

जवाहरलाल नेहरू विश्वविद्यालय
नई दिल्ली

Jawaharlal Nehru University

New Delhi

(Naval College of Engineering, J N S Shivaji, Lonabla)

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

Bachelor of Technology

On HS AMARASEKARA

who has successfully completed in the year 2004 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.

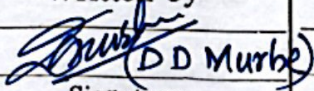
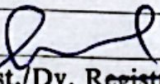
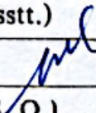

The 24 NOV 2015



[Signature]
Registrar

[Signature]
Vice-Chancellor

Nº 001009

Written by	Checked by
 Signature	
 Sig. (Asst./Dy. Registrar)	 Signature (Asstt.)
	 Signature (S/O.)



Jawaharlal Nehru University
New Delhi - 110 067


(Centre: Naval College of Engineering, INS Shivaji, Lonavla - 410 402)

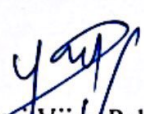
College Registration No.: 02B13

Enrolment No.: NCE/BEC/90/11



MIGRATION CERTIFICATE

1. This is to certify that **HS AMARASEKARA** underwent Three Year integrated B.Tech. degree course at Naval College of Engineering from **18 Dec 2001** to **11 Dec 2004.**
2. He successfully completed the programme at the college and was awarded B.Tech. degree in **Mechanical Engineering.**
3. The Naval College of Engineering is recognised by the Jawaharlal Nehru University, New Delhi for the award of B.Tech. degree in Mechanical/Electrical disciplines vide JNU Executive Council Resolution No. 5.10/EC dated 21-01-1987.
4. There is no objection from this university for him to pursue further studies.

Prepared By: 
(DD Murhe)
Sr. Draughtsman


(Hari Vijay Pala)
Commander
Registrar (Academics)
Naval College of Engineering
INS Shivaji
Lonavla 410402

Date: 24 NOV 2015


 मदन लाल / MADAN LAL
अनुष्ठा अधिकारी / Section Officer
कार्यालय रक्षा प्रकोष्ठ / O/o the Defence Cell
जवाहरलाल नेहरू विश्वविद्यालय
Jawaharlal Nehru University
नई दिल्ली / New Delhi-110067



टेलि. ०२११४-२८५२०६
फॅक्स. ०२११४-२८४२५१

Tel. 02114-285206
Fax : 02114-284251

नीसौनिक अभियांत्रिकी महाविद्यालय
भा. नौ. पो. शिवाजी - लोनावला ४१०४०२
Naval College of Engineering
INS Shivaji
Lonavla 410 402.

TO WHOMSOEVER IT MAY CONCERN

1. This is to certify that Naval College of Engineering, established in 1957, is recognized by the Jawaharlal Nehru University (JNU), New Delhi since 1984. The Naval officers, on completion of the 3 year Basic Engineering Course (Post B.Sc. / Technical Diploma) / 4 year Naval Engineering Course (Post 10 + 2) are awarded B. Tech Degree by the JNU / Naval College of Engineering in Mechanical / Electrical & Electronics Engineering. Technical Diploma / Science Degree holders are eligible to be admitted to the third semester of the eight semesters degree course vide JNU ordinance 37.144.
2. This college is recognized by All India Council for Technical Education (AICTE) since 1994 and the above courses conducted at this College are also recognized by the Institution of Engineers (India) since 1964.
3. In addition, Association of Indian Universities recognises the Engineering courses conducted at Naval College of Engineering as equivalent to B.E. for the purpose of Admission in Indian Universities / Institutes for pursuing higher studies since 1975.

Place: Lonavla

Date: 05 Jul 07



A. Thirumalairaja
(A Thirumalairaja)
Scientist 'D'
Registrar (Academics)

NAVAL COLLEGE OF ENGINEERING



Estd: 1957

INS SHIVAJI, LONAVLA – 410 402
INDIA

MIGRATION CERTIFICATE

This is to certify that during 18 Dec 2001 to 14 Dec 2004, **HASITHA SOYSA AMARASEKARA** son of **SANTHA SOYSA AMARASEKARA** has successfully completed the Basic Engineering Course (B.Tech degree course, with admission to the third semester) in Mechanical Engineering.

This Institution has no objection to his pursuing further studies at any other Institution.

Naval College of Engineering
INS Shivaji
Lonavla – 401 402

A. Thirumalairaja
(A Thirumalairaja)
Scientist 'D'
Registrar (Academics)

Date: 05 May 2007



NAVAL COLLEGE OF ENGINEERING



INS SHIVAJI, LONAVLA BASIC ENGINEERING COURSE MARK LIST

NAME :SLT HS AMARASEKARA

PERSONAL NO.: (NRE 1646)

COURSE NO. :63.257(90TH BEC)

COLLEGE REGN NO.: 02B13

DATE OF COMMENCEMENT: 18 DEC 2001


DATE OF COMPLETION: 11 DEC 2004

<u>SEMESTER</u>	<u>MAXIMUM MARKS</u>	<u>MARKS OBTAINED</u>
I	1100	750
II	1150	812
III	1300	789
IV	1350	844
V	1350	823
VI	1350	938
TOTAL	7600	4956

GRAND TOTAL : 4956 /7600

PERCENTAGE 65.21 %


(PJ Singh)
Lieutenant Commander
Oi/c Training Design Cell


(Dr. VP Singh)
Scientist 'G'
Principal



BASIC ENGINEERING COURSE (MECHANICAL ENGINEERING)
SEMESTER WISE MARK LIST
SLT HS AMARASEKARA (NRE 1646) COURSE NO.: 63.257 - 90 BEC

<u>SNO</u>	<u>SUBJECT</u>	<u>MAX. MARKS</u>	<u>MARKS OBTD</u>	<u>SNO</u>	<u>SUBJECT</u>	<u>MAX. MARKS</u>	<u>MARKS OBTD</u>
<u>SEMESTER I</u>				<u>SEMESTER IV</u>			
1.	ENGINEERING MATHEMATICS I	150	123	22.	THEORY OF MECHANISMS	200	104
2.	ENGINEERING GRAPHICS	150	101	23.	THERMAL SCIENCE II	200	122
3.	APPLIED MECHANICS	150	81	24.	MACHINE DESIGN II	200	130
4.	PRODUCTION ENGINEERING I	150	113	25.	MEASUREMENTS & CONTROLS	200	114
5.	COMPUTER SCIENCE II	150	98	26.	NAVAL ARCHITECTURE	150	113
6.	ELECTRICAL TECHNOLOGY I	150	104	27.	ELECTRONICS & MICROPROCESSOR	200	118
7.	OLQ	200	130	28.	OLQ	200	143
<u>TOTAL</u>		<u>1100</u>	<u>750</u>	<u>TOTAL</u>		<u>1350</u>	<u>844</u>
<u>SEMESTER II</u>				<u>SEMESTER V</u>			
8.	ENGINEERING MATHEMATICS II	150	123	29.	THEORY OF MECHANISM II	200	134
9.	MATERIAL SCIENCE	150	108	30.	COMPUTER AIDED ENGINEERING	200	122
10.	ENGINEERING DRAWING II	150	86	31.	MARINE STEAM ENGINEERING & POWER PLANTS	200	114
11.	STRENGTH OF MATERIALS	200	138	32.	HEAT TRANSMISSION	200	122
12.	MANAGEMENT TECHNIQUES	150	116	33.	ADVANCED MATERIAL SCIENCE	200	110
13.	MECHANICS OF FLUIDS	150	108	34.	HYDRAULIC MACHINERY	150	78
14.	OLQ	200	133	35.	OLQ	200	143
<u>TOTAL</u>		<u>1150</u>	<u>812</u>	<u>TOTAL</u>		<u>1350</u>	<u>823</u>
<u>SEMESTER III</u>				<u>SEMESTER VI</u>			
15.	ENGINEERING MATHEMATICS III	150	75	36.	MARINE GAS TURBINES & DIESEL ENGINES	200	146
16.	ELECTRICAL MACHINES & POWER GENERATION & DISTRIBUTION	150	84	37.	NAVAL TECHNICAL ADMINISTRATION	150	114
17.	MACHINE DESIGN I	200	122	38.	DYNAMICS OF MACHINERY	200	118
18.	PRODUCTION ENGINEERING II	200	108	39.	MARINE AUXILIARIES & SYSTEMS	200	144
19.	AUTOMATIC CONTROL SYSTEM	200	126	40.	FLUID POWER CONTROLS	200	134
20.	THERMAL SCIENCE I	200	144	41.	PROJECT WORK	200	126
21.	OLQ	200	130	42.	OLQ	200	156
<u>TOTAL</u>		<u>1300</u>	<u>789</u>	<u>TOTAL</u>		<u>1350</u>	<u>938</u>

* - PASSED IN RE-EXAM



Naval College of Engineering



CERTIFICATE OF MERIT

This is to certify that project on DESIGN AND FABRICATION OF VIBRATION SIMULATOR
by SLT H S AMARASEKARA (NRE-1646) has been adjudged the best
project of the passing out course(s) in MECHANICAL ENGG. stream
for AUTUMN term 2004.

INS Shivaji Lonavla

Date

Training Captain

Principal