

Cochin University of Science and Technology
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 16180061

FACULTY OF ENGINEERING

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

VISHNU C NAMBOODIRI

has been awarded the Degree of

BACHELOR OF TECHNOLOGY

in

Safety and Fire Engineering

*He/She having undergone the prescribed course of study and having been certified by duly
appointed examiners to be qualified to receive the same and placed by them in the*

First Class with Distinction

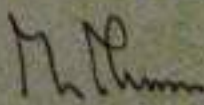
at the examination held in

April 2021.

Given under the seal of the University this day , 06 October, 2021.

Kochi -682 022
Kerala, India.

Sl.No:0124686


Vice - Chancellor

Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section - **EJ**

MEMORANDUM

Serial No. 566723

Dated: 19/04/2018

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the **B.Tech Degree I SEMESTER EXAMINATION - NOVEMBER 2017**
Branch: **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqrd.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
AS-1101	CALCULUS	043	060	031	040	074	100	3	B	NOV'17
AS-1102	ENGINEERING PHYSICS	049	060	033	040	082	100	3	A	NOV'17
GE-1103	ENGINEERING MECHANICS	044	060	033	040	077	100	4	B+	NOV'17
GE-1104	BASIC CIVIL ENGINEERING	050	060	036	040	086	100	3	A+	NOV'17
GE-1105	BASIC MECHANICAL ENGINEERING	041	060	029	040	070	100	3	B	NOV'17
HS-1106	TECHNICAL COMMUNICATION AND PROFESSIONAL ETHICS	045	060	028	040	073	100	2	B	NOV'17
GE-11L1	CIVIL ENGINEERING WORKSHOP	022	025	024	025	046	050	1	S	NOV'17
GE-11L2	MECHANICAL ENGINEERING WORKSHOP	023	025	023	025	046	050	1	S	NOV'17
HS-11L3	LANGUAGE LAB	019	025	022	025	041	050	1	A	NOV'17
HS-11L4	NSS / NATURE CONSERVATION	--	--	038	050	038	050	1	B+	NOV'17
Result	PASSED	Total				0633	0800	22	G.P.A. : 8.68	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS - 45% AND PASS MINIMUM (TOTAL) - 50%

Asst. SO. A.R. D.R./J.R.



[Signature]
CONTROLLER OF EXAMINATIONS

Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section : **SI**

MEMORANDUM

Serial No. : **582695**

Dated : **15/09/2018**

The following are the marks scored by **VISHNU C NAMBOODIRI**

at the **B.Tech Degree II SEMESTER EXAMINATION - APRIL 2018**

Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqfd.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
GE-1201	COMPUTER PROGRAMMING	043	060	033	040	076	100	3	B+	APR'18
AS-1202	ENGINEERING CHEMISTRY	055	060	036	040	091	100	3	S	APR'18
GE-1203	ENGINEERING GRAPHICS	036	060	035	040	071	100	5	B	APR'18
GE-1204	BASIC ELECTRICAL ENGINEERING	057	060	036	040	093	100	3	S	APR'18
GE-1205	BASIC ELECTRONICS ENGINEERING	036	060	039	040	075	100	3	B+	APR'18
AS-1206	ENVIRONMENTAL STUDIES	041	060	035	040	076	100	3	B+	APR'18
GE-12L1	ELECTRICAL ENGINEERING WORKSHOP	022	025	024	025	046	050	1	S	APR'18
GE-12L2	COMPUTER PROGRAMMING LABORATORY	023	025	020	025	043	050	1	A+	APR'18
Result	PASSED	Total				0571	0700	22	G.P.A. : 8.91	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS - 45% AND PASS MINIMUM (TOTAL) - 50%

Asst. SO A.R. D.R./J.R.



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Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section: **ET**

MEMORANDUM

Serial No. : 583064

Dated : 05/04/2019

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the B.Tech Degree III SEMESTER EXAMINATION - NOVEMBER 2018
Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqd.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
AS-1301	LINEAR ALGEBRA AND TRANSFORM TECHNIQUES	051	060	038	040	089	100	3	A+	NOV 18
SE-1302	CHEMICAL PROCESS PRINCIPLES	039	060	036	040	075	100	3	B+	NOV 18
SE-1303	ENGINEERING FLUID MECHANICS AND MACHINERY	054	060	034	040	088	100	3	A+	NOV 18
SE-1304	PRINCIPLES OF SAFETY MANAGEMENT	041	060	034	040	075	100	3	B+	NOV 18
SE-1305	ELEMENTS OF MACHINE DRAWING	046	060	034	040	080	100	3	A	NOV 18
SE-1306	SAFETY IN CONSTRUCTION	040	060	035	040	075	100	3	B+	NOV 18
SE-13L1	FLUID MECHANICS & MACHINERY LABORATORY	022	025	022	025	044	050	2	A+	NOV 18
SE-13L2	SAFETY ENGINEERING LABORATORY	024	025	022	025	046	050	2	S	NOV 18
Result	PASSED	Total				0572	0700	22	G.P.A. : 9.07	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS : 45% AND PASS MINIMUM (TOTAL) : 50%

Asst. S.O. A.R. D.R./J.R.

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Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section : **CE**

MEMORANDUM

Serial No. **630048**

Dated **26/06/2019**

The following are the marks scored by **VISHNU C NAMBOODIRI**

at the **B.Tech Degree IV SEMESTER EXAMINATION - APRIL 2019**

Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : **16180061**

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqd.	Grade	Month & Year
		Avd.	Max.	Avd.	Max.	Avd.	Max.			
AS-1401	COMPLEX VARIABLES AND PARTIAL DIFFERENTIAL EQUATIONS	043	060	038	040	081	100	3	A	APR 19
SE-1402	HEAT AND MASS TRANSFER OPERATIONS	056	060	038	040	094	100	3	S	APR 19
SE-1403	STRENGTH OF MATERIALS	054	060	037	040	091	100	3	S	APR 19
SE-1404	FIRE ENGINEERING FUNDAMENTALS	046	060	037	040	083	100	3	A	APR 19
SE-1405	ELECTRICAL TECHNOLOGY AND SAFETY	057	060	035	040	092	100	3	S	APR 19
SE-1406	OCCUPATIONAL HEALTH AND FIRST AID	052	060	038	040	090	100	3	S	APR 19
SE-14L1	STRENGTH OF MATERIALS LABORATORY	021	025	024	025	045	050	2	S	APR 19
SE-14L2	ELECTRICAL TECHNOLOGY LABORATORY	021	025	020	025	041	050	2	A	APR 19
Result	PASSED	Total				0617	0700	22	G.P.A. : 9.64	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS : 45% AND PASS MINIMUM (TOTAL) : 50%

Asst. S.O. A.R. D.R./J.R.



(Signature)
CONTROLLER OF EXAMINATIONS

Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section : **CI**

MEMORANDUM

Serial No. : **597325**

Dated : **23/03/2020**

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the **B.Tech Degree V SEMESTER EXAMINATION - NOVEMBER 2019**
Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : **16180061**

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqf.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
AS-1501	NUMERICAL AND STATISTICAL METHODS	058	060	039	040	097	100	3	S	NOV 19
SE-1502	CHEMICAL TECHNOLOGY AND REACTION ENGINEERING	055	060	038	040	093	100	3	S	NOV 19
SE-1503	PRINCIPLES OF ENGINEERING DESIGN	037	060	037	040	074	100	3	B	NOV 19
SE-1504	PLANNING AND DESIGN OF FIRE PROTECTION SYSTEMS	050	060	036	040	086	100	3	A+	NOV 19
SE-1505	MANUFACTURING PROCESSES	054	060	039	040	093	100	3	S	NOV 19
SE-1506	CHEMICAL PROCESS SAFETY	051	060	038	040	089	100	3	A+	NOV 19
SE-15L1	CHEMICAL ENGINEERING LABORATORY	025	025	024	025	049	050	2	S	NOV 19
SE-15L2	FIRE SAFETY TRAINING	019	025	023	025	042	050	2	A	NOV 19
Result	PASSED	Total				0623	0700	22	G.P.A. : 9.50	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS : 45% AND PASS MINIMUM (TOTAL) : 50%

Asst. S.O. A.R. D.R./J.R.



CONTROLLER OF EXAMINATIONS



Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section: **C3**

MEMORANDUM

Serial No. : 609877

Dated : 28/12/2020

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the **B.Tech Degree VI SEMESTER EXAMINATION - APRIL 2020**
Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqd.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
SE-1601	LEGAL ASPECTS OF HSE	054	060	036	040	090	100	3	S	APR '20
SE-1602	PROCESS INSTRUMENTATION AND CONTROL	055	060	038	040	093	100	3	S	APR '20
SE-1603	HAZARD CONTROL IN MANUFACTURING	050	060	037	040	087	100	3	A+	APR '20
SE-1604	STRUCTURAL FIRE SAFETY	054	060	039	040	093	100	3	S	APR '20
SE-1605	ENVIRONMENTAL ENGINEERING AND MANAGEMENT	060	060	036	040	096	100	3	S	APR '20
SE-1606	SAFETY IN PETROLEUM AND PETROCHEMICAL INDUSTRIES	055	060	040	040	095	100	3	S	APR '20
SE-16L1	MACHINE SHOP	020	025	022	025	042	050	2	A	APR '20
SE-16L2	ENVIRONMENTAL ENGINEERING & MANAGEMENT LABORATORY	023	025	022	025	045	050	2	S	APR '20
Result	PASSED	Total				0641	0700	22	G.P.A. : 9.84	

PASS MINIMUM FOR UNIVERSITY EXAMINATIONS - 45% AND PASS MINIMUM (TOTAL) 50%

Asst. S.O. A.R. D.R./J.R.

CONTROLLER OF EXAMINATIONS



Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Section **EI**

MEMORANDUM

Serial No. - 622451

Dated: 24/08/2021

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the **B.Tech Degree VII SEMESTER EXAMINATION - NOVEMBER 2020**
Branch: **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqit.	Grade	Month & Year	
		Awd.	Max.	Awd.	Max.	Awd.	Max.				
SE-1701	HAZARD IDENTIFICATION AND RISK ASSESSMENT	048	060	038	040	086	100	3	A+	NOV'20	
SE-1702	TRANSPORTATION SYSTEMS AND SAFETY	057	060	036	040	093	100	3	S	NOV'20	
SE-1703	PRINCIPLES OF INDUSTRIAL MANAGEMENT	041	060	035	040	076	100	3	B+	NOV'20	
SE-1704	LIFE SAFETY IN BUILDING FIRE	050	060	040	040	090	100	3	S	NOV'20	
SE-1705	HSE ENGINEERING AND MANAGEMENT IN FERTILISER INDUSTRY	041	060	038	040	079	100	3	B+	NOV'20	
SE-17L1	FIRE ENGINEERING LABORATORY	026	025	024	025	049	050	2	S	NOV'20	
SE-17L2	INDUSTRIAL HYGIENE LABORATORY	024	025	025	025	049	050	2	S	NOV'20	
GE-17L3	ENTREPRENEURSHIP DEVELOPMENT	—	—	043	050	043	050	1	A+	NOV'20	
SE-17L4	COMPUTATIONAL LABORATORY	025	025	024	025	049	050	2	S	NOV'20	
Result	PASSED					Total	0614	0700	22	G.P.A. : 9.50	

PASS MINIMUM FOR EACH PAPER IS 50% OF THE TOTAL MARKS WITH A MINIMUM OF 45% IN THE THEORY - UNIVERSITY EXAMINATIONS

Asst. S.O. AR. DR./JR.



CONTROLLER OF EXAMINATIONS

Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Serial No. : 822125

Dated : 24/08/2021

Section :

EI

MEMORANDUM

The following are the marks scored by **VISHNU C NAMBOODIRI**
at the B.Tech Degree VIII SEMESTER EXAMINATION - APRIL 2021
Branch : **SAFETY AND FIRE ENGINEERING**

REGISTER NUMBER : 16180061

Sub. Code	SUBJECT	External		Internal		Total		Credits Acqd.	Grade	Month & Year
		Awd.	Max.	Awd.	Max.	Awd.	Max.			
SE-1801	HUMAN FACTORS ENGINEERING	047	060	039	040	086	100	3	A+	APR'21
SE-1802	ADVANCED SAFETY ENGINEERING AND MANAGEMENT	056	060	037	040	092	100	3	S	APR'21
SE-1803	DISASTER MANAGEMENT	055	060	037	040	092	100	3	S	APR'21
SE-1804	TOTAL QUALITY MANAGEMENT	050	060	036	040	086	100	3	A+	APR'21
SE-18L1	SEMINAR	—	—	048	050	048	050	2	S	APR'21
SE-18L2	PROJECT	—	—	182	200	182	200	6	S	APR'21
SE-18L3	COMPREHENSIVE VIVA VOCE	046	050	—	—	046	050	2	S	APR'21
Result	PASSED	Total for the Eighth Semester				0631	0700	22	G.P.A. : 9.86	

CONSOLIDATION

Semester	G.P.A	Month & Year of Pass
I Semester	08.68	NOV'17
II Semester	08.91	APR'18
III Semester	09.07	NOV'18
IV Semester	09.64	APR'19
V Semester	09.50	NOV'19
VI Semester	09.84	APR'20
VII Semester	09.50	NOV'20
VIII Semester	09.86	APR'21
C.G.P.A	09.38	

PASS MINIMUM FOR EACH PAPER IS 50% OF THE TOTAL MARKS WITH A MINIMUM OF 45% IN THE THEORY - UNIVERSITY EXAMINATIONS

The candidate has successfully completed all semesters and is eligible for the award of B.Tech Degree

Abst. S.O. A.R. D.R./J.R.



CONTROLLER OF EXAMINATIONS