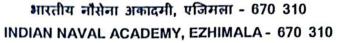


### जवाहरलाल नेहरू विश्वविदयालय JAWAHARLAL NEHRU UNIVERSITY नई दिल्ली /NEW DELHI-110 067





Serial No: 1530

अकादमी सं./Academy No:3090/96

नामांकन सं./Enrolment No: INAE/13(96)/45

### प्रवास प्रमाणपत्र / MIGRATION CERTIFICATE

- This is to certify that KANNANGARA KORALALAGE XASUNANURADHA KANNANGARA Son of XXW ARIVAPALA underwent B.Tech DegreeCourse at Indian Naval Academy from 29th June 2015 to 25th May 2019.
- He successfully completed the programme at the Indian Naval Academy and was awarded

## <u> B.Tech Degree</u>

## Mechanical Engineering

- The Indian Naval Academy is recognized by Jawaharlal Nehru University, New 3. Delhi for the award of B.Tech degree in Applied Electronics and Communication/ Mechanical/Electronics & Communication Engineering disciplines and M.Sc degree in Applied Electronics and Communication vide JNU Executive Council Resolution No.5.10/EC dated 21-01-1987, JNU letter No.DEF/NCE/Gen/2000/660 dated 08 Aug 2000 and JNU letter No. JNU/Def.Cell/SC/2015/482 dated 27th May 2015.
- There is no objection from this university for him to pursue further studies. 4.

Date: 14 May 19 Ezhimala

(S M Singh) कमांडर

Commander

उपकुलसचिव (परीक्षा &वि.म) Dy Registrar (Exams & UA)

भारतीयनौसेनाअकादमी Indian Naval Academy

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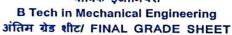
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### जवाहरलाल नेहरू विश्वविद्यालय JAWAHARLAL NEHRU UNIVERSITY नईदिल्ली / NEW DELHI-110 067

भारतीय नौसेना अकादमी - एजिमला INDIAN NAVAL ACADEMY – EZHIMALA यांत्रिक इंजीनियरी







सत्रविध/ DURATION: 2015 - 2019

SERIAL NO: 1530

NAME / नाम: KANNANGARA KORALALAGE KASUN ANURADHA

KANNANGARA

COURSE NO: 96 INAC

ACADEMY NO: 3090/96

SNO	कोड/		क्रेडिट/	ग्रेड/
3140	Code	विषय/ Subject	Credit	Grade
		सत्र/ SEMESTER - I		
1	CSL301	Computer Engineering and Organisation	3	AM
2	EYL301	Ecology, Environment & Renewable Energy	3	BP
3	MEP201	Engineering Drawing -I	2	AM
4	ENL301	Communicative English-I	3	BP
5	MAL401	Linear Algebra & Advanced Calculus	4	во
6	PHL401	Engineering Physics-I	4	AM
7	CHL201	Engineering Chemistry	2	AM
		सत्र/ SEMESTER - II		
8	CSL302	Computer Science	3	BP
9	MEP402	Engineering Drawing - II	4	AM
10	MEP203	Manufacturing Technology and Materials	2	ВР
11	ENL302	Communicative English-II	2	BP
12		Differential Equations and Transforms	4	во
13		Engineering Physics-II	3	AM
14		Welding and Soldering	1	AO
15	MEP105	Fitting and Carpentry	1	BP
		सत्र/ SEMESTER - III		
16	ECL309	Basic Electronic Circuits	3	AM
17	ECL301	Elements of Electrical Engineering	3	BP
18	AML301	Engineering Mechanics	3	AM
19	MEL401	Fundamentals of Thermal & Fluid Engineering	4	во
20	MAL403	Numerical Methods & Functions of Complex Variables	4	BP
21	HUL401	Military and Maritime History	4	AM
		सत्र/ SEMESTER - IV		
22	MEL302	Strength of Materials	3	BP
23	MEL203	Manufacturing Technology II	2	AM
24			3	BP
25		Kinematics of Machines	3	BP
26	MAL404	Probability & Statistics	4	BP
27		Electrical Machines - I	3	AM
28		Foundry & Forging Workshop	1	AO
29	TEP101	Term Paper	1	AM

SNO	कोड/ Code	विषय/ Subject	क्रेडिट/ Credit	योड/ Grade
		सत्र/ SEMESTER - V		
30	MEP307	Engg Machine Drawing	3	AM
31	MEL310	Material Science	3	ВР
32	MEL409	Applied Thermodynamics	4	BP
33	MEL308	Fluid Mechanics	4	BP
34	MEL306	Manufacturing Technology III	3	AO
35	MEP108	Machine Shop	1	AO
36	MEP109	Basic Material Testing Lab	1	BP
37	MEP110	Metrology lab	1	BP
38	MEP111	Fluid Machinery Lab	1	BP
		सत्र/ SEMESTER – VI		
39	MEL317	Theory of Machines	3	BP
40	MEL311	Design of Machine Elements I	3	BP
41	MEL312	CAE & Modeling	3	AM
42	MEL313	Heat Transfer	4	ВР
43	MEL416	Fluid Power Controls	4	AM
44	MEL315	Measurement & Controls	4	BP
45	TEP102	Term Paper	1	AM
		सत्र/ SEMESTER - VII		
46	MEL321	Design of Machine Elements II	4	AM
47	MEL419	Mechatronics & Microprocessors	4	АМ
48	MEL318	IC Engines	3	АМ
49	MEL322	Noise and Vibration	4	АМ
50	MED401	Minor Project	4	AM
		W 05450755		
51	MEL224	सत्र/ SEMESTER - VIII		
52	MEL224 HUL302	Advanced Material Science Fundamentals of Management	4	AM
53	HUL303	Analytical Decision Making	3	AM
54	MEL423	Turbo Machinery	4	AO
55	OBD201	Oral Board	2	AM
56	MED802	Major Project	8	AO

Semester - I		S	emester -	- 11	S	Semester - III Semester -		mester -	IV		
Credit	SG	PA	Credit	SGPA	CGPA	Credit	SGPA	CGPA	Credit	SGPA	CGPA
21	6.3	33	20	6.25	6.29	21	6.28	6.29	20	6.40	6.31
Semester - V		Se	emester -	VI	Se	mester -	VII	Semester - VIII			
Credit	SGPA	CGPA	Credit	SGPA	CGPA	Credit	SGPA	CGPA	Credit	SGPA	CGPA
21	6.52	6.35	22	6.36	6.36	19	7.00	6.44	24	7.50	6.59
Total Credit		Total	points	FG	FGPA % (Percentage) Cla		ass/Division				
168		11	08	, 6.	59	70.	.90	LOWER FIRST CLASS			

Date: 14 May 19 Ezhimala

(एस एम सिंह) (S M Singh) कमांडर Commander उपकुलसचिव (परीक्षा &वि.म) Dy Registrar (Exams & UA) भारतीय नौसेना अकादमी Indian Naval Academy

डॉ. गुञ्जन सिंह/Dr SAJJAN SINGH ताटायक कुलसचिव (मृत्यांकन) Assistant Registrar (Evaluation) जवाहरलाल नेहरू विश्वविद्यालय Jawahartal Nehru University नई दिल्ली/New Delhi-110067

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#### **GRADING SYSTEM**

1. The University follows a ten point letter grading scale (as given below) for evaluation of student's academic performance in the courses during the semester:-

Grade	Numerical Value
AP	9
AO	8
AM	7
BP	6
ВО	5
ВМ	4
CP	3
CO	2
CM	1
F	0

**FGPA** 

- 2. There is no rounding off either of the Semester Grade Point Average (SGPA) or Cumulative Grade Point Average (CGPA) or Final Grade Point Average (FGPA) at the end of each successive semester as well as at the end of the programme.
- 3. SGPA/CGPA/FGPA obtained by the student is out of maximum possible '9' points.
- 4. The Final Grade Point Average (FGPA) obtained by the Cadet shall be classified into following divisions:-

Class Division

8.5 and above	High First Class
7.5 and above but less than 8.5	Middle First Class
6.5 and above but less than 7.5	Lower First Class
5.5 and above but less than 6.5	<b>High Second Class</b>
4.5 and above but less than 5.5	Middle Second Class
3.5 and above but less than 4.5	Lower Second Class
3.0 and above but less than 3.5	Pass

For proper evaluation of student's academic standing his/her entire transcript representing his/her performance in all the semesters should be taken into consideration.

Compared By	Red
Checked By	Que.



# जवाहरलाल नेह्रु विश्वविद्यालय

नई दिल्ली





(भारतीय नौंसेना अकादमी,एजिमला)

विद्या परिषद् की संस्तुति पर

## कन्नन्गरा कोरललगे कसून अनुराधा कन्नन्गरा

को

### प्रौद्योगिकी स्नातक

की उपाधि प्रदान करता है जिन्होंने संबंधित अध्यादेश के अन्तर्गत निर्धारित अपेक्षाओं को वर्ष 2019 में सफलतापूर्वक पूरा किया है।

विषय क्षेत्र:

यांत्रिक इंजीनियरी

यह उपाधि विश्वविद्यालय की मुहर से नई दिल्ली, भारत गणराज्य में प्रदान की गई।

# Jawaharlal Nehru University

New Delhi

(INDIAN NAVAL ACADEMY, EZHIMALA)

Upon the recommendation of the Academic Council bereby confers the Degree of

# **Bachelor of Technology**

On KANNANGARA KORALALAGE KASUN ANURADHA KANNANGARA

who has successfully completed in the year 2019 the requirements prescribed under the Ordinance for the award of this Degree.

Discipline:

Mechanical Engineering

Given this day under the seal of the University at New Delhi in the Republic of India दिनांक/The



**रिवाम<u>न</u>** कुलसचिव/Registrar मुख्यविश्विकार



-		
	जाँचकर्ता/Checked by :	ţ
	हस्ताक्षर (सहायक)/Signature (Asst.) :	
	हस्ताक्षर (अनु.अधि.)/Signature (SO) :	
	हस्ताक्षर (सहा.कुल./उप कुल.)/Signature (AR/DR)	