

**FACULTY WITH PHD (2018-19)**

Sl.No	Name	Designation		University	Year*	Subject
1	DR.S.H ANILKUMAR	PROFESSOR	REGULAR	NIT, Calicut	2012	Mechanical Engineering
2	DR.MOHAN.G	PROFESSOR	REGULAR	IIT Madras	2010	Mechanical Engineering
3	DR.JAYAKUMAR E	ASST. PROFESSOR	REGULAR	CUSAT	2017	Mechanical Engineering
4	DR.SHIMI LAWRENCE	PROFESSOR	REGULAR	University of Madras	2017	Civil Engineering
5	DR.SHEEJA.M.K	HOD & PROFESSOR	REGULAR	University of Kerala	2010	Electronics& Communication
6	DR.LIBISH.T.M	PROFESSOR	DEPTN TO KTU	CUSAT	2015	Electronics& Communication
7	DR.SONIYA.B	HOD & PROFESSOR	REGULAR	University of Kerala	2016	Computer Science
8	DR.SUBU SURENDRAN	PROFESSOR	REGULAR	University of Kerala	2017	Computer Science
9	DR.ANUP THOMAS	ASST. PROFESSOR	REGULAR	Andhra University	2012	Chemistry
10	DR.BOBY PHILIP	ASSO. PROFESSOR	DEPTN TO KTU	IIT Kharagpur	2016	Electrical Engineering

**FACULTY WITH PHD (2019-20)**

Sl.No	Name	Designation		University	Year*	Subject
1	DR.S.H ANILKUMAR	PROFESSOR	REGULAR	NIT, Calicut	2012	Mechanical Engineering
2	Dr.MOHAN.G	PROFESSOR	REGULAR	IIT Madras	2010	Mechanical Engineering
3	DR.JAYAKUMAR E	ASST. PROFESSOR	REGULAR	CUSAT	2017	Mechanical Engineering
4	DR.SHIMI LAWRENCE	PROFESSOR	REGULAR	University of Madras	2017	Civil Engineering
5	DR.SHEEJA.M.K	HOD & PROFESSOR	REGULAR	University of Kerala	2010	Electronics& Communication
6	DR.LIBISH.T.M	PROFESSOR	DEPTN TO KTU	CUSAT	2015	Electronics& Communication
7	DR.SONIYA.B	HOD & PROFESSOR	REGULAR	University of Kerala	2016	Computer Science
8	DR.SUBU SURENDRAN	PROFESSOR	REGULAR	University of Kerala	2017	Computer Science
9	DR.ANUP THOMAS	ASST. PROFESSOR	REGULAR	Andhra University	2012	Chemistry
10	DR.K.B RADHAKRISHNAN	PROFESSOR	CONTRACT	IIT, Madras	1999	Chemical Engineering
11	DR.BOBY PHILIP	ASSO. PROFESSOR	DEPTN TO KTU	IIT Kharagpur	2016	Electrical Engineering
12	DR.KAVILAL E G	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2018	Mechanical Engineering

**FACULTY WITH PHD (2020-21)**

Sl.No	Name	Designation		University	Year*	Subject
1	DR.S.H ANILKUMAR	PROFESSOR	REGULAR	NIT, Calicut	2012	Mechanical Engineering
2	Dr.MOHAN.G	PROFESSOR	REGULAR	IIT Madras	2010	Mechanical Engineering
3	DR.JAYAKUMAR E	ASST. PROFESSOR	REGULAR	CUSAT	2017	Mechanical Engineering
4	DR.SHIMI LAWRENCE	PROFESSOR	REGULAR	University of Madras	2017	Civil Engineering
5	DR.SHEEJA.M.K	HOD & PROFESSOR	REGULAR	University of Kerala	2010	Electronics& Communication
6	DR.LIBISH.T.M	PROFESSOR	DEPTN TO KTU	CUSAT	2015	Electronics& Communication
7	DR.SONIYA.B	HOD & PROFESSOR	REGULAR	University of Kerala	2016	Computer Science
8	DR.SUBU SURENDRAN	PROFESSOR	REGULAR	University of Kerala	2017	Computer Science

9	DR.ANUP THOMAS	ASST. PROFESSOR	REGULAR	Andhra University	2012	Chemistry
10	DR.K.B RADHAKRISHNAN	PROFESSOR	CONTRACT	IIT, Madras	1999	Chemical Engineering
11	DR.BOBY PHILIP	ASSO. PROFESSOR	DEPTN TO KTU	IIT Kharagpur	2016	Electrical Engineering
12	DR.KAVILAL E G	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2018	Mechanical Engineering
13	DR.S.ANOOP KUMAR	ASSO. PROFESSOR	REGULAR	Noorul Islam Centre for Higher Education	2019	Mechanical Engineering
14	DR.SHYJIS	ASSO. PROFESSOR	REGULAR	University of Kerala	2019	Mechanical Engineering

#### FACULTY WITH PHD (2021-22)

Sl.No	Name	Designation		University	Year*	Subject
1	DR.S.H ANILKUMAR	PROFESSOR	REGULAR	NIT, Calicut	2012	Mechanical Engineering
2	Dr.MOHAN.G	PROFESSOR	REGULAR	IIT Madras	2010	Mechanical Engineering
3	DR.JAYAKUMAR E	ASST. PROFESSOR	REGULAR	CUSAT	2017	Mechanical Engineering
4	DR.SHIMI LAWRENCE	PROFESSOR	REGULAR	University of Madras	2017	Civil Engineering
5	DR.SHEEJA.M.K	HOD & PROFESSOR	REGULAR	University of Kerala	2010	Electronics& Communication
6	DR.LIBISH.T.M	PROFESSOR	DEPTN TO KTU	CUSAT	2015	Electronics& Communication
7	DR.SONIYA.B	HOD & PROFESSOR	REGULAR	University of Kerala	2016	Computer Science
8	DR.SUBU SURENDRAN	PROFESSOR	REGULAR	University of Kerala	2017	Computer Science
9	DR.ANUP THOMAS	ASST. PROFESSOR	REGULAR	Andhra University	2012	Chemistry
10	DR.K.B RADHAKRISHNAN	PROFESSOR	CONTRACT	IIT, Madras	1999	Chemical Engineering
11	DR.BOBY PHILIP	ASSO. PROFESSOR	DEPTN TO KTU	IIT Kharagpur	2016	Electrical Engineering
12	DR.KAVILAL E G	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2018	Mechanical Engineering
13	DR.S.ANOOP KUMAR	ASSO. PROFESSOR	REGULAR	Noorul Islam Centre for Higher Education	2019	Mechanical Engineering
14	DR.SHYJIS	ASSO. PROFESSOR	REGULAR	University of Kerala	2019	Mechanical Engineering
15	DR.ARUN M	ASST. PROFESSOR	REGULAR	University of Kerala	2020	Mechanical Engineering
16	DR.SANUKRISHNA S.S	ASST. PROFESSOR	REGULAR	University of Kerala	2020	Mechanical Engineering
17	DR.SREEJITH B.J	ASST. PROFESSOR	REGULAR	NIT, Calicut	2020	Mechanical Engineering
18	DR.SMITHA P S	ASST. PROFESSOR	REGULAR	APJAKTU	2020	Electronics& Communication
19	DR.LEKSHMI V S	ASST. PROFESSOR	REGULAR	NIT, Calicut	2020	Electronics& Communication
20	DR.ROHINI S	ASST. PROFESSOR	REGULAR	NIT,Durgapur	2020	Biotechnology

#### FACULTY WITH PHD (2022-23)

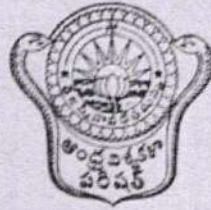
Sl.No	Name	Designation		University	Year*	Subject
1	DR.S.H ANILKUMAR	PROFESSOR	REGULAR	NIT, Calicut	2012	Mechanical Engineering
2	Dr.MOHAN.G	PROFESSOR	REGULAR	IIT Madras	2010	Mechanical Engineering
3	DR.JAYAKUMAR E	ASST. PROFESSOR	REGULAR	CUSAT	2017	Mechanical Engineering
4	DR.SHIMI LAWRENCE	PROFESSOR	REGULAR	University of Madras	2017	Civil Engineering
5	DR.SHEEJA.M.K	HOD & PROFESSOR	REGULAR	University of Kerala	2010	Electronics& Communication
6	DR.LIBISH.T.M	PROFESSOR	DEPTN TO KTU	CUSAT	2015	Electronics& Communication
7	DR.SONIYA.B	HOD & PROFESSOR	REGULAR	University of Kerala	2016	Computer Science

8	DR.SUBU SURENDRAN	PROFESSOR	REGULAR	University of Kerala	2017	Computer Science
9	DR.ANUP THOMAS	ASST. PROFESSOR	REGULAR	Andhra University	2012	Chemistry
10	DR.K.B RADHAKRISHNAN	PROFESSOR	CONTRACT	IIT, Madras	1999	Chemical Engineering
11	DR.BOBY PHILIP	ASSO. PROFESSOR	DEPTN TO KTU	IIT Kharagpur	2016	Electrical Engineering
12	DR.KAVILAL E G	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2018	Mechanical Engineering
13	DR.S.ANOOP KUMAR	ASSO. PROFESSOR	REGULAR	Noorul Islam Centre for Higher Education	2019	Mechanical Engineering
14	DR.SHYJIS	ASSO. PROFESSOR	REGULAR	University of Kerala	2019	Mechanical Engineering
15	DR.SOUMYA RANI D	ASST. PROFESSOR	CONTRACT	Alagappa University	2019	Chemistry
16	DR.ARUN M	ASST. PROFESSOR	REGULAR	University of Kerala	2020	Mechanical Engineering
17	DR.SANUKRISHNA S.S	ASST. PROFESSOR	REGULAR	University of Kerala	2020	Mechanical Engineering
18	DR.SREEJITH B.J	ASST. PROFESSOR	REGULAR	NIT, Calicut	2020	Mechanical Engineering
19	DR.SMITHA P S	ASST. PROFESSOR	REGULAR	APJAKTU	2020	Electronics& Communication
20	DR.LEKSHMI V S	ASST. PROFESSOR	REGULAR	NIT, Calicut	2020	Electronics& Communication
21	DR.ROHINI S	ASST. PROFESSOR	REGULAR	NIT,Durgapur	2020	Biotechnology
22	DR.KAMAL KRISHNA R	ASST. PROFESSOR	REGULAR	APJAKTU	2021	Mechanical Engineering
23	DR.ABHILASH S.S	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2021	Mechanical Engineering
24	DR.ANOOP M.S	ASST. PROFESSOR	REGULAR	NIT,Tiruchirapalli	2021	Mechanical Engineering
25	DR.NISHA JOSE.K	ASSO. PROFESSOR	REGULAR	University of Kerala	2021	Electronics& Communication
26	DR.JISU ELSA JACOB	ASST. PROFESSOR	REGULAR	University of Kerala	2021	Electronics& Communication

**\*Faculty is included in a particular year if he/she has been awarded Ph.D before the current year**



# ANDHRA UNIVERSITY



## FACULTY OF SCIENCE

*This is to certify that*

*Anup Thomas*

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in Chemistry*

*in this University, he having been declared to be*

*qualified to receive the same in 2012.*

*Given under the Seal of the University*

VISAKHAPATNAM

*The 1<sup>st</sup> May 2013.*

1/3

*[Signature]*  
Vice-Chancellor



PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

Register No : 9511



**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **Shyji S.** has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

*Subject* **Mechanical Engineering**

*Title of the Thesis* **Numerical Simulation of Hydrocarbon Combustion in Propulsion Systems Using Unstructured Finite Volume Method**

**PRINCIPAL**  
Sree Chitra Thirunal  
College of Engineering  
Thiruvananthapuram

Date of Syndicate Decision: 31/08/2019

Given under the seal of the University



University Buildings

Thiruvananthapuram December 21, 2019

  
Vice Chancellor

0606219

2024/2/16 22:34



**Noorul Islam Centre for Higher Education**  
 (Deemed-to-be-University under section 3 of the UGC Act, 1956)



Reg. No.: **1115903201**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **RAJESH S P** has been admitted to the **Degree of Doctor of Philosophy** in **Automobile 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 on **10-02-2023** (the date of viva-voce Examination).

**Title of the Thesis: INVESTIGATION ON THE PERFORMANCE CHARACTERISTICS OF DIESEL BLENDED WITH PLASTIC OIL AND NANO POWDER**



Given under the seal of the University

*[Handwritten signature in green ink]*

**PRINCIPAL**  
**Sree Chitra Thirunal**  
**College of Engineering**  
 Trivandrum - 1

Dated : **27 OCT 2023**

Kumaracoil-629 180  
 Kanyakumari Dist.,  
 Tamil Nadu,  
 India.

*[Handwritten signature]*

**Dr.M.K.Jeyakumar**

**Controller of Examinations**



*[Handwritten signature]*

**Dr.P.Thirumalvalavan**

**Registrar**

*[Handwritten signature]*

**Dr.A.K.Kumaraguru**

**Vice-Chancellor**

# NOORUL ISLAM CENTRE FOR HIGHER EDUCATION

(Declared as Deemed-to-be University Under section 3 of the UGC Act, 1956)  
Kumaracoil - 629 180, Kanyakumari Dist., Tamil Nadu, India.



## PROVISIONAL CERTIFICATE

Folio No.: *PH0275*

This is to certify that the candidate has qualified for the award of **Degree of Doctor of Philosophy** in compliance with the UGC Regulations, 2009 as detailed below:

Name : **RAJESH S P**  
Registration Number : **1115903201**  
Degree : **Ph.D.**  
Department : **AUTOMOBILE ENGINEERING**  
Faculty : **Mechanical Engineering**  
Date, Month & Year of Viva-voce Examination held : **10-02-2023**

Title of the Thesis : **INVESTIGATION ON THE PERFORMANCE CHARACTERISTICS OF DIESEL BLENDED WITH PLASTIC OIL AND NANO POWDER**

*[Signature]*  
PRINCIPAL  
Sree Citra Thirunel  
College of Engineering  
Trivandrum - 18



Place : Kumaracoil

Date : **27 FEB 2023**



*[Signature]*  
CONTROLLER OF EXAMINATIONS







அழகப்பா பல்கலைக்கழகம்  
**ALAGAPPA UNIVERSITY**

{Accredited with A+ Grade by NAAC (CGPA: 3.64) in the Third Cycle,  
Graded as Category - I University and Granted Autonomy by MHRD - UGC,  
2019: Asia Rank - 216, QS BRICS Rank -104, QS India Rank - 20}  
KARAIKUDI - 630 003, TAMILNADU, INDIA

அறிவியற்புலம்  
அழகப்பா பல்கலைக்கழக ஆட்சிக்குழு  
சௌமியா ராணி டி

என்பவருக்கு  
வேதியியலில் முனைவர்  
பட்டத்தை அதற்குரிய தேவைகளை நிறைவு செய்தமையால்  
மார்ச் 2019 இல் அளிக்கிறது  
பல்கலைக்கழக முத்திரை பெறுகிறது



**FACULTY OF SCIENCE**

The Syndicate of the Alagappa University  
hereby confers the degree of

**DOCTOR OF PHILOSOPHY IN CHEMISTRY**

on

**SOUMYA RANI D**

in MARCH 2019 for having fulfilled the requirements for the degree

Title of the Thesis: **"Synthesis and Characterization of Nano Structured Perovskite Materials for Water Splitting"**

**PRINCIPAL**  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



Given under the seal of the University



Sl. No. 017719 Date: 01-OCT-2019

பதிவாளர்  
Registrar

குணவேந்தர்  
Vice - Chancellor



P160039ME

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट

National Institute of Technology Calicut



*upon the recommendation of the Senate, hereby confers on*

**SUMESH C K**

*the degree of*

**Doctor of Philosophy**

in the year 2023

Based on the thesis entitled:

**EXPERIMENTAL INVESTIGATION ON AERODYNAMIC NOISE  
EMISSIONS FROM AIRFOILS WITH TRAILING EDGE MODIFICATIONS**

*Given at the National Institute of Technology Calicut*

on September 02, 2023



Registrar

Date of Viva-voce Examination : 28-07-2023

Director & Chairman Senate

Chairperson Board of Governors

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**ANILKUMAR S H**

*the degree of*

*Doctor of Philosophy*

*in the year 2011*

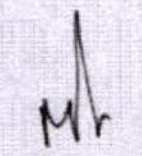
*Based on the thesis entitled:*


*"Investigation of Natural Convective Heat Transfer in  
a Partitioned Enclosure Utilixing Different Fluids"*

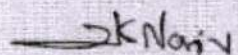
*Given at the National Institute of Technology Calicut*

*on 20<sup>th</sup> January, 2012*

  
Registrar

  
Director

  
PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

  
Chairman  
Board of Governors





राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
**National Institute of Technology Calicut**

Sl.No.: A 000924  
09

NIT Campus (P.O.), Kozhikode, Kerala, India, PIN - 673 601.

**PROVISIONAL CERTIFICATE**

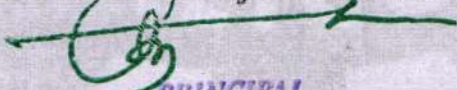
***Doctor of Philosophy***

*Certified that Sri. ANILKUMAR S H has completed all the requirements of the Institute for the award of the degree of **Doctor of Philosophy**. His oral examination was held on 03.12.2010 by a duly appointed Board of Examiners.*

*Title of the thesis :* **INVESTIGATION OF NATURAL CONVECTIVE HEAT TRANSFER IN A PARTITIONED ENCLOSURE UTILIZING DIFFERENT FLUIDS**

*Department :* **Mechanical Engineering**

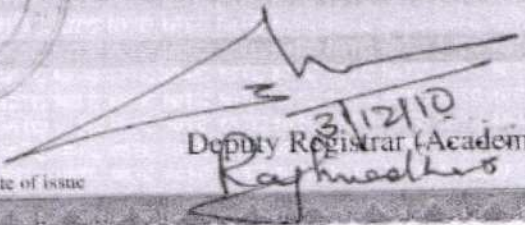
*He will be awarded Ph.D. degree of the Institute in the next convocation subject to the approval of Senate and Board of Governors.*

  
**PRINCIPAL**  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



Date : 3.12.10

Valid for twelve months from the date of issue

  
3/12/10  
Deputy Registrar (Academic)



# National Institute of Technology Tiruchirappalli

hereby confers the degree of

*Doctor of Philosophy*

*of the institute*

*on*

**ANOOP M S**

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

**Investigation on Static and Dynamic Characteristics of  
Fused Deposition Modelling 3D Printed Components  
using Representative Volume Element Numerical Analysis**



*Given this day the Twenty Fifth of September 2021  
Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA

*[Signature]*  
**PRINCIPAL**  
Sree Chitra Thirunai  
College of Engineering  
Trivandrum - 18



*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairperson  
Board of Governors

Checked by	<i>Aneet</i>
Verified by	<i>ADant</i>



A handwritten signature in green ink, consisting of a stylized 'S' and 'C' followed by a horizontal line.

PRINCIPAL  
Sree Chitra Thirunai  
College of Engineering  
Trivandrum - 18





**FACULTY OF ENGINEERING AND TECHNOLOGY**

*The Senate of the University of Kerala hereby makes known that **Nisha Jose K.** has been admitted to the Degree of Doctor of Philosophy, she having been certified by duly appointed examiners to be qualified to receive the same.*

*Subject **Electronics and Communication Engineering***

*Title of the Thesis **INVESTIGATIONS ON APPLICATION OF MEMS SWITCHES FOR ACHIEVING TUNABLE CHARACTERISTICS IN RADIO FREQUENCY INTEGRATED CIRCUIT (RFIC) SYSTEMS***

**Date of Award: 28/10/2021**

*Given under the seal of the University*



*[Signature]*  
Vice Chancellor

University Buildings

Thiruvananthapuram April 27, 2022

0700223

**PRINCIPAL**  
*Sree Chitra Thirundi*  
College of Engineering  
Trivandrum - 11

# Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 4158

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

**JAYAKUMAR E**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF TECHNOLOGY**

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

*Title of the thesis :*

**"Processing and Characterization of Functionally Graded Metal and Polymer  
Composites"**

*This award is effective from 18 September, 2017.*

*Given under the seal of the University this day, 26 October, 2017.*

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



Vice - Chancellor

Kochi -682 022  
Kerala, India.

SI No: 0095549





राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut

*Upon the recommendation of the Senate, hereby confers on*

*Lakshmi V.S.*

*the degree of*

**Doctor of Philosophy**

in the year 2020

Based on the thesis entitled:

**DESIGN AND ANALYSIS OF CRYPTOGRAPHIC SCHEMES FOR SECURE  
DATA PROCESSING IN DISTRIBUTED STORAGE SYSTEMS**

*Given at the National Institute of Technology Calicut*

on November 28, 2020

*Principal  
Sree Chitra Thiruvalluvar  
College of Engineering  
Thiruvandur - 18*



Registrar

*Sathudeni P.S.*  
Director

Chairperson  
Board of Governors



PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

Indian Institute of Technology, Madras

Doctor of Philosophy

of the Institute

RADHAKRISHNAN K.B.

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

STUDIES ON MELT CRYSTALLIZATION OF ECTETIC FORMING  
BINARY ORGANIC MIXTURES

Given this day the 9th of August 1999  
under the seal of the Institute





# National Institute of Technology Tiruchirappalli

hereby confers the degree of

*Doctor of Philosophy*

*of the institute'*

*on*

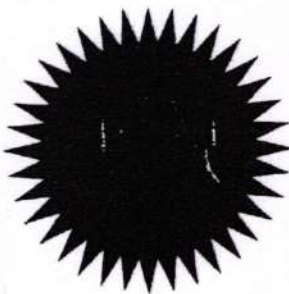
**ABHILASH S S**

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

**Processing and Characterization of Polymeric Materials  
through Rotational Moulding Process**



*Given this day the Twenty Fifth of September 2021  
Under the seal of the Institute*



PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



TIRUCHIRAPPALLI - 620 015, INDIA

M. A.  
Registrar

M. S. S.  
Director

J. A.  
Chairperson  
Board of Governors



**FACULTY OF ENGINEERING AND TECHNOLOGY**

*The Senate of the University of Kerala hereby makes known that **Sheeja, M.K.** has been admitted to the Degree of Doctor of Philosophy, she having been certified by duly appointed examiners to be qualified to receive the same.*

*Subject **Electronics and Communication.***

*Title of the Thesis **Design and Development of a holographic variable data storage system for Photopolymer security applications .***

**PRINCIPAL**  
Sree Chitra Thiruvananthapuram  
College of Engineering  
Trivandrum - 18

**Date of Award: 05/06/2010**



*Given under the seal of the University*

University Buildings  
Thiruvananthapuram February 25, 2011



*Jeyadamb*  
Vice Chancellor



**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **Sanukrishna S.S.** has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

**Subject Mechanical Engineering**

**Title of the Thesis Effect of nanoparticles on flow boiling heat transfer characteristics of refrigerants and anti-wear properties of lubricants**

**Date of Syndicate Decision: 24/08/2020**

*Given under the seal of the University*



PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



Vice Chancellor

University Buildings

Manipalapuram January 30, 2021

0633109

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# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

(A State Government University)

Thiruvananthapuram, Kerala, India - 695 016



*The Board of Governors of  
APJ Abdul Kalam Technological University*

*hereby confers the degree of  
Doctor of Philosophy  
of the University*

*on*

**KAMAL KRISHNA R**

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

**NUMERICAL AND EXPERIMENTAL ANALYSIS ON THE  
DYNAMIC CHARACTERISTICS OF CORIOLIS MASS FLOW  
METER MADE UP OF FLEXIBLE TUBE**

**PRINCIPAL**  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

*This award is effective from 29<sup>th</sup> of March, 2021*

*Given this day the 11<sup>th</sup> of June, 2021*

*Under the seal of the University*



**Register Number : D-TVE17JUL002**



**Vice-Chancellor**



Authorized Signatory  
APJ Abdul Kalam Technological University  
Date: Tue May 24 15:31:07 IST 2022



தொழில்நுட்பவியல் புலம்

FACULTY OF TECHNOLOGY

2016

ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு

ஷிமி லாரன்ஸ்

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2017 ஆம் ஆண்டு ஜூலை திங்கள் 15 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that SHIMI LAWRENCE has been conferred the*

## DEGREE OF DOCTOR OF PHILOSOPHY

*he/she having been certified by duly appointed examiners to be qualified to receive the same in the year 2016.*

*Given under the seal of the University of Madras, at Chennai this 15<sup>th</sup> day of July 2017.*

*Title of the Thesis :* "INTEGRATION OF DISASTER MANAGEMENT INTO THE CURRICULUM OF CIVIL ENGINEERING FOR THE UNDERGRADUATE DEGREE PROGRAMME" (Applied Mechanics - Engineering Education) (Inter-Disciplinary)

ஆய்வுத் தலைப்பு :

Ph.D. Degree has been awarded in accordance with the minimum standards and procedure of the regulation of the University Grants Commission 2009.



*E. Narayanaiah*  
பதிவாளர்  
Registrar

*[Signature]*

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

*P. D. Suresh*  
துணை வேந்தர்  
Vice-Chancellor



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

**RINU SATHYAN**

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

**An Integrated Decision Making and Predictive Analytics Approach for  
 Managing the Responsiveness of Indian Automotive Supply Chain**



*Given this day the Twenty - Eight of July 2023  
 Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA

A handwritten signature in green ink, belonging to the Principal, is written over a horizontal line.

**PRINCIPAL**  
**Sree Chitra Thirunal**  
**College of Engineering**  
**Trivandrum - 18**



*N. Murali*  
 Registrar

*Prmb*  
 Director

*[Signature]*  
 Chairperson  
 Board of Governors





# National Institute of Technology Durgapur

*The Board of Governors of the Institute upon the recommendation of the Senate hereby confers the degree of*

**Doctor of Philosophy**

*on*

**Rohini Samadarsi**

*(registered with Department of Biotechnology)*

*who has submitted a thesis entitled*

*"Exploration of Curcuma Amada for Bioactive Molecules and its Encapsulation for Therapeutic Applications"*

*and successfully completed the requirement as prescribed under the regulations on 02-03-2020*

**राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर**

**अभिषद् की अनुशंसा पर संस्थान का अभिशासक परिषद्**

**(बायोटेक्नोलॉजी विभाग में पंजीकृत)**

**Rohini Samadarsi**

**को**

**डॉक्टर ऑफ़ फिलोसोफी**

**की उपाधि प्रदान करता है ।**

**इन्होंने अपना शोध-प्रबंध**

**"Exploration of Curcuma Amada for Bioactive Molecules and its Encapsulation for Therapeutic Applications"**

**02-03-2020 को निर्धारित अध्ययन अपेक्षाओं के अनुरूप प्रस्तुत कर शोध कार्य पूर्ण किया है।**

PRINCIPAL  
Sree Chitra Thiruvalluvar  
College of Engineering  
Trivandrum - 18



*[Signature]*

Chairman, Senate  
अध्यक्ष, अभिषद्



*[Signature]*

Chairman, Board of Governors  
अध्यक्ष, अभिशासक परिषद्

Durgapur, India / दुर्गापुर, भारत  
January 12, 2021 / 12 जनवरी, 2021

No. A-2020-1336



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut

*Upon the recommendation of the Senate, hereby confers on*

*Sreejith B J*

*the degree of*

**Doctor of Philosophy**

in the year 2020

Based on the thesis entitled:

**MODELLING AND ANALYSIS OF MULTI-ECHELON SUPPLY CHAINS  
FOR DETERIORATING PRODUCTS**

*Given at the National Institute of Technology Calicut*

on November 28, 2020

**PRINCIPAL**  
**Sree Chitra Thirunal**  
**College of Engineering**  
**Trivandrum - 18**

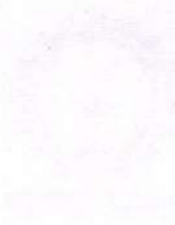


**Registrar**

**Director**

**Chairperson**  
**Board of Governors**

1870



1870

THE UNIVERSITY OF

THE STATE OF NEW YORK

IN SENATE

JANUARY 1870

REPORT

OF THE

COMMISSIONERS

OF THE LAND OFFICE

IN ANSWER TO A RESOLUTION

PASSED BY THE SENATE

APRIL 1869

ALBANY:

*[Handwritten signature]*

1870



# National Institute of Technology Tiruchirappalli

*hereby confers the degree of*

*Doctor of Philosophy*

*of the institute*

*on*

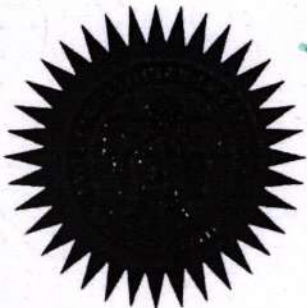
**ANI LAWRANCE**

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

**Exploration of Processes, Development of Mathematical Model and  
Simulation for Batch Biodrying of Municipal Solid Waste**



*Given this day the Twenty - Eight of July 2023  
Under the seal of the Institute*



*[Signature]*  
**PRINCIPAL**  
**Sree Chitra Thirunai**  
**College of Engineering**  
**Trivandrum - 18**



TIRUCHIRAPPALLI - 620 015, INDIA

*[Signature]*  
**Registrar**

*[Signature]*  
**Director**

*[Signature]*  
**Chairperson**  
**Board of Governors**



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
(A State Government University)



*The Board of Governors of APJ Abdul  
Kalam Technological University hereby*

*confers the degree of*  
**Doctor of Philosophy**  
*of the University*

*on*

**SMITHA P S**

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

**INVESTIGATIONS ON NANOCAPACITORS AS ENERGY  
STORAGE DEVICE**

**PRINCIPAL**  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

*This award is effective from 9<sup>th</sup> of October, 2020*

*Given this day the 28<sup>th</sup> of October, 2020*

*Under the seal of the University*



Register Number : D-TVE17JUL001



Vice Chancellor



# Indian Institute of Technology Madras

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

**MOHAN G**

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

**NUMERICAL STUDIES ON LIQUID AND GAS COOLED  
SOLID STATE HYDROGEN STORAGE DEVICES**



ME84023

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



*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
R. Chidambaram  
Chairman, Board of Governors

*[Signature]*

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18





**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **Subu Surendran** has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

**Subject Computer Science and Engineering.**

**Title of the Thesis Web Mining Techniques for the Analysis of Social Networks .**

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Wivandrum - 18

Date of Syndicate Decision: 11/08/2017

Given under the seal of the University



Vice Chancellor



University Buildings

Thiruvananthapuram May 08, 2018

0519426



**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **Soniya B.** has been admitted to the Degree of Doctor of Philosophy, she having been certified by duly appointed examiners to be qualified to receive the same.

**Subject Computer Science and Engineering.**

**Title of the Thesis Methodologies for the development of an intelligent botnet detection system .**

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18

Date of Syndicate Decision: 16/07/2016



Given under the seal of the University



Vice Chancellor

University Buildings

Thiruvananthapuram April 26, 2018





**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
**(A State Government University)**  
**Thiruvananthapuram, Kerala, India**

**PROVISIONAL DEGREE CERTIFICATE**

*This is to certify that the candidate has provisionally qualified for the award of degree of Doctor of Philosophy of the University*

Name : **PREM KUMAR J**  
Register No : **D-TVE16JUL001**  
Degree : **Ph. D.**  
Date of Viva-voce Exam : **25/08/2023**  
Title of thesis : **Tribological investigations on A356-SiCp functionally graded composite in unidirectional and reciprocating sliding modes**

Place: **Thiruvananthapuram**

Date: **21/09/2023**

**Dean (Research)**

File No: **23/12/00034**



**PRINCIPAL**  
**Sree Chitra Thirunal**  
**College of Engineering**  
**Trivandrum - 18**

Authorized Signatory  
APJ Abdul Kalam Technological University  
Date: Thu Sep 21 10:28:05 IST 2023



# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

(A State Government University)

Thiruvananthapuram, Kerala, India - 695 016

## PROVISIONAL DEGREE CERTIFICATE

*This is to certify that the candidate has provisionally qualified for the award of degree of Doctor of Philosophy of the University*

Name : SHAJAN S  
Register No : D-TKM18JAN005  
Degree : Ph. D.  
Date of Viva-voce Exam : 08/03/2023  
Title of thesis : Numerical and Experimental Investigations on the Performance Improvements of Parabolic Trough Solar Thermal Collector for Medium Temperature Applications

Place: Thiruvananthapuram

Date: 26/04/2023

File No: 23/12/00012



Dean (Research)

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18



കർമ്മിണി ജ്ഞാനം മരണം  
കേരള സർവകലാശാല

**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **Jtsu Elsa Jacob** has been admitted to the Degree of Doctor of Philosophy, she having been certified by duly appointed examiners to be qualified to receive the same.

Subject **Electronics and Communication Engineering**

Title of the Thesis **STUDIES ON EEG-BASED DIAGNOSIS OF ENCEPHALOPATHY USING CHAOTIC AND OTHER NONLINEAR ANALYSIS**

PRINCIPAL  
Sree Chitra Thirunai  
College of Engineering  
Trivandrum - 18

Date of Award: 17/08/2021

Given under the seal of the University



Vice Chancellor

University Buildings  
Thiruvananthapuram December 10, 2021

0670668

**Noorul Islam Centre for Higher Education**  
 (Deemed-to-be-University under section 3 of the UGC Act 1956)



Reg. No.: **0113917201**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **ANOOP KUMAR S** has been admitted to the **Degree of Doctor of Philosophy** 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 in **August 2019**.

*Title of the Thesis:* **NUMERICAL INVESTIGATION ON EFFECT OF GEOMETRIC, MATERIAL AND LOAD PARAMETERS ON STRENGTH OF COMPOSITE PANELS WITH CUTOUTS.**



*(Handwritten signature in green ink)*

PRINCIPAL  
 Sree Chitra Thirunal  
 College of Engineering  
 Trivandrum - 18



Self attested. *(Handwritten signature)*  
 14/10/2019  
 (ANOOP KUMAR S)

Given under the seal of the University



NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE

Dated: **23 NOV 2019**

Kumaracoli-629 180  
 Kanyakumari Dist.,  
 Tamil Nadu  
 India

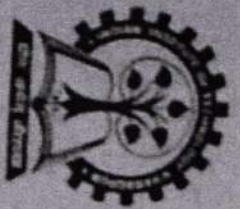
*(Handwritten signature)*  
**Controller of Examinations**



*(Handwritten signature)*  
**Registrar**

*(Handwritten signature)*  
**Vice-Chancellor**





# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

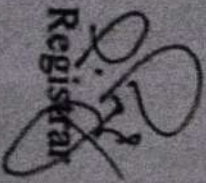
on

**Bobby Phillip**

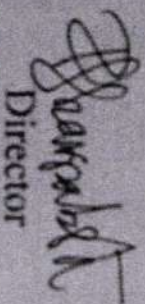
in recognition of the research work on

***Frequency Domain Techniques for Model Order Reduction and Controller Design***

Given under the seal of the Institute at Kharagpur on the Thirtieth day of July, Two Thousand and Sixteen

  
Registrar



  
Director

  
PRINCIPAL

Sree Chitra Titirani  
College of Engineering

Titirani - 751 007




**NATIONAL INSTITUTE OF TECHNOLOGY**  
TIRUCHIRAPPALLI -620 015, TAMILNADU, INDIA.  
**PROVISIONAL CERTIFICATE**



Ref.: Acad/Ph.D./PC/2017/12

Dated: 11-10-2017

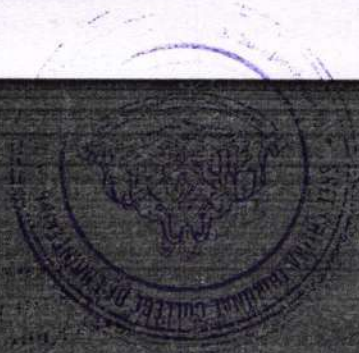
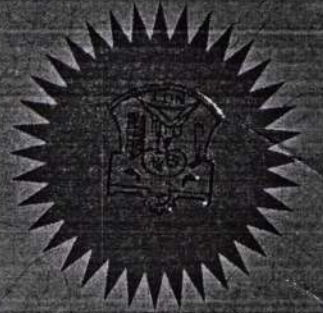
This is to certify that Mr. Kavilal E. G (Roll No. 414113002) has completed the prescribed courses and had defended his Ph.D. thesis entitled "*Integrated Decision Making Approaches for Assessing and Optimizing Supply Chain Complexity Considering Resilience*" successfully in a public viva – voce examination held on 4<sup>th</sup> October 2017. He shall be awarded the *Doctor of Philosophy* degree in the forthcoming Convocation of the Institute.

  
Dean (Academic)





TIRUCHIRAPPALLI - 620 015, INDIA



*Registrar*

*M. S. Srinivasan*

*Director & Chairman,  
Board of Governors*



*[Signature]*

*Under the seal of the Institute*

*Given this day the twenty-eighth of July, 2018*

*Integrated Decision Making Approaches for Assessing and  
Optimizing Supply Chain Complexity Considering Resilience*

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

**KAVILAL E G**

*an*

*of the institute*

*Doctor of Philosophy*

*hereby confers the degree of*



414113002

SI.No.: 2018/01594



Thiruvananthapuram September 15, 2021

University Buildings - IX  
College of Engineering  
Sree Chitra Thirunal

PRINCIPAL



Given under the seal of the University



Vice Chancellor

*[Handwritten signature]*

Date of Award: 10/12/2020

Title of the Thesis *Investigations on heat transfer and fluid flow in a film cooled rocket thrust chamber*

Subject *Mechanical Engineering*

The Senate of the University of Kerala hereby makes known that Arun M. has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

**FACULTY OF ENGINEERING AND TECHNOLOGY**

ശ്രീ ചിത്ര തിരുനാൾ  
കോളേജ് ഓഫ് എഞ്ചിനീയറിംഗ്



LUNAL CO  
PURAM 69

# Cochin University of Science and Technology



*EdB 10*



## FACULTY OF TECHNOLOGY

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... Libish T M .....  
is admitted to the Degree of

## DOCTOR OF PHILOSOPHY

under the Faculty of Technology, 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.... 31st December, 2015.....



University Buildings  
Kochi - 682 022  
Issued on 13/01/2016.....

*Walt*  
Vice-Chancellor.

*Ch*

PRINCIPAL  
Sree Chitra Thirunal  
College of Engineering  
Trivandrum - 18