 WORKSHOP II	1	С	BS	Н	С
094 CHEMISTRY LAB 004 COMPUTER PROGRAMMING	2	C	ES	Н	C
	3	С	BS	Н	D
001 CHEMISTRY 001 PROFESSIONAL COMMUNICATION	. 3	С	HL	Н	D
PA= 7.29			C	GPA= 7.	29
mester: Winter Semester 2014-2015 (January 15 - June 1	5)				
091 PHYSICS LAB	1	С	BS	Н	Α
202 ENGINEERING GRAPHICS	3	С	TA	Н	В
991 WORKSHOP I	2	С	TA	Н	В
001 INTRODUCTION TO MECHANICAL ENGINEERING	2	С	PT	Н	С
001 PHYSICS	3	С	BS	Н	С
002 MATHEMATICS II	3	С	BS	N	D
03 BASIC ELECTRICAL SCIENCES	3	С	ES	Н	D
A= 7.06			C	GPA= 7.	18
mester: Monsoon Semester 2015-2016 (July 15 - Decemb	er 15)				
101 MATERIALS SCIENCE AND METALLURGY	3	С	PT	Н	Α
94 ELECTRICAL MEASUREMENTS AND MACHINES LABORATORY	2	С	PT	N	В
001 MATHEMATICS - III	3	С	BS	N	В
002 ELEMENTS OF SOLID MECHANICS	3	С	PT	N	В
103 ENGINEERING MECHANICS-DYNAMICS	3	С	PT	N	. В
91 MACHINE DRAWING	2	С	PT	N	С
09 ELECTRICAL MEASUREMENTS AND MACHINES	3	С	PT	N	D
001 MECHANICS OF FLUIDS	3	C	PT	N	D
A= 7.50			С	GPA= 7.	30
mester: Winter Semester 2015-2016 (January 16 - June 16	5)				
92 FLUID MECHANICS & FLUID MACHINERY LABORATORY	2	С	PT	Н	Α
095 STRENGTH OF MATERIALS LABORATORY	2	С	PT	N	В
002 MATHEMATICS - IV	3	С	BS	N	В
111 ESSENTIALS OF MANAGEMENT .	3	С	HL	N	В
011 FLUID MACHINERY	3	C	PT	N	C
012 APPLIED MECHANICS OF SOLIDS	3	С	PT	N	С
013 MECHANICS OF MACHINERY	3	С	PT	N	С
	. 3	С	PT	N	С
THERMODYNAMICS					
THERMODYNAMICS A= 7.55			С	GPA= 7.	37
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December	er 16)		С	GPA= 7.	37
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 1) DYNAMICS OF MACHINERY					
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 1) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING	3	C	PT	N	В
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016 - Decembe	3 3	C	PT PT	N N	В
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016-2017) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS	3 3 2	C E C	PT PT PT	N N H	B B
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016-2017) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER	3 3 2 3	C E C	PT PT PT	N N H	B B B
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE	3 3 2 3 3	C E C C	PT PT PT PT PT	N N H N	B B B
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016-2017) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I	3 3 2 3 3	C E C C C	PT PT PT PT PT PT	N N H N H	B B B
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016-2017) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I = 8.37	3 3 2 3 3	C E C C	PT PT PT PT PT PT PT	N N H N H	B B B C C S
THERMODYNAMICS A= 7.55 THESTER : Monsoon Semester 2016-2017 (July 16 - December 2016 - Decem	3 3 2 3 3 3 2	C E C C C	PT PT PT PT PT PT PT	N N H N H	B B B C C S
THERMODYNAMICS A= 7.55 THERMODYNAMICS A= 7.55 THERMODYNAMICS THERMODYNAMI	3 3 2 3 3 3 2	C E C C C C	PT PT PT PT PT PT C	N N H N H H GPA= 7	B B B C C S
THERMODYNAMICS A= 7.55 nester: Monsoon Semester 2016-2017 (July 16 - December 2016 - Decembe	3 3 2 3 3 3 2	C E C C C C C C E E	PT PT PT C	N N H N H H H GPA= 7	B B B B C C S S S S S S S S S S S S S S
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THERMODYNAMICS A= 7.55 mester: Monsoon Semester 2016-2017 (July 16 - December 2016) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I SOLUTION ENGINEERING LABORATORY - I SOLUTION ENGINEERING - I MACHINING SCIENCE AND MACHINE TOOLS PRODUCTION ENGINEERING LAB - II	3 3 2 3 3 3 2 7)	C	PT PT PT PT PT PT PT PT PT	N N H H H H GPA= 7	B B B C S S S S
THERMODYNAMICS A= 7.55 mester: Monsoon Semester 2016-2017 (July 16 - December 2016) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I S.37 ester: Winter Semester 2016-2017 (January 17 - June 17) FLUID POWER CONTROLS THERMAL ENGINEERING - I MACHINING SCIENCE AND MACHINE TOOLS PRODUCTION ENGINEERING LAB - II GAS DYNAMICS	3 3 2 3 3 3 2 7)	C	PT	N N H H H H GPA= 7	B B B C S S S S
THERMODYNAMICS A= 7.55 mester: Monsoon Semester 2016-2017 (July 16 - December 2016) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I SA37 ester: Winter Semester 2016-2017 (January 17 - June 17) FLUID POWER CONTROLS THERMAL ENGINEERING - I MACHINING SCIENCE AND MACHINE TOOLS PRODUCTION ENGINEERING LAB - II GAS DYNAMICS METROLOGY AND INSTRUMENTATION	3 3 2 3 3 3 2 7)	C	PT	N N H H H H N N H H H N N N N N N N N N	B B B C C S
THERMODYNAMICS A= 7.55 mester: Monsoon Semester 2016-2017 (July 16 - December 2016) DYNAMICS OF MACHINERY CONTROL SYSTEMS ENGINEERING HEAT TRANSFER LABORATORY MANAGEMENT OF PRODUCTION SYSTEMS PRINCIPLES OF HEAT TRANSFER MANUFACTURING SCIENCE PRODUCTION ENGINEERING LABORATORY - I S.37 ester: Winter Semester 2016-2017 (January 17 - June 17) FLUID POWER CONTROLS THERMAL ENGINEERING - I MACHINING SCIENCE AND MACHINE TOOLS PRODUCTION ENGINEERING LAB - II GAS DYNAMICS	3 3 2 3 3 3 2 7)	C	PT	N N H H H H GPA= 7	B B B C C S S S S S B B B B B

Semeste	r: Monsoon Semester 2017-2018 (July 17 - December 17)	3	C	PT	N	Α
ME4101	OPERATIONS RESEARCH	3	E	PT	N	B
ME4032	AUTOMOBILE ENGINEERING	2	C	PT	Н	В
ME4091	HEAT ENGINES LABORATORY	_	C	PT	H	C
ME4098	PROJECT	3	C	PT	l N	S
ME4001	MACHINE DESIGN I	3	C	PT		-
ME4002	THERMAL ENGINEERING II	3		<u> </u>	N	S
ME4191	CAD/CAM LABORATORY	2	С	PT	H	S
SGPA=	8.84			С	GPA= 7	.74
Semeste	r: Winter Semester 2017-2018 (January 18 - June 18)					
EE3033-GE	FUZZY LOGIC SYSTEMS-GE	3	E	GE	N	В
MA3025	NUMERICAL METHODS FOR ENGINEERS	3	E	GE	N	В
ME4011	MACHINE DESIGN II	3.	С	PT	L	В
ME4097	SEMINAR	1.	С	PT	N	В
ME4099	PROJECT PROJEC	51	Ċ	PT	Н	В
MS4004	INDUSTRIAL ECONOMICS	3	С	HL	N	В
SGPA= {	3.00	27.00.15	DAY:	C	GPA= 7	77
SGPA= { Semester	5.00		-		GPA= 7	
	5.00		-	on the	· reign	oi
Semeste	r: Winter Semester 2014-2015 (January 15 - June 15)		C		a nejgn H	oi P
Semeste	r: Winter Semester 2014-2015 (January 15 - June 15) Control of the received PHYSICAL EDUCATION	ා ^ද ් පුරි දි 1 පහරට	C	ОТ	- reign H -e:J/Mi	oi P
Semester ZZ1093	r: Winter Semester 2014-2015 (January 15 - June 15) Control of the received PHYSICAL EDUCATION	10 ²¹ 3 01 3 1 aviation	C	ОТ	reion H Heishat Wadaa	ni P
Semester ZZ1093 Semester	PHYSICAL EDUCATION Monsoon Semester 2015-2016 (July 15 - December 15)	ා ^ද ් පුරි දි 1 පහරට	C	ОТ	- reign H -e:J/Mi	oi P
Semester ZZ1093 Semester	PHYSICAL EDUCATION T: Monsoon Semester 2015-2016 (July 15 - December 15) NATIONAL SERVICE SCHEME T: Winter Semester 2015-2016 (January 16 - June 16)	10 ²¹ 3 01 3 1 aviation	C	ОТ	H Signal N	P
Semester ZZ1093 Semester ZZ1095 Semester	PHYSICAL EDUCATION T: Monsoon Semester 2015-2016 (July 15 - December 15) NATIONAL SERVICE SCHEME	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C C	ОТ	e esigo H esignat Sondos N In Aug	P P
Semester ZZ1093 Semester ZZ1095 Semester	PHYSICAL EDUCATION T: Monsoon Semester 2015-2016 (July 15 - December 15) NATIONAL SERVICE SCHEME T: Winter Semester 2015-2016 (January 16 - June 16)	10 ²¹ 3 01 3 1 aviation	C	ОТ	H Signal N	P
Semester ZZ1093 Semester ZZ1095 Semester	PHYSICAL EDUCATION T: Monsoon Semester 2015-2016 (July 15 - December 15) NATIONAL SERVICE SCHEME T: Winter Semester 2015-2016 (January 16 - June 16) OT(VALUE EDUCATION)	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C C	ОТ	e esigo H esignat Sondos N In Aug	P P
Semester ZZ1093 Semester ZZ1095 Semester ZZ1094	PHYSICAL EDUCATION T: Monsoon Semester 2015-2016 (July 15 - December 15) NATIONAL SERVICE SCHEME T: Winter Semester 2015-2016 (January 16 - June 16) OT(VALUE EDUCATION)	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C C	ОТ	e esigo H esignat Sondos N In Aug	P P

Catagoni								
Category	BS	ES	HL	TA	PT	GE	OT	Total
Credits	20	•	1				01	Total
or curts	20	8	9	7	104	6	6	160

Checked By:

1.

2.

Registrar (Academic)

Deputy Registrar (Academic) National Institute of Technology Calicu

NIT Campus. P.O.

Grade S A B	Section	Calid	cut - 673601	- Kerala
Grade Points 10 9 8	N E	R	. F	W
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Category	Code	Minimum
Basic Sciences		Minimum cumulative credit to be earned
Basic Engineering Sciences	BS	20
Technical Arts	ES	8
Humanities & Languages	IA	7
Professional Theory and Lab Practicals	HL DT-	9
Global Electives	PI	7704
Others	GE	6
	OI .	6

CGPA (Cumulative Grade Point Average) = ≥ (C x GP) / ≥C -> Summation is taken over all the courses The CGPA Conversion to Percentage = (CGPA -0.5) x10
Pass/Fail courses are not included for computation of CGPA. * Credited by taking more than one chance registered for upto the final semester.

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

First Class with Distinction First Class Second Class





61 125

National Institute of Technology Calicut

N.I.T. Campus (P.O), Calicut, Kerala, India. 673 601

Profile of the Institute

National Institute of Technology Calicut (NITC) is one of premier National Level Institutions for Technical Education in India. This was formerly known as Calicut Regional Engineering College. On the basis of the Mashelkar Committee report and the report of the Empowered Committee for the implementation of it, the Government of India elevated Calicut Regional Engineering College as affiliated college of University of Calicut to a Deemed University under the name National Institute of Technology Calicut along with all other Regional Engineering Colleges in the country. In the year 2007, NIT Calicut has been declared as an "Institution of National Importance" and became a statutory body under the "NIT Act 2007" passed by the Indian Parliament.

The Institute imparts instruction at Under Graduate (UG) level in Civil Engineering (CE), Computer Science & Engineering (CSE); Electrical & Electronics Engineering (EEE), Electronics & Communication Engineering (ECE), Mechanical Engineering (ME), Production Engineering (PE), Chemical Engineering (CHE), Bio-Technology (BT), Architecture (ARC) and Engineering Physics (EP). At Post Graduate (PG) level, there are 26 courses in different branches of Engineering, Physics, Chemistry and Mathematics which include five courses in Civil Engineering, two in Computer Science & Engineering, five in Electrical Engineering, four in Electronics & Communication Engineering, six in Mechanical Engineering and one in Nano Science and Technology and three 2 year course in M.Sc. in the department of Mathematics, Chemistry and Physics. Apart from the above, the Institute also offers a course in Master of Computer Applications (MCA), and another course of Master of Business Administration (MBA). The UG programmes in Engineering are of 4 years duration whereas the UG programme in Architecture is of 5 years duration. The PG Programmes in Engineering, MSc. and Management are of 2 years duration whereas the MCA programme is of 3 years duration. The Institute follows a credit based semester system with effect from 2002-03 academic year. Prior to 2002-03, aggregate percentage of marks was used to award Class/Division.

National institute of Technology Calicut is a recognized centre for M.Tech. and Ph.D. programmes sponsored by Government of India under Quality Improvement Programme (QIP) for Teachers from Engineering Colleges and Polytechnics. The Institute is also an approved training center for Early Faculty Induction Programme of Government on India. The Institute also provides facilities for research leading to Ph.D. Degree and undertakes different research/consultancy activities from Industries and other sources.

NIT Calicut Date: 14.01.2021

Deputy Registrar (Academic)

Deputy Registrar (Academic) National Institute of Technology Calicut NIT Campus. P.O. Calicut - 673601 - Kerala

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट National Institute of Technology Calicut





TRUE COPY

Upon the recommendation of the Senate hereby confers on

KOLLA HRUDAYKUMAR

the degree of

Deputy Registrar (Academic)
National Institute of Technology Calicut
NIT Campus. P.O

Bachelor of Technology dicut - 673601 - Kerala

in Mechanical Engineering

in the year 2018

Pin: 673601 &

Academic Section

and places him/her in First Class

Given at the National Institute of Technology Calicut

on 29th September, 2018

Registrar

Director