

Date of Syndicate Decision... 16.11.53

Register No. 1314

41033



പഠനം പൂർത്തിയാക്കി

FACULTY OF ARTS

The Senate of the University of Kerala hereby makes known that

..... Raju George..... has been admitted to the Degree of Doctor of Philosophy, to ~~be~~ having been certified by duly appointed examiners to be qualified to receive the same.

Subject ..... English .....  
Title of the Thesis " Mythical Elements in Raja Rao's Novels "

Given under the seal of the University.



University Buildings,  
Thiruvananthapuram, 29.1.54

M. S. S. Pillai  
Vice-Chancellor



## FACULTY OF SCIENCE

*The Syndicate of Kannur University hereby makes known that*

**BINDHU K THOMAS**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : Mathematics*

*Title of the Thesis : Advanced studies on Labeling of Graphs and Hypergraphs and  
Related Topics*

*Given under the seal of the University.*

*Date of Award : 19 May 2010*



Kannur University

Date 31 July 2010

A handwritten signature in black ink, appearing to be 'M. M. M.', is written over the printed name of the Vice-Chancellor.

VICE-CHANCELLOR

Nº 024260



# KANNUR UNIVERSITY

## FACULTY OF SCIENCE

*The Syndicate of Kannur University hereby makes known that*

**GEETHA ANTONY PULLEN**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : Statistics*

*Title of the Thesis : Bayesian Methods in Genetics - A Graph Theoretic Approach*

*Given under the seal of the University*

*Date of Award : 22 August 2012*



# மனமணிமயம் சுந்தரனார் பல்கலைக்கழகம் Manonmaniam Sundaranar University

அறிவியல் படிப்புகள்  
FACULTY OF SCIENCE

பெரியசாலை அறையம் கல்வியறிவுப் பட்டக்கல்வியறிவு அறிவுக்கல்வியறிவு

வெஜீயீனா, க. அ.

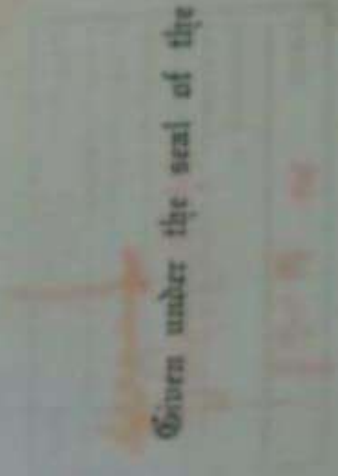
அறிவுக் கல்வியறிவுப் பட்டக்கல்வியறிவு அறிவுக்கல்வியறிவு  
கல்வியறிவு அறிவுக்கல்வியறிவு 1996

கல்வியறிவு அறிவுக்கல்வியறிவு அறிவுக்கல்வியறிவு  
கல்வியறிவு அறிவுக்கல்வியறிவு

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY

herely makes known that Sermina, K.A.

has been admitted to 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 1996



Given under the seal of the University.

At the Place Tirunelveli  
and Dated 19 MAR 1997

*[Signature]*

Registrar

*[Signature]*

Vice-Chancellor

# UNIVERSITY OF MYSORE

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



*We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and  
Members of the Syndicate of the University of Mysore  
do hereby certify that*

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಮಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು  
ಹಾಗೂ ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

**JOSEPH K J**

*has been awarded the Degree of*  
ಅವರು ನಿಗದಿತ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿರುವುದರಿಂದ

**DOCTOR OF PHILOSOPHY**

in

**( LINGUISTICS )**



**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

*on being duly certified to have passed the prescribed examination*  
ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರದಾನ ಮಾಡಲಾಗಿದೆಯೆಂದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇವೆ

*Given under the seal of the University*  
ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ



Date of Convocation

ಘಟಿಕೋತ್ಸವದ ದಿನಾಂಕ

22-01-2004

Mysore / ಮೈಸೂರು

Sl.No. / ಕ್ರಮ ಸಂಖ್ಯೆ

R. No. 342

Vice-Chancellor

ಕುಲಪತಿ



കാലിക്കൂട്ട് യൂണിവേഴ്സിറ്റി

FACULTY OF LANGUAGE AND LITERATURE

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

*Rakesh Kalia*

*has been admitted to*

*the Degree of*

*Doctor of Philosophy*

*in*

*Hindi*

*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

Date ..... 28/04/2010 .....

*A. Z. K. S.*

VICE CHANCELLOR



**Nº 234614**

No.:  $\frac{A}{14}$  00171

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**LINET ROSE J**

*the degree of*

*Doctor of Philosophy*

*in the year 2015*

*Based on the thesis entitled:*

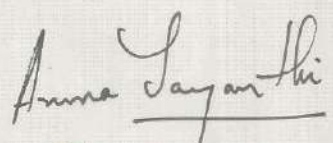
**"STIMULI-RESPONSIVE FLUIDS FROM  
SURFACTANT SELF-ASSEMBLY"**

*Given at the National Institute of Technology Calicut*

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

  
Registrar

  
Director

  
Chairperson  
Board of Governors



## FACULTY OF SPORTS SCIENCES & PHYSICAL EDUCATION

*The Syndicate of Kannur University hereby makes known that*

**MARIA MARTIN JOSEPH**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : Physical Education*

*Title of the Thesis : Effect of Aerobic Exercises on Glycemic Control and Health -  
Related Physical Fitness among Type 2 Diabetic Patients*

*Given under the seal of the University.*

*Date of Award : 17 February 2009*



Kannur University

Date 20 April 2010

Nº 011147

A handwritten signature in black ink, appearing to be 'Dr. M. J.', is written over the printed name of the Vice-Chancellor.

VICE-CHANCELLOR



# Mahatma Gandhi University



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

..... *Mercy Ignatius* .....

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:..... *Taxonomic Studies on  
the Torymidae (Hymenoptera,  
Chalcidoidea) of Kerala and  
adjacent areas* .....

Given under the seal of the University

Date of Syndicate Decision:..... *04.06.2013* .....

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date:..... *9 September 2013* .....



  
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.....Pamy Sebastian.....  
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....9th January, 2015.....

Sl. No.: 0023036

University Buildings

Kochi - 682 022

Issued on .....07/02/2015.....



*Zhalk*  
Vice-Chancellor.

# Cochin University of Science and Technology



0023036



## FACULTY OF SCIENCE

*The Academic Council of the Cochin University of Science and Technology hereby makes known that.....Pamy Sebastian..... 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....9th January, 2015.....*

*Sl. No.: 0023036*

*University Buildings*

*Kochi - 682 022*

*Issued on ..07/02/2015.....*



*[Signature]*

*Vice-Chancellor*

3

# University of Calicut

FACULTY OF Science

The Senate of the University of Calicut hereby makes known that

Prasadan. P.K.

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  
673 835

Date 2.4.1993

VICE-CHANCELLOR

# KANNUR UNIVERSITY

FACULTY OF Science

The Syndicate of the KANNUR UNIVERSITY hereby makes known that

Rajeev Thomas has been

admitted to the Degree of

## DOCTOR OF PHILOSOPHY

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

Subject Chemistry

Title of the Thesis : Studies on some Inorganic Ion Exchangers

Given under the seal of the University

Date of Syndicate Decision : 10.08.2007



*[Signature]*  
VICE-CHANCELLOR



## FACULTY OF COMMERCE & MANAGEMENT STUDIES

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

**Ramya Krishnan. M.**

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



CALICUT UNIVERSITY P.O.  
Kerala, INDIA  
PIN - 673 635  
Date 27/02/2017

  
Vice - Chancellor



No. 0645173

# Mahatma Gandhi University



FACULTY of... Science.....

The Syndicate of the Mahatma Gandhi University  
hereby makes known that

.....  
Saban.. M.V.....

has been admitted to the Degree of

## DOCTOR OF PHILOSOPHY

in.....  
Physics.....

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

Title of the Thesis:.....  
Nucleation.. kinetics in Crystallization  
under..... Electric and Magnetic fields.....

Given under the seal of the University

Date of Syndicate Decision:.....  
21.10.2003



MARY MATHA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA  
Date:.....  
15.6.2004



.....  
M.V.....

Principal  
Mary Matha Arts & Science College  
Vemom (P.O), Mananthavady  
Kottayam - Kerala



## FACULTY OF LANGUAGE AND LITERATURE

*The Syndicate of Kannur University hereby makes known that*

**SAVIO JAMES V**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : English*

*Title of the Thesis : Communication in Second Language Teaching and Learning :  
Re-defining the Process and Strategies*

*Given under the seal of the University.*

*Date of Award : 30 November 2012*



Kannur University

22 May 2013

Date .....

VICE-CHANCELLOR

No 0052033





കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

**FACULTY OF JOURNALISM**

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

***Shaju. P.P.***

*has been admitted to  
the Degree of*

***Doctor of Philosophy***

*in*

***Journalism***

*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

Date ....31/01/2012

VICE CHANCELLOR



**Nº 325779**



**FACULTY OF TECHNOLOGY**

*The Syndicate of Kannur University hereby makes known that*

**THOMAS MONOTH**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : Computer Science*

*Title of the Thesis : Analysis and Design of Tamperproof and Contrast Enhanced Secret Sharing Based on Visual Cryptography Schemes*

*Given under the seal of the University.*

*Date of Award : 06 July 2012*



Kannur University  
30 January 2013

Date .....

A handwritten signature in black ink, appearing to read 'Ajayant', written over a horizontal line.

VICE-CHANCELLOR

**Nº 0052005**

# University of Calicut

FACULTY OF Science

The Senate of the University of Calicut hereby makes known that

Sudha Devi . A . R .

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.

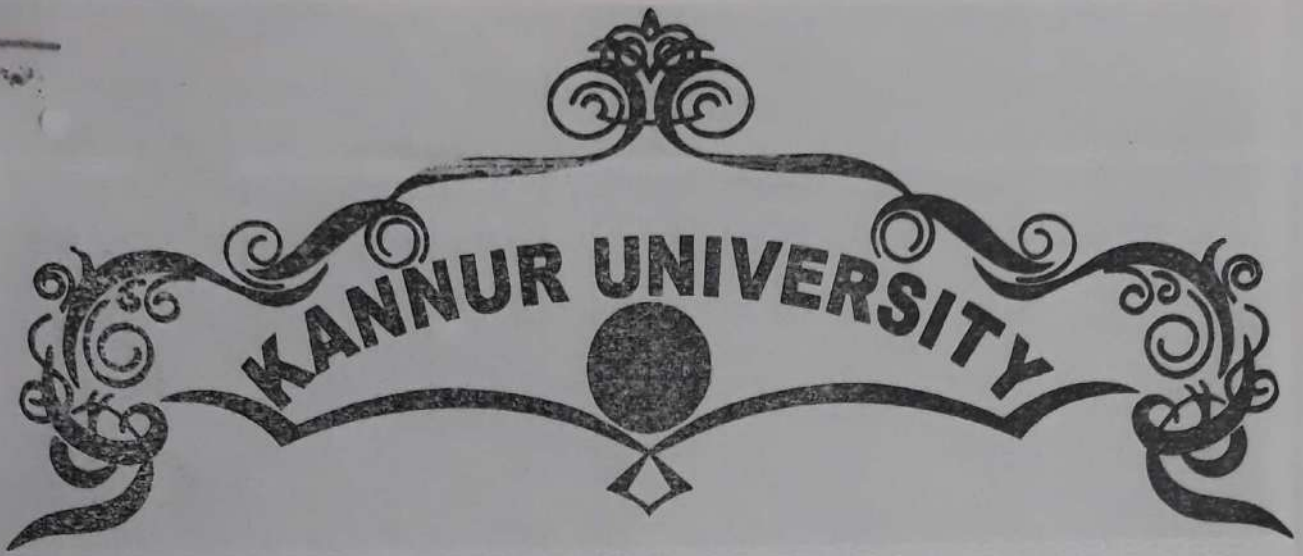
Given under the seal of the University.



CALICUT UNIVERSITY  
673 635

Date 1.6.'95

VICE-CHANCELLOR



## FACULTY OF LANGUAGE AND LITERATURE

*The Syndicate of Kannur University hereby makes known that*

**FRANCIS N T**

*has been admitted to the degree of*

**Doctor of Philosophy**

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

*Subject : English*

*Title of the Thesis : Evolution and Involution in Jose Saramago : A Study based on 'Blindness', 'The Gospel according to Jesus Christ' and 'The Stone Raft'*

*Given under the seal of the University.*

*Date of Award : 06 November 2012*



Kannur University

22 May 2013

Date .....

VICE-CHANCELLOR

Nº 0052026

# UNIVERSITY OF KERALA

Book No. 12

Folio No. 40

Reg. No. 9400

Date of syndicate Resolution } 29.03.2018



Sl. No. 40

Thiruvananthapuram,

Dated. 12.04.2018

## PROVISIONAL CERTIFICATE



Issued to..... Mary Nirmala Borgia.....

Certified that the above mentioned candidate has been declared eligible for the award of the Ph. D. Degree in the Faculty of..... Science.....

Subject..... Zoology.....

Title of the thesis... BIOCONTROL POTENTIAL OF THE  
ENTOMOPATHOGENIC NEMATODE *Heterorhabditis*  
*indica* AGAINST SELECTED PESTS OF  
CUCURBITS.....

*B. Chinn*  
REGISTRAR