



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:16-12-2020

Department	MECHANICAL ENGINEERING	Application No.	202020108
Area of Research	OCCUPATIONAL HEALTH AND SAFETY	Research Mode	PART TIME

Name :DHAMOTHARAN V
Date of Birth / Age :24-05-1994 / 26 Years
Gender :MALE
Category :BC
e-Mail ID :dhamosmsafety@gmail.com
Mobile :7871100322



V. Dhamotharan

Father's/Husband's Name	VALAGURU B	Father's/Husband's Occupation	BUSINESS
Family Income	2,00,000	Residential Type	RURAL
Birth Place	KOVILANGULAM	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	822700314991	PAN No.	COWPD8743R
Physically Challenged	NO	Type of Disability	-
Address for Communication: 417/3 PANDIYAN NAGAR KARIAPATTI VIRUDHUNAGAR (DT) DISTRICT TAMILNADU INDIA Pin-626106		Permenant Address: 417/3 PANDIYAN NAGAR KARIAPATTI VIRUDHUNAGAR (DT) DISTRICT TAMILNADU INDIA Pin-626106	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.E	INDUSTRIAL SAFETY ENGINEERING	OXFORD ENGINEERING COLLEGE	2019	7.53	FIRST	REGULAR
B.E	MECHANICAL ENGINEERING	CAUVERY COLLEGE OF ENGINEERING AND TECHNOLOGY	2015	5.6	SECOND	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
APOLLO TYRES PVT LTD	SAFETY OFFICER	2018-12-15	2019-11-09	PREPARE SAFE SYSTEM OF WORK, STANDARD OF OPERATING PROCEDURE, TOOL BOX TALK, HAZARD IDENTIFICATION AND RISK CONTROL

SUBBALAKSHMI LAKSHMIPATHY COLLEGE OF SCIENCE	ASSISTANT PROFESSOR	2020-11-06	1970-01-01	
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Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020108_201218073729	VHD49569719184	18-12-2020	600	SUCCESS

PROPOSED RESEARCH

TITLE: Some Studies on the safety concerns in various types of composite manufacturing process and machining process.

The superior properties that offers by composite makes it to be used in many industrial applications, including aerospace, wind turbines, ships, cars, fishing rods, storage tanks, swimming pool panels, and baseball bats. Each application may require different combinations of reinforcements and matrices, which make the manufacturing safety even more challenging while working on these substances. In this study, safety issues in various types of composite manufacturing viz., polymer, metal, ceramic, nanocomposites and biocomposites going to address in detail with the possible hazards and the ways to eliminate those so as to maintain a good environment. In addition the safety concerns related to the machining of various types of composites are also investigated in detail and the latest developments are suggested for workers. The materials most frequently used in composite manufacturing, such as matrix (polyester, vinylester, phenolic, epoxies, methyl ethyl ketone peroxide, benzoil peroxide, hardeners, and solvents), and reinforcement materials (natural fibers, fillers, carbon, glass and kevlar fibers, honeycomb and foams) can be highly toxic to human body. These materials can also be very toxic to the environment when dumped out uncontrollably, creating major future health and environmental concerns. Throughout the manufacturing process, workers inhale vapors of the liquid matrix, hardeners and solvents / hinders, as well as reinforcement materials (fillers, chopped fibers and particles) in airborne. The safety measures to be followed are suggested in this research. Milling, cutting and machining of the composites can further increase the toxic inhalations of airborne composite particles, resulting in major rashes, irritation, skin disorders, coughing, severe eye and lung injury and other serious illnesses. The major portions of these hazardous materials generated during the composite manufacturing and machining can be controlled using appropriate personal protective equipment for the chemicals and materials used in composite manufacturing and machining. This research provides best possible safety practices utilized in composite manufacturing facilities for workers, engineers and other participants.

ANNA UNIVERSITY

CHENNAI - 600 025



PROVISIONAL CERTIFICATE

Folio No.: AUU1479132

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name : DHAMOTHARAN V

Registration Number : 810211114008

Degree : B.E.

Branch/Specialization : Mechanical Engineering

Month and Year of Passing: April 2017

Classification : SECOND CLASS

Chennai - 600 025.

Date : 28/08/2017

D1230174038216V


Controller of Examinations

Anna University



Reg.No. 810211114008/RG

The Syndicate of the Anna University hereby makes known that
DHAMOTHARAN V has been admitted to the **DEGREE OF BACHELOR OF ENGINEERING** in **MECHANICAL ENGINEERING** under the Faculty of Mechanical Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **SECOND CLASS** at the Examination held in **APRIL 2017** .

Given under the Seal of the University



Chennai 600 025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor



ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



D123001281236V

Folio No. AUQ1473335

NAME OF THE CANDIDATE	DHAMOTHARAN V			REGISTER NO.	813017423704
DATE OF BIRTH	24-MAY-94	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	APR 2019
COLLEGE OF STUDY	OXFORD ENGINEERING COLLEGE			REGULATIONS	2017
PROGRAMME & BRANCH	M.E. Industrial Safety Engineering				

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	IS5101	Principles of Safety Management	3	A	8	JAN 2018
01	IS5102	Environmental Safety	4	A	8	JAN 2018
01	IS5103	Occupational Health and Industrial Hygiene	3	A	8	JAN 2018
01	IS5104	Industrial Safety, Health and Environment Acts	4	B+	7	JAN 2018
01	MA5164	Probability and Statistical Methods	4	B+	7	APR 2019
01	IS5001	Plant Layout and Materials Handling	3	A	8	JAN 2018
01	IS5111	Technical Seminar - I	1	O	10	JAN 2018
02	IS5201	Fire Engineering and Explosion Control	3	B+	7	APR 2018
02	IS5202	Computer Aided Hazard Analysis	4	B	6	APR 2018
02	IS5203	Electrical Safety	3	B	6	APR 2018
02	IS5204	Safety in Chemical Industries	3	B	6	APR 2018
02	IS5004	Transport Safety	3	B+	7	APR 2018
02	IS5006	Safety in Construction	3	B	6	APR 2018
02	IS5211	Industrial Safety Laboratory	2	O	10	APR 2018
02	IS5212	Technical Seminar - II	1	O	10	APR 2018
03	IS5301	Reliability Engineering	3	B+	7	NOV 2018
03	IS5010	Safety in Engineering Industry	3	B+	7	NOV 2018
03	IS5013	OHSAS 18000 and ISO 14000	3	A	8	NOV 2018
03	IS5311	Industrial Safety Assessment - Internship	2	O	10	NOV 2018
03	IS5312	Project Work Phase I	6	O	10	NOV 2018
04	IS5411	Project Work Phase II	12	B+	7	APR 2019

*** End of Statement ***

Cumulative Grade Point Average : 7.53
Classification : FIRST CLASS



Medium of Instruction : ENGLISH

Chennai - 600 025.

Date : 27/08/2019

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS

ANNA UNIVERSITY

CHENNAI - 600 025



PROVISIONAL CERTIFICATE

Folio No.: **AUQ1473335**

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name : **DHAMOTHARAN V**

Registration Number : **813017423704**

Degree : **M.E.**

Branch/Specialization : **Industrial Safety Engineering**

Month and Year of Passing: **April 2019**

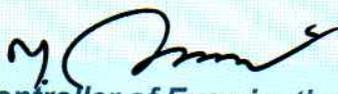
Classification : **FIRST CLASS**



Chennai - 600 025.

Date : **27/08/2019**

D123001281236V


Controller of Examinations i/c



ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



D123001281236V

Folio No. AUQ1473335

NAME OF THE CANDIDATE	DHAMOTHARAN V			REGISTER NO.	813017423704
DATE OF BIRTH	24-MAY-94	GENDER	MALE	MONTH & YEAR OF LAST APPEARANCE	APR 2019
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PROGRAMME & BRANCH	M.E. Industrial Safety Engineering				

SEM NO	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	IS5101	Principles of Safety Management	3	A	8	JAN 2018
01	IS5102	Environmental Safety	4	A	8	JAN 2018
01	IS5103	Occupational Health and Industrial Hygiene	3	A	8	JAN 2018
01	IS5104	Industrial Safety, Health and Environment Acts	4	B+	7	JAN 2018
01	MA5164	Probability and Statistical Methods	4	B+	7	APR 2019
01	IS5001	Plant Layout and Materials Handling	3	A	8	JAN 2018
01	IS5111	Technical Seminar - I	1	O	10	JAN 2018
02	IS5201	Fire Engineering and Explosion Control	3	B+	7	APR 2018
02	IS5202	Computer Aided Hazard Analysis	4	B	6	APR 2018
02	IS5203	Electrical Safety	3	B	6	APR 2018
02	IS5204	Safety in Chemical Industries	3	B	6	APR 2018
02	IS5004	Transport Safety	3	B+	7	APR 2018
02	IS5006	Safety in Construction	3	B	6	APR 2018
02	IS5211	Industrial Safety Laboratory	2	O	10	APR 2018
02	IS5212	Technical Seminar - II	1	O	10	APR 2018
03	IS5301	Reliability Engineering	3	B+	7	NOV 2018
03	IS5010	Safety in Engineering Industry	3	B+	7	NOV 2018
03	IS5013	OHSAS 18000 and ISO 14000	3	A	8	NOV 2018
03	IS5311	Industrial Safety Assessment - Internship	2	O	10	NOV 2018
03	IS5312	Project Work Phase I	6	O	10	NOV 2018
04	IS5411	Project Work Phase II	12	B+	7	APR 2019

*** End of Statement ***

Cumulative Grade Point Average : 7.53
Classification : FIRST CLASS



Medium of Instruction : ENGLISH

Chennai - 600 025.

Date : 27/08/2019

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS



OXFORD ENGINEERING COLLEGE

(NAAC Accredited Institution)
PIRATTIYUR, TIRUCHIRAPPALLI - 620 009.



TRANSFER CERTIFICATE

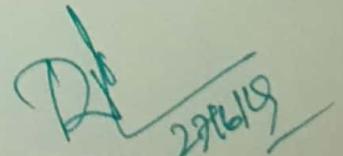
Reg.No.813017423704

T.C.NO.036/M.E./18-19

1. Name of the Student : **DHAMOTHARAN V**
2. Father's / Guardian's Name : **Mr. Valaguru**
3. Date of Birth as entered
in the Admission Register : **24/05/1994**
(Twenty Fourth May Nineteen Ninety Four)
4. Religion & Caste : **Refer Community Certificate**
5. Class in which the student was
Studying at the time of leaving : **M.E.**
6. Branch of Study : **Industrial Safety Engineering**
7. Date of Joining the Course : **July 2018**
8. Date of leaving the Course : **May 2019**
9. Whether qualified for
promotion to a higher class : **Refer Mark Sheet**
10. Whether the Student has paid
all the fees due to the College : **Yes**
11. Date of issue of Transfer
Certificate : **27.06.19**
12. Character and Conduct : **Good**

Date: 27.06.2019




27/6/19

PRINCIPAL

OXFORD ENGG. COLLEGE
PIRATTIYUR,
TIRUCHIRAPPALLI-620 009

SUBBALAKSHMI LAKSHMIPATHY FOUNDATION

TVR Nagar, Aruppukottai Road, Madurai - 625 022. Tamilnadu.

Ph : 0452 - 391 8607 Telefax : 0452 - 391 8607 CIN : U85110TN1989NPL018186

Dr. R. LAKSHMIPATHY
PRESIDENT

Ref : SLF / HR / 2020-21

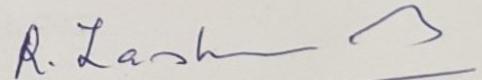
Date: November 06,2020

PROCEEDINGS OF THE PRESIDENT

APPOINTMENT ORDER

The Management is pleased to appoint **Mr.V.Dhamotharan** as teaching faculty and subject to the terms & conditions of appointment mentioned in the enclosed Annexure.

1. Unit : **Subbalakshmi Lakshmipathy College of Science**
2. Designation : **Assistant Professor- Fire & Industrial safety**
3. Salary : **Rs 20,000 /- per month [Inclusive of all allowances]
Plus PF Rs 480/- per month.**
4. To join on : **November 06,2020**


PRESIDENT

CC: Accounts Department, SLF.

आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

V DHAMOTHARAN

VALAGURU

24/05/1994

Permanent Account Number

COWPD8743R

V. Dhamotharan.

Signature



19082016



India Driving Licence(Tamilnadu)

Form 7

DOI 19/08/2015



D.L.No : TN67 20150005296
Name : DHAMOTHARAN V
S/D/W of : VALAGURU
Address :
417/3, PANDIAN NAGAR,
KARIAPATTI,
VIRUDHUNAGAR DT. 626106
Temp.Add:

D.O.B. : 24/05/1994

B.G. :

Punishments:

End.No. : TN67 /DLA/0000241/2017 19/04/2017 11:52:34 AM

Licensed to drive throughout India, vehicles of the following descriptions

M/CYCL. WG 19/08/2015 TN67 LMV 19/08/2015 TN67

Non-Transport Veh. Valid upto 18/08/2035



V. Shankaran

Signature L.T.I
of the Holder

[Handwritten signature]
19/4/17

[Handwritten signature in red ink]
4/1/17

Asst. Licensing Authority
RTO, Sattur Road, Virudhunagar

R.Dis. 332 / 200 8

GCP-26-1-8,50,000 Cps.-13-9-2007 [P4-13]

Dated.....200

BC



சான்றிதழ் எண் :
Certificate No. :

8050521

மாவட்டக் குறியீடு எண் :

District Code

17

வட்டக் குறியீடு எண் :

Taluk Code

04

கிராமக் குறியீடு எண் :

Village Code

004

வகுப்புச் சான்றிதழ் COMMUNITY CERTIFICATE

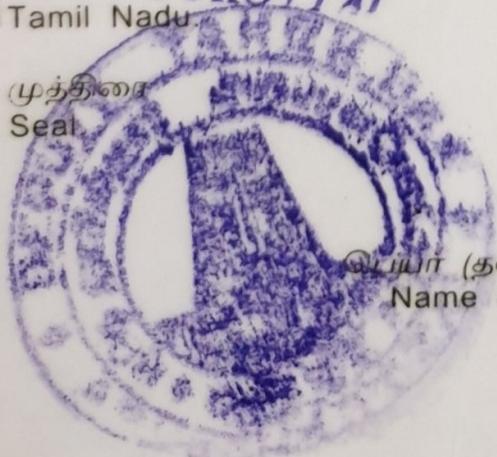
விருதுநகர் மாவட்டம் அருப்புக்கோட்டை வட்டம்
கோலிளாமுடி கிராமம்/நகரம், திரு/திருமதி/செல்வன்/செல்வி
காமேசுவரன் தகப்பனார்/கணவர் பெயர்
வாலகிடு / இழை-கொடவகுப்பைச் சார்ந்தவர்.
அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும் மிகவும் பிற்பட்ட பிரிவின்
நலத் துறை, நாள் 19-7-1994 வரிசை எண் 30 படி பிற்பட்ட பிரிவினைச்
சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that **DHAMODARAN** Son / Daughter of
Thiru **Valaguru** of **Kovilansulam**
Village / Town **ARUPPUKOTTAI** Taluk **VIRUDHUNAGAR**
District of the State of Tamil Nadu belongs to
Hindu - GAVARA Community, which is recognised as a
Backward Class as per Government Order (Ms.) No. 28, Backward Classes
and Most Backward Classes Welfare, dated 19th July 1994
vide Serial No. 30.

2. திரு / திருமதி / செல்வன் / செல்வி **காமேசுவரன்**
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் **விருதுநகர்**
மாவட்டத்தில் **அருப்புக்கோட்டை** வட்டத்தில் **கோலிளாமுடி**
கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt./Selvan/Selvi **Dhamodaran** and
his/her family ordinarily reside(s) at **Kovilansulam** Village/Town
ARUPPUKOTTAI Taluk **VIRUDHUNAGAR** District of
Tamil Nadu.

முத்திரை
Seal



கையொப்பம் :
Signature

நாள் :
Date

பெயர் (தனி எழுத்துக்களில்)
Name (in Capital Letters)

பதவி :
Designation

மண்டல துணை வட்டார செயலாளர்
அருப்புக்கோட்டை

18/12/08

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. V. DHAMOTHARAN is employed as (Designation) ASSISTANT PROFESSOR in the (Department/Division Name) FIRE & INDUSTRIAL SAFETY of (Institution/Industry Name) SUBBALAKSHMI LAKSHMI PATHY COLLEGE OF SCIENCE

We have no objection in forwarding his/her application for the Ph. D Research Programme

FOR FULL TIME :

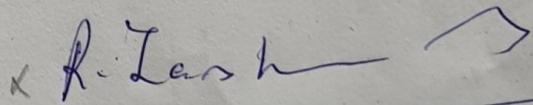
The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from _____ to _____ to undertake the full time research work in the University.

FOR PART TIME :

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date :

Signature of the Head of organization with office seal



SUBBALAKSHMI LAKSHMI PATHY
COLLEGE OF SCIENCE
TVR Nagar, Aruppukottai Road
MADURAI - 625 022