

# SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM – 683576, PHONE: 0484-2882900, 2450330

E-Mail: [sset@scmsgroup.org](mailto:sset@scmsgroup.org) Website: [www.scmsgroup.org/sset](http://www.scmsgroup.org/sset)

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## *PhD Certificates* *2018-19*



# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

## Doctor of Philosophy

on

**Balagopal G Menon**

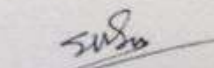
in recognition of the research work on

*Modeling the Effects of Energy Efficiency Improvements in  
Personal Transport Sector in India*

Given under the seal of the Institute at Kharagpur on the Twentyseventh day of July, Two Thousand and Thirteen

  
Registrar



  
Director



# KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education  
(Established Under Section 3 of UGC Act 1956)  
Coimbatore - 641 021, India

PROVISIONAL  
CERTIFICATE

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

Name : **MANOJ KUMAR.B**

Register No : **09ADRPME001**

Degree : **DOCTOR OF PHILOSOPHY**

Branch / Specialization : **MECHANICAL ENGINEERING**

Month & Year of Passing : **15<sup>th</sup> June 2016**

Title: **MANUFACTURING OPTIMIZATION FOR REVERSE LOGISTICS**

Coimbatore

Dated : **04.07.2016**



*DPM*  
CONTROLLER OF EXAMINATIONS





# Cochin University of Science and Technology



## FACULTY OF ENGINEERING

*The Academic Council of the Cochin University of Science and Technology hereby makes known that.....* **Anitha G Pillai**  
*is admitted to the Degree of*

## DOCTOR OF PHILOSOPHY

*under the Faculty of Engineering, he/she having been certified by duly appointed examiners to be qualified to receive the same.*

*Given under the Seal of the University, this day, the.....* **16th February, 2015**

*University Buildings*

*Kochi - 682 022*

*Issued on ..... 13/03/2015*



*[Signature]*  
*Vice-Chancellor.*





# भारतीय प्रौद्योगिकी संस्थान मुंबई

रतीश एम.

को एतद्द्वारा

**विद्या वाचस्पति**

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि  
अवासि हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर  
तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत  
मुंबई, भारतीय गणराज्य मे आज 9 अगस्त, 2014 को दी गई है ।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

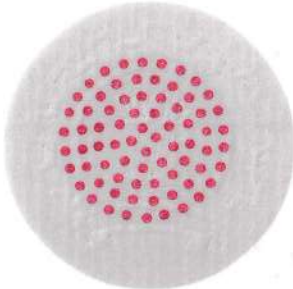
on

**Ratish M.**

who has fulfilled the requirements for the degree as prescribed under the  
regulations and successfully defended the thesis entitled:

“Multi Sensory Analysis of Aerosol Properties and Patterns Over India.”

Given this day, under the seal of the Institute at Mumbai in the  
Republic of India, the 9th day of August 2014.



अध्यक्ष, अभिषद  
Chairman, Senate

कुलसचिव  
Registrar

अध्यक्ष, शासी मंडल  
Chairman, Board of Governors

Serial No. 152053

Enrolment No. 078308

भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुशंसा पर

विद्या वाचस्पति

की उपाधि

निषा एल

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को सन् 2015 में सफलतापूर्वक पूरा कर लिया है, एतद्वारा प्रदान करता है।

शोध प्रबन्ध शीर्षक: रिमूवल ऑफ डिजोल्वड ऑर्गेनिक कार्बन (डीओसी) डूरिंग रिवरबैंक फिल्ट्रेशन  
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक 3 अक्टूबर 2015, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

On the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

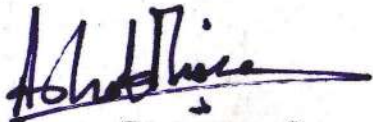
upon

NISHA L

who has successfully completed in the year 2015 the requirements prescribed under the regulations for the award of this degree

Thesis Title: REMOVAL OF DISSOLVED ORGANIC CARBON (DOC) DURING RIVERBANK FILTRATION

Given this day, the 3<sup>rd</sup> of October 2015, under the seal of the Institute at Roorkee in the Republic of India.



अध्यक्ष, अभिशासक परिषद्  
Chairman, Board of Governors



निदेशक एवं अध्यक्ष, अभिषद्  
Director & Chairman, Senate



कुलसचिव  
Registrar





# मलवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

अभिषद् की अनुशंसा पर

विनोद पी.

को

विद्या वाचस्पति

की उपाधि प्रदान करता है।

शोधप्रबंध शीर्षक:

मालवेअर अनैलिसिस एण्ड डिटेक्शन मैथडोलोजीज्

आज भारतीय गणराज्य के अन्तर्गत जयपुर में यह उपाधि दी गई है।

दिनांक ४ नवम्बर २०१२

## Malaviya National Institute of Technology Jaipur

upon the recommendation of the Senate confers on

**Vinod P.**

the degree of

### Doctor of Philosophy

Thesis title:

Malware Analysis and Detection Methodologies

Given this day at Jaipur in the Republic of India

The 4th November 2012

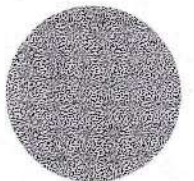


*J. B. Shah*  
निदेशक एवं अध्यक्ष अभिषद्  
Director & Chairman Senate

*K. S. S. S. S.*  
अध्यक्ष शासी परिषद्  
Chairman Board of Governors

Verified by

*Shah*





# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited with "A" grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119



Phone: 044-2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044-2450 2344

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

Register Number : 2013191119

Date : 05-12-2017

## PROVISIONAL CERTIFICATE - Ph.D.

This is to certify that **VARUN. G. MENON** has qualified himself/herself for the award of the Degree of Doctor of Philosophy in Faculty of **COMPUTER SCIENCE AND ENGINEERING** on **DECEMBER 02, 2017** and he/she having been certified by duly appointed Examiners and approved by the Board of Management of Sathyabama Institute of Science and Technology.

Title : ANALYSING THE BEHAVIOUR AND PERFORMANCE OF RELIABLE OPPORTUNISTIC ROUTING PROTOCOLS IN HIGHLY DYNAMIC AD HOC NETWORKS

Chennai - 600 119

Date : December 05, 2017

Registrar

Controller of Examinations







# BHARATHIAR UNIVERSITY

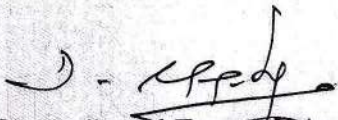
COIMBATORE - 641 046

## Ph. D. PROVISIONAL CERTIFICATE

This is to certify that ..... SUNIL JACOB ..... has qualified for  
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in  
..... ELECTRONICS ..... on 23/02/2015 after having  
completed the requirements prescribed for the award of the Degree.

Coimbatore-641 046

Date : 6 MAR 2015

  
Controller of Examinations i/c



# Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 3975

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

**SAIRA JOSEPH**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF ENGINEERING**

*she having been certified by duly appointed examiners to  
be qualified to receive the same.*

*Title of the thesis :*

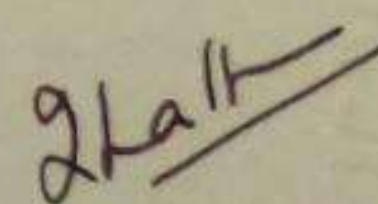
**"Design and Analysis of Compact, CPW-fed Multiband Antennas Incorporating  
UWB Applications"**

*This award is effective from 10/07/2017.*

*Given under the seal of the University this day, 02 August, 2017.*

Kochi -682 022  
Kerala, India.

SI No: 0095516

  
Vice - Chancellor





# Cochin University of Science and Technology



## FACULTY OF ENGINEERING

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... Praveensal C J  
is admitted to the Degree of

## DOCTOR OF PHILOSOPHY

under the Faculty of Engineering, he/she having been certified by duly appointed examiners to be qualified to receive the same.

Given under the Seal of the University, this day, the..... 23rd November, 2013



University Buildings  
Kochi - 682 022  
Issued on ..... 16/12/2013

R Chandra  
Vice-Chancellor.





# Indian Institute of Technology, Madras

*hereby confers the degree of*

**Doctor of Philosophy**

*of the Institute*

*on*

**SOMASEKHARAN NAIR E M**

*for successfully completing the prescribed programme of study and  
presenting the thesis entitled*

**INVESTIGATIONS ON FRACTURE AND FATIGUE OF STRUCTURAL  
COMPONENTS**



*Given this day the Thirtieth of July, 1994  
under the seal of the Institute.*

*V. Ganu.*  
*Registrar*

*W. A. Srinivasan*  
*Director*

*M. P. Srinivasan*  
*Chairman Board of Governors*



Register No : .09JLDRPME003

Folio No : 00730



# KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education  
(Established Under Section 3 of UGC Act 1956)  
Coimbatore - 641 021, India

The Board of Management of the **KARPAGAM UNIVERSITY** hereby makes known that ----- **venu .P**

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** in **MECHANICAL ENGINEERING**

----- under the **FACULTY OF ENGINEERING**

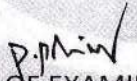
having been certified by the duly appointed examiners to be qualified to receive the same on ----- **6<sup>th</sup> October 2015**

Coimbatore


Dated : **19.12.2015**



THE SEAL OF UNIVERSITY

  
CONTROLLER OF EXAMINATIONS

  
REGISTRAR

  
VICE-CHANCELLOR





# Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 3537

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

**MAHESA RENGARAJ R**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF ENGINEERING**

*he having been certified by duly appointed examiners to  
be qualified to receive the same.*

*Title of the thesis :*

**"INFLUENCE OF PERSONAL ATTRIBUTES AND EMPLOYMENT AND WORK  
FACTORS ON WORK INJURIES AMONG WELDERS"**

*This award is effective from 17/07/2017.*

*Given under the seal of the University this day, 02 August, 2017.*

Kochi -682 022  
Kerala, India.

SI No: 0095514



*[Signature]*  
Vice - Chancellor





# Indian Institute of Technology Madras

*hereby confers the degree of*  
**Doctor of Philosophy**  
*of the Institute*  
*on*

**SHEEJA JANARDHANAN**

*for successfully completing the prescribed programme of study and*  
*presenting the thesis entitled*

**NUMERICAL ESTIMATION OF HYDRODYNAMIC DERIVATIVES  
IN SURFACE SHIP MANEUVERING**



OE06D005



*Given this day the Thirtieth of July, 2010*  
*under the seal of the Institute.*

*K. Anand*  
Registrar

*R. Chidambaram*  
Director

*R. Chidambaram*  
Chairman, Board of Governors

**WE**, the Chancellor, Vice-Chancellor  
and Members of the Executive  
Council, on the recommendation of the Senate  
of the Shivaji University, certify  
that the Degree of

**Doctor of Philosophy**

( Mathematics )

has been conferred on the twentyfirst day  
of the month of March in the year  
one thousand nine hundred and ninetyfour.

at Kolhapur, on

John L. K.

who has been found duly qualified for the  
same.

In Testimony whereof are set the Seal of the  
University and the Signatures of the Registrar and the  
Chancellor.

Pr. Sabale

Registrar.

Pr. Sabale

Chancellor.



No.: A/14 00129

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**MINI TOM**

*the degree of*

*Doctor of Philosophy*

*in the year 2015*

*Based on the thesis entitled:*

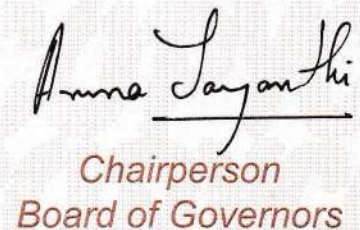
**"CONNECTIVITY, SUM DISTANCE, BOUNDARY AND INTERIOR NODES IN FUZZY GRAPHS"**

*Given at the National Institute of Technology Calicut*

*on 5<sup>th</sup> December, 2015*

  
Registrar

  
Director

  
Chairperson  
Board of Governors



RR 20028261



அறிவியற் புலம்

FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

ஸ்ரீலேகா. பர்.

கணிதவியல் பிரிவில் மெய்ப்பொருளியல் நிறைஞர் பட்டம்

புத்தகுத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் நவம்பர் 2008 இல் நடைபெற்ற

பரீட்சையில் சான்றளிக்கவானு, இரண்டாம் வகுப்பு

பற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

by makes known that SREELEKHA B has been admitted to the

DEGREE OF MASTER OF PHILOSOPHY IN MATHEMATICS

she having been certified by duly appointed Examiners to be qualified to receive the same, and having been placed b

m in the SECOND CLASS at the Examination held in NOVEMBER 2008

Register No. : A5A6610002

Centre Code : 844



ISSUED ON  
18 NOV 2010

Given under the seal of the University

கலைநகர், மதுரை - 625 021

Alainagar, Madurai - 625 021

கேர்வானையர்

பகிவாளர்

காணவேங்கர்

கேர்வானையர்

பகிவாளர்

காணவேங்கர்

காணவேங்கர்



Certificate No.: A 057911

# University Grants Commission

## NATIONAL EDUCATIONAL TESTING BUREAU



### NATIONAL ELIGIBILITY TEST FOR LECTURESHIP

UGC Ref. No.: 20571(NET-DEC., 2006) Roll No. T161212

Certified that MS. RESHMA R

Son/Daughter of SHRI RAVEENDRANATH

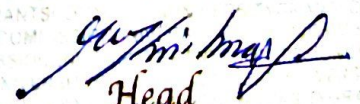
and SMT. SASIKALA M G

has qualified the UGC-NET Examination for eligibility for Lectureship held on  
17th DECEMBER, 2006 in the Subject EDUCATION

His/Her Post-graduation Subject is EDUCATION

Validity of the certificate is forever.

Date of Issue: 15 SEP 2007

  
Head  
NET Bureau

- Note: a) UGC has issued the certificate based on the information provided by the candidate and his/her records/certificates have not been verified. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must complete UGC specified Master's Degree within one year of date of UGC-NET.
- b) Wherever ~~SC~~, PH or VH is shown in the UGC Ref. No., the recruitment body should check the relevant documents of ~~SC~~/Physically Handicapped/Visually Handicapped Candidates before appointment.



Folio No. : 70521

Certificate No. : 0282



**GOVERNMENT OF KERALA**

**DIRECTORATE OF HIGHER SECONDARY EDUCATION**

**STATE ELIGIBILITY TEST - MAY 2007**

Roll No. :.....37210337.....

*Certified that Shri / Smt .....SURYA K A..... has*

*passed the State Eligibility Test prescribed as one of the qualifications for appointment as  
Higher Secondary School Teacher.*

*Date of Test : 27th May, 2007*

**Subject : .....MATHEMATICS.....**

Thiruvananthapuram

Date : 04-07-2007

  
Director

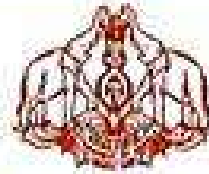




Folio No. : 21421

MA0053

Certificate No. : 00071



**GOVERNMENT OF KERALA**

**DIRECTORATE OF HIGHER SECONDARY EDUCATION**

**STATE ELIGIBILITY TEST - DECEMBER - 2013**

*Roll No. : 77210166*

*Certified that Shri / Smt SOPHIA CLEETUS has*

*passed the State Eligibility Test prescribed as one of the qualifications for appointment as*

*Higher Secondary School Teacher.*

*Date of Test : 2<sup>nd</sup> February 2014*

*Subject : MATHEMATICS*

Thiruvananthapuram

Date : 30/04/2015

Director



UNIVERSITY OF CALICUT



Calicut University P. O.  
673 635

Folio No 126

Dated 2-11-1995

PROVISIONAL CERTIFICATE

Issued to..... Sunny George.....

Certified that the above candidate has been awarded the Degree of Doctor

of Philosophy (Ph. D.) in..... Zoology.....

under the faculty of..... Science.....



Deputy Registrar  
Controller of Examinations of Calicut

Handwritten initials or mark.