

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF ENVIRONMENTAL AND ATMOSPHERIC SCIENCES

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. IGNATIUS ANTONY**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*  
**Environmental Science (Botany)**

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

*Title of the Thesis : Phytoremediation of waste water with a few  
Aquatic/semi aquatic and Terrestrial Weeds*

*Given under the seal of the University*

Date of Syndicate Decision:07-05-2015



University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 28-December-2015



*Dr. Joy K. L.*  
**Principal**  
**St. Thomas' College**  
**(Autonomous)**  
**Thrissur - 680 001**

*Vice-Chancellor*



FACULTY OF SCIENCE

The Syndicate of the Mahatma Gandhi University

herby makes known that

Varghese, J. D.

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

Biochemistry

in

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

Title of the Thesis: Anticancer activity of selected Medicinal plants

(A study of the Anticancer principles from Senecio madagascariensis)

Given under the seal of the University



Date of Synthesis Decision: 7-02-96

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date 20.06.96



17625

*[Signature]*  
Vice Chancellor

Dr. Martin K. A.  
Assistant Professor  
In-charge of Principal  
St. Thomas College (Autonomous)  
Thrissur - 680 001



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

*The Senate of the University of Calicut hereby makes it known that*

*Vimala Jose*

*has been admitted to  
the Degree of*

*Doctor of Philosophy*

*in*

*Botany*

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635

09/03/2006

Date.....

*[Signature]*  
VICE CHANCELLOR



Nº 031931

2019.10.16 14:3



# UNIVERSITY OF KERALA

Book No. 20  
Folio No. AcEII/198/20  
Register No. 9397

Sl. No.43  
Thiruvananthapuram  
Dated : 20/08/2020

Date of Syndicate  
Decision } 15/06/2020

## PROVISIONAL CERTIFICATE

Issued to **Geethu Elizabeth Thomas**

Certified that the above mentioned candidate has been declared eligible for the award of the Ph.D Degree in the Faculty of **Applied Sciences and Technology**

Subject: **Biotechnology**

Title of the thesis: **Genetic Variation and pathogen (*Pythium myriotylum* Drechsler) response in *Zingiber* species with contrasting breeding systems**



  
REGISTRAR

# University of Calicut



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

*Anto. P.V.*

has been admitted to  
the Degree of

*Doctor of Philosophy*

in

*Botany*

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



CALICUT UNIVERSITY

Pin-673 635

Date 01/06/2006

*[Signature]*  
VICE CHANCELLOR

THRISSUR HIGHER SECONDARY  
048029  
THRISSUR-880001

181714  
JOSEPH. M. C.  
PRINCIPAL  
THOMAS COLLEGE HIGHER



## FACULTY OF SCIENCE

*The Senate of the University of Kerala hereby makes known that **Thomas, M.T.** 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 **Botany***

*Title of the Thesis **Biosystematic studies on the taxa of Centella L , and Hydrocotyle L. occuring in Peninsular India with special reference to intraspecific variants of Centella asiatica (L) Urb***

*Date of Syndicate Decision: 10/10/2013*

*Given under the seal of the University*

*University Buildings*

*Thiruvananthapuram September 29, 2014*



*Vice Chancellor*

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF ENVIRONMENTAL AND ATMOSPHERIC SCIENCES

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. JOBY PAUL**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY  
in  
Environmental Science (Botany)**

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

*Title of the Thesis : Taxonomy, distribution and ecology of the riparian  
flora of Pamba river, Kerala*

*Given under the seal of the University*

Date of Syndicate Decision:05-11-2013

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 08-December-2014



*Vice-Chancellor*



## FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

**Sandhya Vincent Neelamkavil**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Botany*

she having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635  
Date 31/01/2017

  
Vice - Chancellor







FACULTY OF Medicine

The Senate of the University of Calicut hereby makes known that

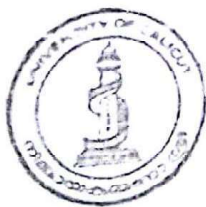
Joy Id. L.

has been admitted to the Degree of

Doctor of Philosophy

in Bio-chemistry he/she having been certified by duly appointed examiners to be qualified to receive the same with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY  
673 835

Date 3-10-2000.

*[Signature]*  
VICE-CHANCELLOR

# University of Calicut

FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes known that

Joby Thomas K.

has been admitted to the Degree of

**Doctor of Philosophy**

in Chemistry he/she having been certified by duly  
appointed examiners to be qualified to receive the same  
with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY  
673 635

Date 6.12.94.

VICE-CHANCELLOR

# Mahatma Gandhi University



FACULTY of *Science*.....

The Syndicate of the Mahatma Gandhi University  
hereby makes known that

*Joshy C.L.*

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in *Chemistry*.....

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

Title of the Thesis: .....

*Activation of Carboxyl Groups  
in Organic Synthesis*

Given under the seal of the University

Date of Syndicate Decision: *7-8-1998*.....

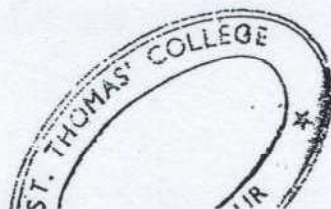
MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *November 8, 2001.*



*W. K. R.*  
Vice Chancellor

*P. R.*  
FR. DEVASY P. R.  
PRINCIPAL  
ST. THOMAS COLLEGE  
THRISUR-1.



# Mahatma Gandhi University



FACULTY of *Science*

The Syndicate of the Mahatma Gandhi University

hereby makes known that

*Paulson Mathew*

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in **CHEMISTRY**

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

Title of the Thesis: *Development of Novel Approaches  
Towards Synthesis of Substituted Pyrroles and  
Their Applications in the Total Synthesis of  
Some Pyrrole containing Natural Products*

Given under the seal of the University

Date of Syndicate Decision: *20-05-2005*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *14 June, 2005*



Vice Chancellor

# Cochin University of Science and Technology



## FACULTY OF TECHNOLOGY

*The Academic Council of the Cochin University of Science and Technology hereby makes known that* Suril Jose T.  
*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 30<sup>th</sup> September 2008.*

*University Buildings,  
Kochi - 682 022.*



*Palthey  
Vice-Chancellor.*

## भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिषद की अनुशंसा पर

विद्या वाचस्पति

की उपाधि एतद्वारा

जेन्सी थॉमस

को प्रदान करता है।

शोध-प्रबन्ध शीर्षक : स्ट्रक्चर-सिन्योसिस कोरिलेशन ऑफ फॉस्फोमॉलिब्डेट बेस्ड सॉलिड्स : लिंकिंग मॉलिक्यूलर यूनिट्स ऐन्ड देयर सॉलिड-स्टेट

काउन्टरपार्ट्स ।

भारतीय गणराज्य के अन्तर्गत दिल्ली में आज, दिनांक 7 अगस्त 2010 को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

### Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the Degree of

Doctor of Philosophy

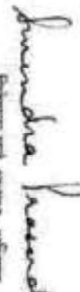
on

JENCY THOMAS

Thesis title : STRUCTURE-SYNTHESIS CORRELATION OF PHOSPHOMOLYBDATE BASED SOLIDS : LINKING MOLECULAR UNITS AND THEIR SOLID-STATE COUNTERPARTS.

Given this day, the 7<sup>th</sup> of August 2010, under the seal of the Institute at Delhi in the Republic of India.

  
मान्य, सभ्यताक वरर  
Chairman, Board of Governors

  
नरररररररररररररररररर  
Director & Chairman, Senate

  
ररररररररर  
Registrar





## FACULTY OF SCIENCE

*The Senate of the University of Kerala hereby makes known that **Jinish Antony, 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.*

*Subject **Chemistry***

*Title of the Thesis **Self - organization Approach for Conducting Polypyrrole and Their Copolymer Nanomaterials***

*Date of Syndicate Decision: 26/09/2011*

*Given under the seal of the University*

*University Buildings  
Thiruvananthapuram May 29, 2012*



*Jeyaraj*  
Vice Chancellor

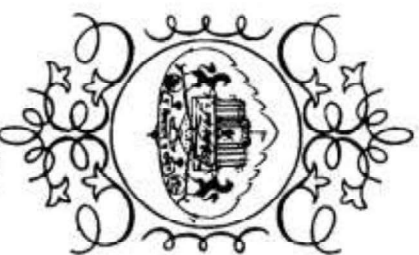


**Himvercity**

**OF**

**Prune**

(Formerly  
University of Poona)



**पुणे**  
**विद्यापीठ**

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु

आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य,

प्रमाणित करितो की,

\_\_\_\_\_ जोसेफ \_\_\_\_\_

\_\_\_\_\_ जॉली व्ही. रल. \_\_\_\_\_

**विद्यावाचस्पति**

( \_\_\_\_\_ रसायनशास्त्र \_\_\_\_\_ )

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान  
करण्यात येत आहे.

याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे

अंकित करण्यात येत आहे.

*We, the Chancellor,*

*the Vice Chancellor and*

*the Members of the Management Council*

*and the Academic Council of the*

*University of Pune certify*

that \_\_\_\_\_ *Joseph W. P.* \_\_\_\_\_

\_\_\_\_\_ *John* \_\_\_\_\_

*having been examined and found duly*

*qualified for the degree of*

**Doctor of Philosophy**

( \_\_\_\_\_ *Chemistry* \_\_\_\_\_ )

*The said degree has been conferred on him.*

*In testimony whereof is set*

*the seal of the said University*

*A. S. Walke*

21st January 2005

*Vice Chancellor*

*अशोक जोसेफकर*

कुलगुरु





**UNIVERSITY OF CALICUT  
(Directorate of Research)**

Grams : UNICAL  
Phone : 0494-2407497  
: 0494-2407545  
e-mail : [dor@uoc.ac.in](mailto:dor@uoc.ac.in)

Tagore Nikethan  
Calicut University  
P.O. 673 635  
Kerala, In

206206/RESEARCH-C-ASST-1/2020/Admn

11.08.2021

**NOTIFICATION  
AWARD OF RESEARCH DEGREE IN CHEMISTRY**

It is hereby notified that, the Syndicate of this University at its meeting held on **16.07.2021** resolved vide **Item No. 2021.625\*** to award the Degree of Doctor of Philosophy (Ph.D.) in **Chemistry** under the Faculty of Science to **Ms. Jisha Joseph**, Research Scholar (Registration Order No.9619/2016/Admn dated 09.08.2016) under the supervision of Research Guide, **Dr. Jency Thomas**, Assistant Professor, Department of Chemistry, St. Thomas College, Thrissur, for the thesis entitled "**SELF-ASSEMBLY OF STRUCTURALLY DIVERSE PHOSPHOMOLYBDATES: SYNTHESIS, STRUCTURE AND PROPERTIES**".

This award is effective from 25.06.2021.



**Dr. Baby Shari P. A  
Director of Research**

To  
Dr. Jisha Joseph.,  
Department of Chemistry,  
St. Thomas College,  
Thrissur.

Copy to:

- 1). The Examiners (With Compliments)
- 2). Dr. Jency Thomas (Supervising Teacher)
- 3). The Head, Department of Chemistry, St. Thomas' College Thrissur
- 4). The Librarian, C.H.M.K. Library, University of Calicut
- 5). The Controller of Examinations, University of Calicut
- 6). The P.S. to Vice-Chancellor, University of Calicut
- 7). The P.A. to Pro-Vice-Chancellor, University of Calicut
- 8). The P.A. to Registrar, University of Calicut
- 9). The P.R.O., University of Calicut
- 10). DoR 'B' Section, University of Calicut
- 11). PL.D. 'A' Section
- 12). The Librarian, A.I.U. House, 16, Comrade Indrajit Gupta Marg, New Delhi -110002
- 13). The Secretary, U.G.C., Bahadurshah Zafar Marg, New Delhi - 110002
- 14). The Editor, University News, A.I.U. House, 16 Kotla Road, New Delhi -110002
- 15). The Director, INFLIBNET Centre, Infocity, Gandhinagar - 382 007, Gujarat.



**UNIVERSITY OF CALICUT  
(Directorate of Research)**

Grams : UNICAL  
Phone : 0494-2407497  
: 0494-2407545  
e-mail : [dor@uoc.ac.in](mailto:dor@uoc.ac.in)

Tagore Nikethan  
Calicut University  
P.O. 673 635  
Kerala, In

178443/RESEARCH-C-ASST-1/2021/Admn

26.01.2022

**NOTIFICATION**

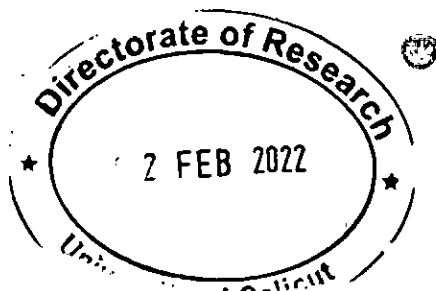
**AWARD OF RESEARCH DEGREE IN CHEMISTRY**

It is hereby notified that, the Syndicate of this University at its meeting held on **30.12.2021** resolved vide **Item No. 2021.1226\*** to award the Degree of Doctor of Philosophy (Ph.D.) in **Chemistry** under the Faculty of Science to **Ms. Reeja Johnson**, Research Scholar (Registration Order No:55388/RESEARCH-B-ASST-3/2013/CU Dated 13.12.2013) under the supervision of Research Guide, **Dr. Joby Thomas. K**, Associate Professor (Retd), Department of Chemistry, St. Thomas College Thrissur, for the thesis entitled "**Structural corrosion inhibition and biological investigations of schiff bases containing sulphur and their metal chelates**"

This award is effective from 26.11.2021.

**Dr. Baby Shari P.A**

**Director of Research**



To  
Dr. Reeja Johnson,  
Mullakkal (H),  
Puthurkkara,  
Ayyanthole (Post)  
Thrissur (Dt);  
PIN - 680003.

Copy to:

- 1). The Examiners (With Compliments)
- 2). Dr. Joby Thomas. K ( Supervising teacher)
- 3). The Principal, St. Thomas' College Thrissur.
- 4). The Librarian, C.H.M.K. Library, University of Calicut
- 5). The Controller of Examinations, University of Calicut
- 6). The P.S. to Vice-Chancellor, University of Calicut
- 7). The P.A. to Pro-Vice-Chancellor, University of Calicut
- 8). The P.A. to Registrar, University of Calicut
- 9). The P.R.O., University of Calicut
- 10). DoR 'B' Section, University of Calicut
- 11). PL.D. 'A' Section
- 12). The Librarian, A.I.U. House, 16, Comrade Indrajit Gupta Marg, New Delhi -110002
- 13). The Secretary, U.G.C., Bahadurshah Zafar Marg, New Delhi - 110002
- 14). The Editor, University News, A.I.U. House, 16 Kotla Road, New Delhi -110002
- 15). The Director, INFLIBNET Centre, Infocity, Gandhinagar - 382 007, Gujarat

# Mahatma Gandhi University



MAHATMA GANDHI UNIVERSITY  
KOTTAYAM - KERALA

FACULTY of *Social Sciences*

The Syndicate of the Mahatma Gandhi University

herby makes known that

*Thomas Paul Kattookaran*

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in *Economics*

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

Title of the Thesis

*An Economic Evaluation of  
Consumer Co-operatives in Kerala*

Given under the seal of the University

Date of Syndicate Decision: *21-10-2003*

MAHATMA GANDHI UNIVERSITY  
PRIVADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *19 December 2003*



*Mil*

Vice Chancellor

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg C1/85/Law, dated 17th April 1985)



## FACULTY OF COMMERCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. PAUL JOSE. P**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY  
in  
Commerce**

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

*Title of the Thesis : AN EVALUATION OF SHG BANK LINKAGE PROGRAMME  
IN KERALA*

*Given under the seal of the University*

Date of Syndicate Decision:22-01-2019

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India



*Vice-Chancellor*

Dated : 12-February-2019



# Cochin University of Science and Technology



## FACULTY OF SOCIAL SCIENCES

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

### DOCTOR OF PHILOSOPHY

*under the Faculty of Social Sciences, 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.....* **14th July, 2016** .....

*University Buildings*

*Kochi - 682 022*

*Issued on .....* **27/07/2016** .....



*[Signature]*  
*Vice-Chancellor*

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF COMMERCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Smt. DAISLAND THATTIL**  
*has been admitted to the Degree of*  
**DOCTOR OF PHILOSOPHY**  
*in*  
**Commerce**

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

*Title of the Thesis :* **STRESS MANAGEMENT AMONG NURSES IN PRIVATE AND  
GOVERNMENT HOSPITALS IN KERALA- A COMPARATIVE STUDY**

*Given under the seal of the University*

Date of Syndicate Decision:30-04-2019

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India



  
Vice-Chancellor



## FACULTY OF COMMERCE & MANAGEMENT STUDIES

The Senate of the University of Calicut hereby makes it known that

**Divya George**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Commerce*

she having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



A handwritten signature in blue ink is located in the center of the page, below the text.

**Vice - Chancellor**

CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635  
05/10/2021  
Date .....



No. 0949402



# Mahatma Gandhi University

(Established by Kerala State Legislature by the Gandhiji University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1985 by Act II of 1988)  
University Buildings, Priyadarsini Hills P.O., Kottayam-686 560, Kerala, India

## FACULTY OF COMMERCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. VIPIN BENNY**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**COMMERCE**

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

*Title of the Thesis :*

**A STUDY ON PATENTED AYURVEDIC DRUGS IN KERALA**

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 19-01-2021

Dated : 26-April-2021



*Vice-Chancellor*



Centre Code : 32

Reg.No. 52115-Ph.D-COM



Code no. SBF7A : S.No.



# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act;  
Member, Association of Indian Universities and Association of Commonwealth Universities)



## வணிகவியல் புலம் FACULTY OF COMMERCE

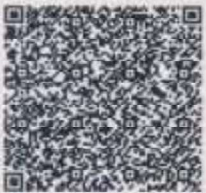
பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஜூலை 2019  
ஆம் ஆண்டு பினோஷ் கீட்டிக்க என்பவர்  
வணிகவியல் பிரிவில் முனைவர்  
என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்  
சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப்  
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes  
known that **FINOSH KEETTICKA** has been admitted  
to the Degree of **DOCTOR OF PHILOSOPHY,** in the subject  
**COMMERCE,** having been certified  
by duly appointed Examiners to be qualified to receive  
the same in **JULY 2019.**

Place of Study: ST. JOSEPH'S COLLEGE(Autonomous), TIRUCHIRAPPALLI.

### Title of the Thesis

"AN INQUIRY INTO THE HRIS PRACTICES OF BANKING INDUSTRY WITH  
SPECIAL REFERENCE TO PRIVATE SECTOR BANKS IN THRISSUR DISTRICT,  
KERALA"



Given under the seal of the University.



திருச்சிராப்பள்ளி  
Tiruchirappalli

நாள் :  
Date : 1st October 2019

ISSUED ON : 01-10-2019

*P. Kei*  
பதிவாளர் Registrar

*P. Manisankar*  
துணைவேந்தர் Vice - Chancellor

O 000989



# SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES

DEEMED-TO-BE-UNIVERSITY

(Formerly Allahabad Agricultural Institute)

ALLAHABAD-2111007, U.P.-INDIA

(A Christian University of Rural Life)

Sl. No.:PHD000015  
ID No.:03PHCOSC002

By the authority of its Executive Council

and upon the recommendation of its Academic Council it is hereby conferred upon

**Jiju. A. Mathew** Son/Daughter of **Mr. V.C. Mathew**

the Degree of

**Doctor of Philosophy in Computer Science & Communication**

programme of the

**Faculty of Engineering and Technology**

on **July 9, 2010**

with all its privileges and responsibilities given under the seal of  
Sam Higginbottom Institute of Agriculture, Technology & Sciences

At Allahabad in the State of Uttar Pradesh, India

On the Third day of November Two Thousand and Ten

**Prof. (Dr.) A.K.A. Lawrence**  
Registrar



**Prof. (Dr.) S. B. Lal**  
Pro Vice-Chancellor



**Prof. (Dr.) Rajendra B. Lal**  
Vice-Chancellor



# Anna University



Reg.No.10900031110/RG

The Syndicate of the Anna University hereby makes known that **SUNIL SUNNY CHALAKKAL** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Science and Humanities, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".


*Title of the Thesis:*

A DATA MINING APPLICATION TO OPTIMIZE TIME AND MEMORY UTILIZATION USING DISTRIBUTED CLUSTERING METHODS FOR LARGE MULTIDIMENSIONAL DATABASES WITH DYNAMIC INDEX AND SEARCH STRUCTURES

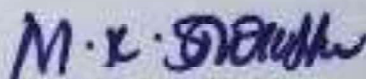
*Given under the seal of the University*



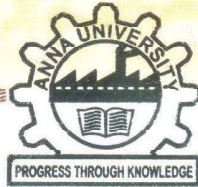
Chennai 600025  
India  
December 2018  
CHENNAI

  
Controller of Examinations  
SUNIL SUNNY CHALAKKAL

  
Registrar

  
Vice-Chancellor

# Anna University



Reg.No. 7080013120/RG

*The Syndicate of the Anna University hereby makes known that*  
**ANIL GEORGE K** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the* **Faculty of Science and Humanities**, *having been certified by the duly appointed examiners to be qualified to receive the same in the year* **2016**. *The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

*Title of the Thesis:*

**A FUZZY - ENABLED NEURAL LEARNING PARADIGM FOR PREDICTION OF ACUTE MYOCARDIAL INFARCTION**

*Given under the Seal of the University*



Chennai 600 025  
India  
May 2017  
NAR01718

  
*Controller of Examinations*  
ANIL GEORGE K

  
*Registrar*

  
*Chairman, Convener Committee*  
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

அறிவியல் புலம்  
FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,  
ஆஷா கே, 2014 ஆம் ஆண்டு, ஆகஸ்ட் 20 ஆம் நாளில் கணினியியல் அறிவியல் என்னும் பிரிவில்  
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை  
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பஸ்கலைக் கழக இலக்கினைபுடன,  
பாரதியார் பல்கலைக் கழக ஆட்சித் துழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that ASHAK  
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE,  
having been certified by duly appointed Examiners to be qualified to receive the same on 20th AUGUST 2014.

Given under the Seal of the University



கோயம்புத்தூர்

Coimbatore

செப்டி 19  
நாள்

தேர்வாளையர்(பொ)

முனைவர்  
பதிவாளர்

பதிவாளர்

Dated: 22nd December 2014

Controller of Examinations /c

Registrar

Vice-Chancellor



4058592

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF SOCIAL SCIENCES

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. FEBIN BABY**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*  
**Criminology**

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

*Title of the Thesis :* **HIGH INTERNET PROPENSITY AND CYBER DEVIANCE  
AMONG CHILDREN - A STUDY WITH REFERENCE TO KERALA**

*Given under the seal of the University*

Date of Syndicate Decision:22-01-2019

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India



*Vice-Chancellor*



புதுச்சேரி மாண்புமிகு கல்வி  
Bharathiar University

சமூக அறிவியல் பகுதி

FACULTY OF SOCIAL SCIENCES

புதுச்சேரி மாண்புமிகு கல்வி	புதுச்சேரி	மாண்புமிகு	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி
சமூக அறிவியல் பகுதி	சமூக அறிவியல்	சமூக அறிவியல்	சமூக அறிவியல்	சமூக அறிவியல்	சமூக அறிவியல்	சமூக அறிவியல்	சமூக அறிவியல்
புதுச்சேரி மாண்புமிகு கல்வி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி	புதுச்சேரி

The Syndicate of the Bharathiar University hereby makes known that **SIJOHN K J** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **PSYCHOLOGY**, having been certified by duly appointed Examiners to be qualified to receive the same on **16th OCTOBER 2019**.

Given under the Seal of the University.



செயலாளர்  
கம்போடு  
பகுதி

செயலாளர் (கல்வி)

பதிவுகாணியாளர் (கல்வி)

புதுச்சேரி மாண்புமிகு கல்வி

Dated: 18th December 2019 Controller of Examinations (IC)  
ISSUED ON - 3 OCT 2020

Vice-Chancellor



## FACULTY OF HUMANITIES

The Senate of the University of Calicut hereby makes it known that

**Francis. K.C.**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Economics*

he having been certified by duly appointed Examiners


to be qualified to receive the same


with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



Date .....

  
Vice - Chancellor

  
Dr. Martin K. A.  
Assistant Professor  
In-charge of Principal  
St. Thomas College (Autonomous)  
Thrissur - 680 001



No. 0764546



# Mahatma Gandhi University



FACULTY of *Social Sciences*

The Syndicate of the Mahatma Gandhi University

hereby makes known that

*Sabu Layan P.J.*

has been admitted to the Degree of

## DOCTOR OF PHILOSOPHY

in *Economics*

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

Title of the Thesis: *DYNAMICS OF HOUSEHOLD  
EXPENDITURE ON EDUCATION:  
A COMPARATIVE STUDY ON RURAL  
AND URBAN AREAS OF KERALA*

Given under the seal of the University

Date of Syndicate Decision: *30.09.2013*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA





കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF LANGUAGE AND LITERATURE

The Senate of the University of Calicut hereby makes it known that

*Anto Thomas. C.*

has been admitted to  
the Degree of

*Doctor of Philosophy*

in

*English*

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635

Date.....28/04/2009

*[Signature]*

VICE CHANCELLOR



Nº 173431

COPY

# Mahatma Gandhi University



विद्यया अमृतमश्नुते

FACULTY of Language & Literature  
The Syndicate of the Mahatma Gandhi University  
hereby makes known that

Biju C.S.

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in English

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

Title of the Thesis: Performance as Re-imagining  
Representation: The Protean Performatives  
of Anna Deavere Smith

Given under the seal of the University

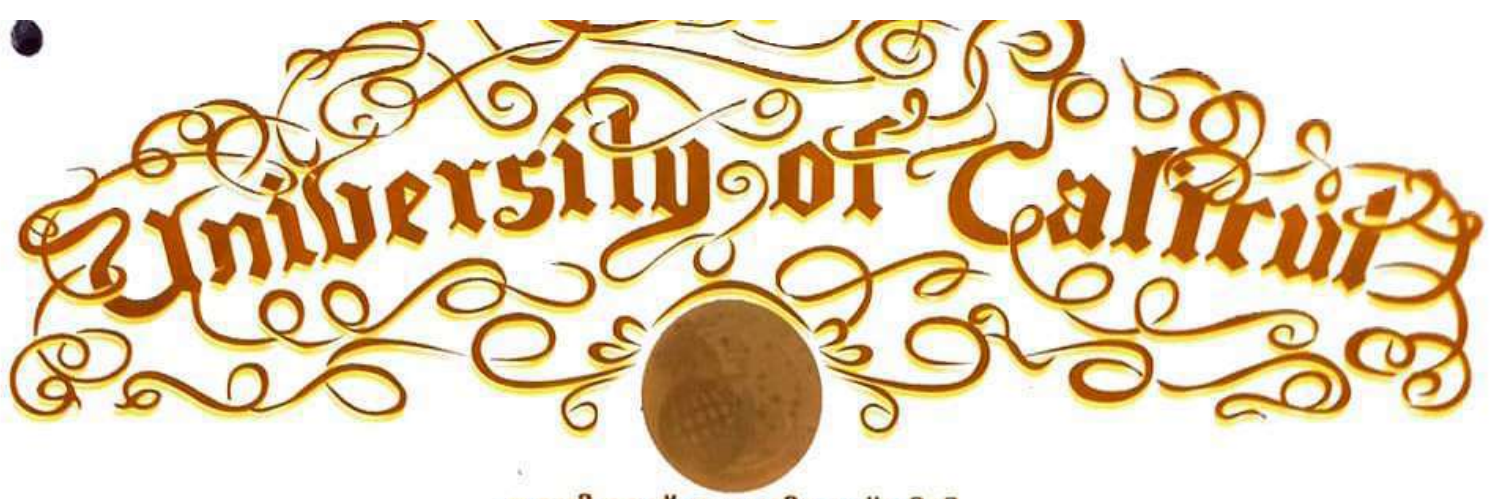
Date of Syndicate Decision: 19-01-'05

MAHATMA GANDHI UNIVERSITY  
PREYADARSHINI HILLS  
KOTTAYAM - KERALA

17-02-05



*Attested*  
*Biju C.S.*  
Vice Chancellor



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

**FACULTY OF LANGUAGE AND LITERATURE**

*The Senate of the University of Calicut hereby makes it known that*

*J. Sanil Raj*

*has been admitted to*

*the Degree of*

*Doctor of Philosophy*

*in*

*English*

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY PO  
Kerala INDIA  
PIN-673 635

VICE CHANCELLOR



Date .....17/01/2011

**Nº 272542**

The **Gandhigram Rural Institute**  
 ( Deemed University )

*Re-Accredited by NAAC with 'A' Grade*

The Board of Management of the  
**Gandhigram Rural Institute**  
 hereby confers the Degree of  
**Doctor of Philosophy**

on  
*K. A. Martin*

.....  
*for successfully completing the prescribed programme*

*of study and presenting the thesis entitled*  
*A Comparative Study of the Mystical Elements in*  
 .....  
*Sri Aurobindo's Savitri: A legend and a Symbol and*  
 .....  
*Kazantzakis' the Odyssey: A Modern Sequel*  
 .....

(Date of Viva Voce: 03.02.2011 )  
*Eighth* *January 2013*

Given this day the.....of.....

*under the seal of the Institute*



Gandhigram  
 Tamilnadu

Dated : 08 JAN 2013

*N. V. [Signature]*  
 Registrar

*[Signature]*  
 Vice-Chancellor



Grams : UNICAL  
Phone : 0494-2407497  
: 0494-2407545  
e-mail : [dor@uoc.ac.in](mailto:dor@uoc.ac.in)

**UNIVERSITY OF CALICUT  
(Directorate of Research)**

Tagore Nikethan  
Calicut University  
P.O. 673 635  
Kerala, In

183494/RESEARCH-C-ASST-2/2019/Admn

30.09.2020

**NOTIFICATION**

**AWARD OF RESEARCH DEGREE IN ENGLISH**

It is hereby notified that, the Syndicate of this University at its meeting held on **09.09.2020** resolved vide **Item No. 2020.789\*** to award the Degree of Doctor of Philosophy (Ph.D.) in **English** in the Faculty of Language and Literature to **Ms. Anu Paul** ,Research Scholar (Registration Order No: CDC/ B3/ 1033/ Ph.D/ 2009 (Other centers) (2) dated 27.07.2010) under the supervision of **Dr. C. J. Davees**, Associate Professor (Retd), Department of English, St. Thomas' College, Thrissur, and Co-Guidance of **Dr. Sanil Raj J.**, Assistant Professor, Department of English, St.Thomas' College, Thrissur, for the thesis entitled "**CONSTANTS OF HISTORY : A READING OF AMERICAN SLAVE NARRATIVES IN THE CONTEXT OF GLOBALIZATION**"

This award is effective from 24.07.2020

**Dr. M. Nasser**  
Director of Research

To  
Dr. Anu Paul  
IV -44/3,Anuanil,Thanikkal  
Kokken House,Avenue Road East  
Eara 106,Thrissur-680005



Copy to :

- 1)The Examiners (With Compliments)
- 2)Dr. C.J. Davees(Supervising Teacher),Dr. Sanil Raj J(Co-Guide)
- 3)The Principal, St.Thomas College,Thrissur
- 4)The Librarian, C.H.M.K. Library,University of Calicut
- 5)The Controller of Examinations, University of Calicut
- 6)The P.S. to Vice-Chancellor, University of Calicut
- 7)The P.A. to Pro-Vice-Chancellor,University of Calicut
- 8)The P.A. to Registrar, University of Calicut
- 9)The P.R.O., University of Calicut
- 10)DoR 'B' Section, University of Calicut
- 11)PI.D 'A' Section
- 12)The Librarian,A.I.U. House,16,Comrade Indrajit Gupta Marg,New Delhi-110002
- 13)The Secretary, U.G.C., Bahadurshah Zafar Marg, New Delhi - 110002
- 14)The Editor, University News, A.I.U. House,16 Kotla Road, New Delhi -110002
- 15)The Director, INFLIBNET Centre, Infocity,Gandhinagar - 382 007,Gujarat

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



**FACULTY OF LANGUAGE AND LITERATURE**  
*The Syndicate of the Mahatma Gandhi University*  
*hereby makes known that*

**Sri. VIJU M.J**  
*has been admitted to the Degree of*  
**DOCTOR OF PHILOSOPHY**  
*in*  
**English**

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

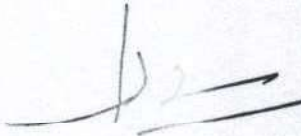
*Title of the Thesis : Application of ICT (Information and Communication Technology) in Communicative Language Learning*

*Given under the seal of the University*

Date of Syndicate Decision:05-03-2016

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India  
Dated : 30-May-2016



  
Vice-Chancellor



2014

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

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2015 ஆம் ஆண்டு மார்ச் திங்கள் 26 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that Syam Sudhakar 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 2014.*

*Given under the seal of the University of Madras, at Chennai this 26<sup>th</sup> day of March 2015.*

*Title of the Thesis: "Beat after the Beat: Re-Contextualising Performance and Subculture" (English)*

ஆய்வுத் தலைப்பு :

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

  
பதிவுரை  
Registrar



  
துணை வேந்தர்  
Vice-Chancellor





Code No. 008C7 :S.No. 68495

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(F) and 12(B) of UGC Act,  
Mumbai; Association of Indian Universities and Association of Commonwealth Universities)

இந்தியமொழிப் புலமும் பிறமொழிப் புலமும்  
FACULTY OF INDIAN AND OTHER LANGUAGES

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு நவம்பர் 2017

ஆம் ஆண்டு ஸ்டிஷின் கு பால் என்பவர்  
ஆங்கிலப் பிரிவில் முனைவர் என்னும்  
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி  
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக  
இலச்சிளையுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes  
known that STISHIN K PAUL has been admitted  
to the Degree of DOCTOR OF PHILOSOPHY, in the subject  
ENGLISH, having been certified by duly  
appointed Examiners to be qualified to receive the same in  
NOVEMBER 2017.

Thesis Title

"THE BOOK OF DANIEL AS AN ARCHETYPE OF DETECTIVE FICTION:  
A STUDY OF THE SELECT WORKS OF ARTHUR CONAN DOYLE"

Given under the seal of the University.



திருச்செங்கை  
Tiruchengalkottai

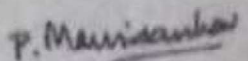
திகதி:  
Date:

21st February 2018

ISSUED ON:

21-02-2018

  
பதிவாளர் Registrar

  
தலைவர் Vice-Chancellor

L 054008





பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

கலையியல் புலம்  
FACULTY OF ARTS



பாரதியார் பல்கலைக் கழகத்தால்

முறையாக

அமைக்கப்பட்ட

தேர்வாளர்

குழு

பிலர்ஜின் ஆண்டனி,

2015 ஆம் ஆண்டு, ஆகஸ்ட் 21 ஆம்

நாளில்

மொழியியல்

என்னும் பிரிவில் ஆய்வியல் அறிஞர்

என்னும்

பட்டம்

பெறத்

தகுதியடைந்திருப்பதாகச்

சான்றளித்ததை

ஏற்று,

அவருக்கு

அந்தப்

பட்டத்தைப்

பல்கலைக்

கழக

இலச்சிணையுடன்,

பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு

வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that FLERGIN ANTONY has been admitted to the Degree of DOCTOR OF PHILOSOPHY in LINGUISTICS, having been certified by duly appointed Examiners to be qualified to receive the same on 21st AUGUST 2015.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

#150222  
நாள்

தேர்வாளர் (பொ)

பதிவாளர்

K. G. Senthilvan

துணைவேந்தர்

Dated: 12th September 2015

Controller of Examinations i/c

Registrar

Vice-Chancellor

B 011342



UNIVERSITY OF CALICUT  
(Directorate of Research)

Grams : UNICAL  
Phone : 0494-2407497  
          : 0494-2407545  
e-mail : dor@uoc.ac.in

Tagore Nikethan  
Calicut University  
P.O. 673 635  
Kerala, In

82507/RESEARCH-C-ASST-1/2019/Admn

07.01.2020

NOTIFICATION  
AWARD OF RESEARCH DEGREE IN CHEMISTRY

It is hereby notified that, the Syndicate of this University at its meeting held on 30.12.2019 resolved vide **Item No. 2019.1401\*** to award the Degree of Doctor of Philosophy (Ph.D.) in **Chemistry** in the Faculty of Science to **Ms. Binsi M. Paulson**, Research Scholar (Registration Order No:4619/2015/Admn dated 06.05.2015) under the supervision of **Dr. Joby Thomas K.**, Associate Professor, Department of Chemistry, St. Thomas College, Thrissur, for the thesis entitled "**PHYSICOCHEMICAL, ELECTROCHEMICAL AND QUANTUM MECHANICAL EVALUATIONS ON ORGANIC AND INORGANIC INHIBITORS FOR METAL DETERIORATION.**"

This award is effective from 13.12.2019.

Dr. M. Nasser  
Director of Research

To

Dr. Binsi M Paulson  
C/o Joy Joseph, Kulangara (H)  
Assarikkad PO, Cherumkuzhy  
Thrissur-680751



Copy to:

- 1). The Examiners (With Compliments)
- 2). Dr. Joby Thomas. K (Supervising Teacher)
- 3). The Principal, St. Thomas College, Trissur
- 4). The Librarian, C.H.M.K. Library, University of Calicut
- 5). The Controller of Examinations, University of Calicut
- 6). The P.S. to Vice-Chancellor, University of Calicut
- 7). The P.A. to Pro-Vice-Chancellor, University of Calicut
- 8). The P.A. to Registrar, University of Calicut
- 9). The P.R.O., University of Calicut
- 10). DoR 'B' Section, University of Calicut
- 11). P.I.D. 'A' Section
- 12). The Librarian, A.I.U. House, 16, Comrade Indrajit Gupta Marg, New Delhi -110002
- 13). The Secretary, U.G.C., Bahadurshah Zafar Marg, New Delhi - 110002
- 14). The Editor, University News, A.I.U. House, 16 Kotla Road, New Delhi -110002
- 15). The Director, INFLIBNET Centre, Infocity, Gandhinagar - 382 007, Gujarat.

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY

AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

श्री राजीव. सी. इति—नामा

२०१८ तमे ईसवीयवर्षे जूलाँजी

इति विषये जूलाँजीविभागे विश्वविद्यालयस्यास्य

डाक्टर ऑफ फ़िलासाफी इत्युपाधिं प्राप्नोदिति प्रमाणयति ।

प्रमाणित किया जाता है कि श्री राजीव. सी

को सन् २०१८ की जूलाँजी

विषय में जूलाँजी विभाग से

इस विश्वविद्यालय की डाक्टर ऑफ फ़िलासाफी उपाधि प्रदान की गई ।

*This is to certify that Shri Rajeev. C*

*has been admitted to the degree of Doctor of Philosophy in the subject*

*Zoology from the Department*

*of Zoology of this University of the 2018.*

*Title of the Thesis - Behavioural Ecology of Five-Striped Squirrel, Funambulus pennantii*

ಕರ್ನಾಟಕ



ವಿಶ್ವವಿದ್ಯಾಲಯ,

ಧಾರವಾಡ.

**KARNATAK UNIVERSITY, DHARWAD.**

*"University with Potential for Excellence"*

NAAC Accredited with 'A' Grade - 2014

No.KU/Aca/Ph.D/SMT/516/2021-22/47

Date: 13.08.2021

**ಪ್ರಕಟಣೆ**

**ವಿ.ಎಚ್.ಡಿ ಪದವಿ ಪರಿಣಾಮ ಪ್ರಕಟಣೆ**

ಮಾನ್ಯ ಕುಲಪತಿಗಳು ಈ ಕೆಳಗೆ ತಿಳಿಸಿದ ಸಂಶೋಧನಾ ಅಭ್ಯರ್ಥಿ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಾದರಪಡಿಸಿದ ಮಹಾಪ್ರಬಂಧವನ್ನು ಪರೀಕ್ಷಕರು, ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ ಸಲ್ಲಿಸಿದ ವರದಿಗಳನ್ನು ಅನುಲಕ್ಷಿಸಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯರ್ಥಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ನಿಖಾಯದಲ್ಲಿ ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಯನ್ನು ಪುದಾನ ಮಾಡಲು ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ಪರವಾಗಿ ಒಪ್ಪಿಗೆ ನೀಡಿದ್ದಾರೆ. ಆ ಪ್ರಕಾರ ಸದರಿ ಅಭ್ಯರ್ಥಿಯು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿ ಪಡೆಯಲು ಅರ್ಹರಿರುವರೆಂದು ಈ ಮೂಲಕ ಘೋಷಿಸಲಾಗಿದೆ.

೧) ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು	-	ಶ್ರೀ ಸಂದೀಪ ಪಿ.ಎನ್.
೨) ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	-	516/16.12.2013
೩) ಸ್ನಾತಕೋತ್ತರ ಪದವಿಯ ವಿಷಯ	-	ಅಪರಾಧಶಾಸ್ತ್ರ ಮತ್ತು ನ್ಯಾಯವಿಜ್ಞಾನ
೪) ಸಂಶೋಧನೆಯ ವಿಷಯ	-	ಅಪರಾಧಶಾಸ್ತ್ರ ಮತ್ತು ನ್ಯಾಯವಿಜ್ಞಾನ
೫) ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ	-	"ಅನಾಲಿಸಿಸ್ ಆಫ್ ಸ್ಟಾಂಡರ್ಡ್ ಹ್ಯಾಂಡ್ ರೈಟಿಂಗ್ : ವಿಥ್ ರೆಫರೆನ್ಸ್ ಟು ದಿ ಕೇರಳ ಸ್ಟೇಟ್"
೬) ನಿಖಾಯ	-	ಸಮಾಜ ವಿಜ್ಞಾನ
೭) ಮಾರ್ಗದರ್ಶಕರ ಹೆಸರು	-	ಡಾ. ಜಿ.ಎಸ್.ವೇಣುಮಾಧವ ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು, ಅಪರಾಧಶಾಸ್ತ್ರ ಮತ್ತು ನ್ಯಾಯವಿಜ್ಞಾನ ವಿಭಾಗ, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ.

**NOTIFICATION**

**DECLARATION OF RESULT OF DOCTOR OF PHILOSOPHY**

The Vice-Chancellor of this University on behalf of the Syndicate has accepted the reports of the examiners for the award of the Degree of Doctor of Philosophy to the candidate in the subject & faculty as shown below. He/She is accordingly declared qualified to receive the degree of Doctor of Philosophy.

1) Name of the Candidate	-	Sri. Sandheep P.N.
2) Registration No. & Date	-	516/16.12.2013
3) P.G. Course Subject	-	Criminology and Forensic Science
4) Subject for Research	-	Criminology and Forensic Science
5) Title of the Thesis	-	"Analysis of Standard Hand Writing: With Reference to the Kerala State"
6) Faculty	-	Social Science
7) Name of the Guide	-	Dr. G. S.Venumadhava Associate Professor, Dept. of Criminology and Forensic Science, Karnatak University, Dharwad.

**REGISTRAR**

**Karnatak University, Dharwad.**



**FACULTY OF HUMANITIES**

*The Academic Council of the Cochin University of Science and Technology hereby makes known that Rani Jasmine Thomas. N. is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the Faculty of Humanities, 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 17<sup>th</sup> May 2003.*

*University Buildings,*

*Cochin - 682 022*



*N. Udiniparamba*  
*Vice-Chancellor*

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF LANGUAGE AND LITERATURE

*The Syndicate of the Mahatma Gandhi University*

*hereby makes known that*

**Smt. SHEMI JOHN**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*  
**Hindi**

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

*Title of the Thesis :* **DAMPATYA KE BADALTE SWARUP: SAMAKALEEN HINDI  
KAHANIYOM MEIN**

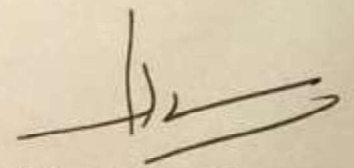
*Given under the seal of the University*

Date of Syndicate Decision:16-06-2016

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 09-September-2016



  
Vice-Chancellor



## FACULTY OF HUMANITIES

*The Syndicate of Kannur University hereby makes known that*

**GEORGE ALEX**

*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 : History*

*Title of the Thesis : "The Socio-Economic Milieu of Anti Colonial Struggles in Malabar (1792-1856)"*

*Given under the seal of the University.*


*Date of Award : 27/06/2016*

  
Dr. Martin K. A.  
Assistant Professor  
In-charge of Principal  
St. Thomas College (Autonomous)  
Thrissur - 680 001



Kannur University  
09 November 2017

Date .....

  
Dr. Ignatius Antony  
Principal  
St. Thomas' College  
(Autonomous)  
Thrissur - 680 001

  
VICE-CHANCELLOR

No 0103511



കലിക്യൂട്ട് യൂണിവേഴ്സിറ്റി യുടെ അംഗീകാരം



# UNIVERSITY OF CALICUT

## FACULTY OF LANGUAGE AND LITERATURE

The Senate of the University of Calicut hereby makes it known that

**John. E.D.**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*English*

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

Vice Chancellor



CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 873 822

Date: 02/07/2013

Nº 0410012



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்  
Manonmaniam Sundaranar University



கலையியற் புலம்

FACULTY OF ARTS



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

ஆன்றனி ஏ வி

மலையாளம் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு பிப்ரவரி 2018 ஆம்  
ஆண்டில் இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**

hereby makes known that **ANTONY E V**

has been admitted to the **Degree of Doctor of Philosophy in**

**MALAYALAM**

he/she having been certified by duly appointed Examiners to

be qualified to receive the same in the year **FEBRUARY 2018**

Given under the seal of the University.



சுந்தரனார் பல்கலைக்கழகம்

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

நாள் / Dated 31.07.2018

(Dr.A.Suruliandi)

தேர்வுகண்காணிப்பு  
Controller of Examinations

(Dr.S.Santhosh Baboo)

பதிவாளர்  
Registrar

(Dr.K.Baskar)

துணைவேந்தர்  
Vice-Chancellor

# Mahatma Gandhi University



FACULTY of *Language & Literature*  
The Syndicate of the Mahatma Gandhi University  
hereby makes known that

*Mejoy Jose*

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in *Malayalam*

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

Title of the Thesis: *കുഞ്ഞിരാമൻനാഥർ കവിയൻ  
ഒരു പാരിസ്ഥിതിക സമീപനം*

Given under the seal of the University

Date of Syndicate Decision: *23.05.2012*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *13 August 2012*



*[Signature]*  
Vice Chancellor



## FACULTY OF LANGUAGE AND LITERATURE

The Senate of the University of Calicut hereby makes it known that

**Sheeba.C.V.**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Malayalam*

she having been certified by duly appointed Examiners

to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

**Vice - Chancellor**

CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635

Date ..21/01/2021.....



No. 0908964

No.



## FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

**Saju. M.I.**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Mathematics*

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY P.O.  
Kerala, INDIA

PIN - 673 835  
18/04/2018

Date \_\_\_\_\_

  
Vice - Chancellor





0023069

# Cochin University of Science and Technology



## FACULTY OF SCIENCE

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

## DOCTOR OF PHILOSOPHY

under the Faculty of Science, *COCHIN UNIVERSITY OF SCIENCE AND 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..... **19th February, 2016** .....

Sl. No.: 0023069  
University Buildings  
Kochi - 682 022  
Issued on 14/03/2016



*[Signature]*  
Vice-Chancellor.

क्रम संख्या  
Serial

} N<sup>o</sup> 0002453

पंजीकरण संख्या

Enrolment No.

} .07..SP..11..

# हिमाचल प्रदेश विश्वविद्यालय



## विद्या-वाचस्पति-2009

प्रमाणित किया जाता है कि "SOME..STEADY..AND..UNSTEADY.....  
.....HYDRODYNAMIC..AND..MAGNETOHDRODYNAMIC  
.....FLOW..PROBLEMS."

पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त अल्फोंसा मैथ्यू  
सुपुत्र/सुपुत्री श्री मैथ्यू के एम. को इस विश्वविद्यालय की  
विद्या-वाचस्पति की उपाधि पदार्थ विज्ञान संकाय में प्रदान की गई।

## Himachal Pradesh University

### Doctor of Philosophy-2009

Certified that.....Alphonsa..Mathew....., son/daughter of  
Shri.....Mathew..K..M.....after approval of his/her thesis on  
....."SOME..STEADY..AND..UNSTEADY..HYDRODYNAMIC..AND.....  
.....MAGNETOHDRODYNAMIC..FLOW..PROBLEMS."

has been admitted to the degree of Doctor of Philosophy in the  
Faculty of.....Physical..Sciences.....in this University.

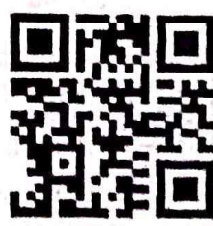
  
कुलपति  
Vice-Chancellor

  
कुलाधिपति  
Chancellor

शिमला } 26<sup>th</sup> November, 2009  
Shimla }



பாரதியார் பல்கலைக் கழகம்  
Bharathiar University  
அறிவியல் புலம்  
FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு, ஜூலி ஆண்ட்ரூஸ், 2012 ஆம் ஆண்டு, அக்டோபர் 3 ஆம் நாளில் பயன்பாட்டு கணிதவியல் என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத். தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினையுடன், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

*The Syndicate of the Bharathiar University hereby makes known that JULIE ANDREWS has been admitted to the Degree of DOCTOR OF PHILOSOPHY in APPLIED MATHEMATICS, having been certified by duly appointed Examiners to be qualified to receive the same on 3rd OCTOBER 2012.*

*Given under the Seal of the Uni*



*K. G. Senthil*

*Prasanna*

*[Signature]*

கேயம்புத்தூர்  
Coimbatore

தேர்வாளையர்

பதிவாளர்

துணைவேந்தர்

Dated: **June 2012**

Controller of Examinations

Registrar

Vice-Chancellor

A000254





அழகப்பா பல்கலைக்கழகம்

ALAGAPPA UNIVERSITY

(Accredited with "A" Grade by NAAC)

கல்வியியற்புலம்

FACULTY OF EDUCATION

அழகப்பா பல்கலைக்கழக ஆட்சிக்குழு

செபி ஜோஸ்

என்பவருக்கு

உடற்கல்வியியலில் முனைவர்

என்ற பட்டத்தை

அதற்குரிய தேவைகளை நிறைவு செய்தமையால்

செப்டம்பர் 2008

இல் அளிக்கிறது.

பல்கலைக்கழக முத்திரை பெறுகிறது.

The Syndicate of the Alagappa University

hereby confers the degree of

DOCTOR OF PHILOSOPHY IN PHYSICAL EDUCATION

on

SEBI JOSE

in

SEPTEMBER 2008

for having

fulfilled the requirements for the degree.

Given under the seal of the University



Karalkudi

Date : 25 FEB 2009

பதிவுரை  
Registrar

துணைவேந்தர்  
Vice - Chancellor



கல்விப்புலம்  
FACULTY OF EDUCATION

ஜூன், 2007

இல்

உடற்பயிற்சிக் கல்வியியல்

பிரிவில்

நடத்திய தேர்வுகளில் டாய் செ தா தேர்ச்சியடைந்து ஆய்வேட்டை  
மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர்  
பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக  
ஆளவை இதன்வழி அறிவிக்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes  
known that TOY CT has been admitted  
to the Degree of DOCTOR OF PHILOSOPHY in PHYSICAL EDUCATION,  
he/she having been certified by duly appointed Board of Examiners who valued his/her  
thesis to be qualified to receive the same in JUNE, 2007.

TITLE OF THE THESIS

Effect of Brisk Walking Program on CHD Risk Factors among  
Middle Aged Overweight Men

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



அண்ணாமலைநகர்  
Annamalainagar

நாள்:  
Dated: 05/02/2008

Dr. M. Ramanathan

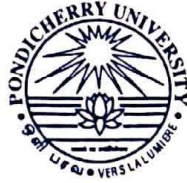
துணை வேந்தர்  
Vice-Chancellor

Serial No. : C25/16/43284

Register No. : PHD 1153

0032

Pondicherry University



The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

**SREEJITH RAJ**

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in Physical Education and Sports for the thesis entitled "Effect of Glute Strengthening with form Rollers and Resistance Training on Selected Physical, Physiological and Skill related Variables among Football Players" in September 2016.

Given under the Seal of the University



  
Registrar

Puducherry  
Date 29 JUL 2017

  
Vice-Chancellor

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. ANTO JOHNY T**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*  
**Physics**

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

*Title of the Thesis : Lithium and Manganese doped ZnO thin films for  
Optical and Electrical Applications*

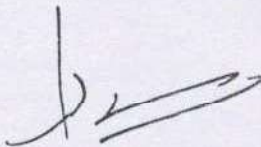
*Given under the seal of the University*

Date of Syndicate Decision:18-12-2015

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 27-April-2016



  
*Vice-Chancellor*



## FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

**Joe Kizhakooden**

has been admitted to the Degree of

*Doctor of Philosophy*

in

*Physics*

he having been certified by duly appointed Examiners

to be qualified to receive the same

TITLE OF THE THESIS:

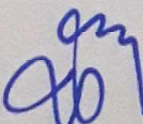
*Metamaterial inspired microwave horn and patch  
Antennas for modified structural and radiation  
characteristics*

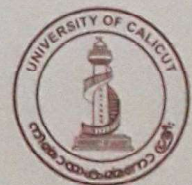
with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635

Date 15/07/2021

  
Vice - Chancellor



No. 0931878



**FACULTY OF SCIENCE**

The Senate of the University of Calicut hereby makes it known that

**Nees Paul**

has been admitted to the Degree of

*Doctor of Philosophy*

in

*Physics*

she having been certified by duly appointed Examiners

to be qualified to receive the same

TITLE OF THE THESIS:

*Development of humidity sensitive polyaniline-polytetrafluoroethylene conducting polymer based split ring resonator metamaterial structure.*

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

**Vice - Chancellor**



# L.N. MITHILA UNIVERSITY, DARBHANGA



This is to Certify that... *Saishan P.J.*.....

who has awarded for the degree of Doctor of *Philosophy*..... In *Physics*.....

Faculty, held in the month of *August*..... Of the year *2012*..... and was

submitted the thesis entitled the topic of *Synthesis and characterization of*.....

*relaxor ferroelectric materials*.....

was this day award to their research work.

DARBHANGA

तिथि..... / Date *20.12.2012*..

*[Signature]*  
कुलपति  
Vice-Chancellor  
Vice Chancellor



# Cochin University of Science and Technology



## FACULTY OF SCIENCE

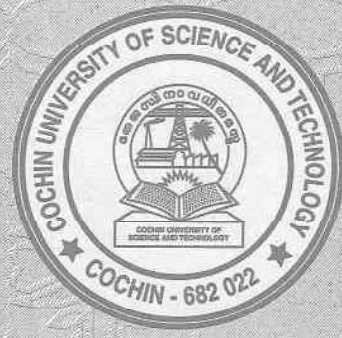
The Academic Council of the Cochin University of Science and Technology hereby makes known that..... **VIMALKUMAR T. V.**

is admitted to the Degree of

## DOCTOR OF PHILOSOPHY

under the Faculty of Science, 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..... 16<sup>th</sup> March, 2012



University Buildings  
Kochi - 682 022  
Issued on June 08, 2012

*R. Chandru*  
Vice-Chancellor.





# भारतीय प्रौद्योगिकी संस्थान मुंबई

जॉन्स नडुवत

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिपद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि  
अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर  
तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत  
मुंबई, भारतीय गणराज्य में आज 8 अगस्त, 2015 को दी गई है ।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

on

### Johns Naduvath

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

“Synthesis and Modification of Anodized Titania Nanotubes and Their Application  
in Dye Sensitized Solar Cells.”

Given this day, under the seal of the Institute at Mumbai in the  
Republic of India, the 8th day of August 2015.



*M. M. S.*

जुनरणीय  
Registrar

*Chairman*

अध्याय, अधिपति एव अध्याय, मन्त्री मंडल  
Chairman, Senate and Chairman, Board of Governors

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Smt. ANN MARY K.A.**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY  
in  
Physics**

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

*Title of the Thesis : **Synthesis and Nonlinear Optical Characterization of  
Certain Chalcogen Based Nanostructures***

*Given under the seal of the University*

Date of Syndicate Decision:07-05-2015

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 07-july-2015



Vice-Chancellor



# होमी भाभा राष्ट्रीय संस्थान Homi Bhabha National Institute



होमी भाभा राष्ट्रीय संस्थान  
एतद् द्वारा

डॉक्टर ऑफ फिलोसॉफी

की उपाधि

**जिलमी पी जोय**

(नामांकन संख्या : PHY/S10201/205012)

(गणितीय विज्ञान संस्थान)

को

**भौतिक शास्त्र**

में विधिवत् रूप से इसके योग्य पाने पर प्रदान करता है।

यह उपाधि उनके शोध-कार्य, जो निम्न शोध-प्रबंध

में परिणित हुआ, को मान्य पाने हेतु है।

Thesis Title: Shock Propagation in Dilute Inelastic and Elastic Media

Homi Bhabha National Institute  
hereby confers the degree of

**Doctor of Philosophy**

ON

**Jilmy P Joy**

(Enrollment No. : PHY/S10201/205012)

(The Institute of Mathematical Sciences)

in

**Physics**

the student having been found duly qualified for the same.

This is in recognition of the research work leading to

following thesis.

अध्यक्ष, विद्या परिषद् Chairman, Academic Council

Homi Bhabha National Institute is a Deemed to be University established under Section 3 of the UGC Act, 1956.  
Regd. Office: 2<sup>nd</sup> floor, Training School Complex, Anushaktinagar, Mumbai: 400 094



अध्यक्ष, प्रबंधन परिषद् Chairman, Council of Management

Result approved on : November 10, 2020





# Mahatma Gandhi University

(Established by Kerala State Legislature by the Gandhi University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1985 by Act II of 1988)  
University Buildings, Priyadarshini Hills P.O., Kottayam-686 560, Kerala, India

## FACULTY OF SOCIAL SCIENCES

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Smt. BLESSY PAUL C**  
*has been admitted to the Degree of*  
**DOCTOR OF PHILOSOPHY**

*in*

## INTERNATIONAL RELATIONS AND POLITICS

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

*Title of the Thesis : India's Energy Security: The Gulf Factor*

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 21-04-2021

Dated : 12-July-2021



*Vice-Chancellor*

# University of Calicut

FACULTY OF Science

The Senate of the University of Calicut hereby makes known that

P. O. Jensen

has been admitted to the Degree of

Doctor of Philosophy

in Statistics he/she having been certified by duly  
appointed examiners to be qualified to receive the same  
with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY

673 635

Date 25-9-2003

*[Signature]*  
VICE-CHANCELLOR



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

*The Senate of the University of Calicut hereby makes it known that*

*J. D. Xavier*

*has been admitted to  
the Degree of*

*Doctor of Philosophy*

*in*

*Statistics*

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635

Date... 28/04/2009

*A. J. J. J.*

VICE CHANCELLOR



Dr. Joy K. L.

Principal

St. Thomas' College

(Autonomous)

Thrissur - 680 001





കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

**Chacko. V.M.**

has been admitted to

the Degree of

**Doctor of Philosophy**

in

**Statistics**

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY PO  
Kerala INDIA  
PIN-673 635

VICE CHANCELLOR



Date 17/01/2011

Nº 272532



..... அறிவியல் ..... புலம்  
**FACULTY OF SCIENCE** .....

2011 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு சஜேஷ் டி ஏ என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2013 ஆம் ஆண்டு ஆகஸ்ட் திங்கள் 17 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
Sajesh T A *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 2011 .*

*Given under the seal of the University of Madras, at Chennai this*  
17<sup>th</sup> *day of* August 2013 *.*

*Title of the Thesis : "Detection of Multiple Outliers in Multidimensional Data"*  
(Statistics)  
ஆய்வுத் தலைப்பு :

*Rased*

பதிவாளர்  
Registrar



*[Signature]*  
துணை வேந்தர்  
Vice-Chancellor



# Mahatma Gandhi University



FACULTY of *Science*.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

*Rani Sebastian*.....

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in *Statistics*.....

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

Title of the Thesis: *AUTO REGRESSIVE MINIFICATION  
PROCESSES AND THEIR APPLICATIONS*.....

Given under the seal of the University

Date of Syndicate Decision: *29.01.2013*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *16 April 2013*



Vice Chancellor

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Smt. JEENA JOSEPH**  
*has been admitted to the Degree of*  
**DOCTOR OF PHILOSOPHY**  
*in*  
**STATISTICS**

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

*Title of the Thesis :* **Gumbel-X family of distributions and their Applications**

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D. : 04-06-2019

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India  
Dated : 20-December-2019



*Vice-Chancellor*

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

सुश्री नैसी सेबास्टन इति—नाम्नी  
२०१२ तमे ईसवीयवर्षे स्टेटिस्टिक्स इति विषये  
स्टेटिस्टिक्सविभागे विश्वविद्यालयस्यास्य  
डाक्टर ऑफ फ़िलासाफी इत्युपाधिं प्राप्नोदिति प्रमाणयति।

प्रमाणित किया जाता है कि सुश्री नैसी सेबास्टन  
को सन् २०१२ की स्टेटिस्टिक्स विषय में  
स्टेटिस्टिक्स विभाग से  
इस विश्वविद्यालय की डाक्टर ऑफ फ़िलासाफी उपाधि प्रदान की गई।

*This is to certify that Ms. Nicy Sebastian*

*has been admitted to the degree of Doctor of Philosophy in the subject*

*Statistics from the Department of Statistics*

*of this University of the year 2012.*

*Title of the Thesis - STATISTICAL DISTRIBUTIONS AND TIME SERIES  
MODELS CONNECTED TO BESSEL AND MITTAG-  
LEFFLER FUNCTIONS VIA FRACTIONAL CALCULUS*

स्थान : वाराणसी  
Place : Varanasi

दिनांक Dated : MARCH 23, 2014

*L. Singh*  
कुलपति:  
Vice-Chancellor



## FACULTY OF SCIENCE

*The Senate of the University of Kerala hereby makes known that **Anusree M.R.** 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 **Statistics***

*Title of the Thesis **On Skew Normal Distribution***

*Date of Syndicate Decision: **01/03/2016***

*Given under the seal of the University*

*University Buildings*

*Thiruvananthapuram **August 30, 2017***



A handwritten signature in black ink is located in the lower right corner, written over a horizontal line.

*Vice Chancellor*



# PONTIFICIA UNIVERSITÀ DELLA SANTA CROCE

Matricola 2243

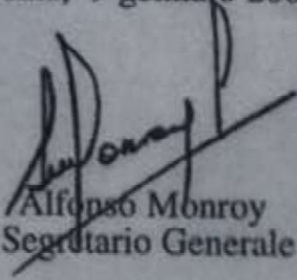
Prot. 1477/2005

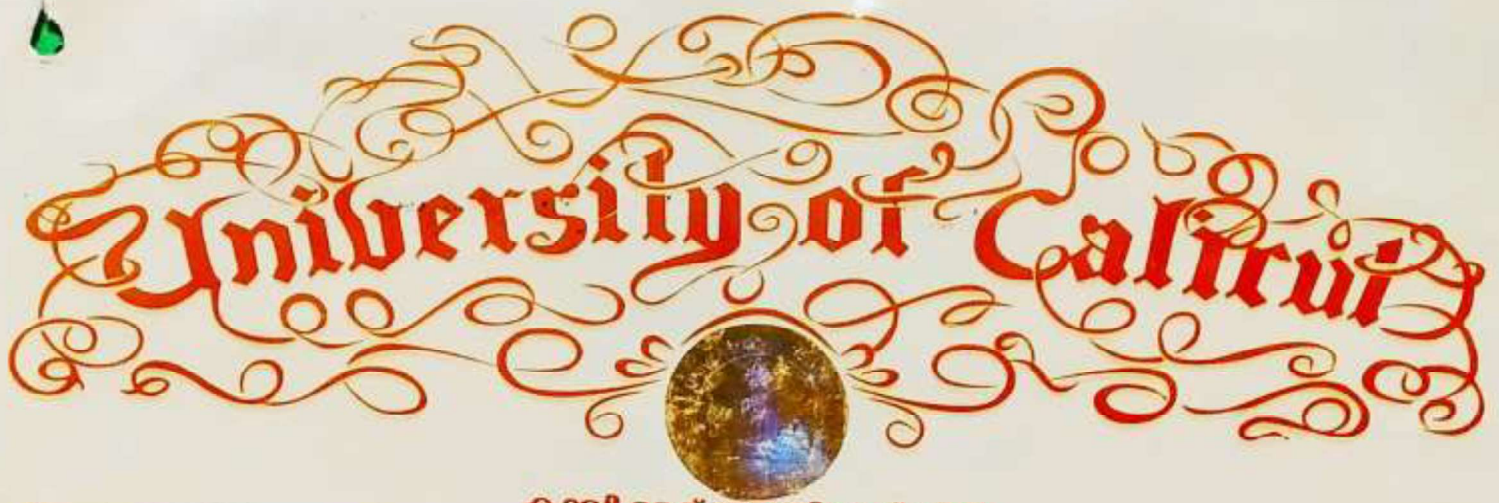
## CERTIFICAZIONE

Si certifica che Biju Alappatt Joseph, di nazionalità indiana, nato il 28.5.1972 a Peringavu (India) in data 15.12.2005 ha difeso la tesi di dottorato in Comunicazione Sociale Istituzionale dal titolo *Representation in Docudramas of Public Service Broadcasting*, conseguendo la votazione **Summa cum laude (9,7)**.

Roma, 9 gennaio 2006



  
Alfonso Monroy  
Segretario Generale



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

*The Senate of the University of Calicut hereby makes it known that*

*Francy. K. Rakkassery*

*has been admitted to*

*the Degree of*

*Doctor of Philosophy*

*in*

*Zoology*

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635

Date..... 20/01/2005

*Rual*  
VICE CHANCELLOR



Nº 000761



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

The Senate of the University of Calicut hereby makes it known that

**Britto Joseph. K.**

has been admitted to  
the Degree of

**Doctor of Philosophy**

in

**Zoology**

he having been certified by duly appointed Examiners  
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635

Date.....18/04/2008

VICE CHANCELLOR



Nº 124096

1055

नामांकनांक 00-5025  
(Enrolment No.)



### डॉक्टर ऑफ फिलासॉफी

प्रमाणित किया जाता है कि सी. वी. डेविड  
 को इस विश्वविद्यालय के जीव विज्ञान संकाय के अन्तर्गत  
बायो-साइन्स विषय में डॉक्टर ऑफ फिलासॉफी  
 की उपाधि से वर्ष १९९४ में विभूषित किया गया ।

इनके शोध प्रबन्ध का विषय है :-

Barkatullah University, Bhopal

### DOCTOR OF PHILOSOPHY

This is to certify that E. V. David  
 has been admitted to the degree of DOCTOR OF PHILOSOPHY  
 in Bio-Science in the faculty of  
Life Science of this University in the year 1994 .

The title of his /her thesis is :-

"Effect of some toxic heavy metals on neuro-endocrine  
 and endocrine physiology of mouse mus musculus."

J. P. Aggarwal  
 कुलसचिव  
 (Registrar)

भोपाल, दिनांक :  
 Bhopal, Dated :

B. Chandra  
 कुलपति  
 (Vice-Chancellor)



# University of Calicut

FACULTY OF Science

The Senate of the University of Calicut hereby makes known that

C. F. Binoy

has been admitted to the Degree of

**Doctor of Philosophy**

in Zoology he/she having been certified by duly  
appointed examiners to be qualified to receive the same  
with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY

673 035

Date 05-3-2004

*R. M. A.*  
VICE-CHANCELLOR

# Mahatma Gandhi University



FACULTY of *Science*.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

*Vimala K. John*.....

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in *Zoology*.....

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

Title of the Thesis: *Studies on the Toxicological  
effect of Endosulpham on Laboratory  
Albino Mice.*

Given under the seal of the University

Date of Syndicate Decision: *7.3.2008*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *25 April 2008*



*[Signature]*  
Vice Chancellor

नामांकन सं.  
Enrolment No. 0503/Ph.D./1653



क्रमांक  
Sl. No. 537

# वन अनुसंधान संस्थान

(सम विश्वविद्यालय)

देहरादून

श्री/सुश्री ..... *जॉयसी जोस* .....

को प्रबन्ध परिषद् की संस्तुति पर वानिकी में डॉक्टर ऑफ फिलासफी की उपाधि *फॉरेस्ट इकोलॉजी एंड इनवायनमेंट* में उनके शोध प्रबन्ध, *एनीमल डायवर्सिटी ऑफ मीरिस्टिका स्वैम्प इन सदर्न केरला विद इम्पैसि. ऑन हेरपेटोफौना* पर दिनांक 14-12-2010 को प्रदान की जाती है।

## Forest Research Institute

(Deemed to be University)

Dehradun

On the recommendation of Board of Management ~~Mr./Ms.~~

..... *Joyce Jose* ..... is awarded the degree

of Doctor of Philosophy in Forestry *Forest Ecology &*

*Environment* ..... on 14-12-2010 on his/her thesis entitled

*Animal diversity of Myristica swamp*

*in Southern Kerala -- on herpetofauna*

देहरादून

Dehradun

Date 04-11-2011

*[Signature]*

निदेशक  
Director

