

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA



CRITERIA 2- TEACHING, LEARNING AND EVALUATION

2.4.2 TEACHER QUALITY

JUNE 2021

LIST OF TEACHERS WITH PhD DEGREE -ACADEMIC YEAR 2020-21

Sl No	Name	Department	Date of PhD
1	Dr. Tessy Paul P	Botany	9/20/2012
2	Dr. B.P. Aravinda	BPEd	12/11/2006
3	Dr. Soni John T	BPEd	4/22/2016
4	Dr. N. Anilkumar	BPEd	1/31/2012
5	Dr. V. T. Joy	Chemistry	8/6/1999
6	Dr. Rani Varghese	Chemistry	1/19/2010
7	Dr. Digna Varghese	Chemistry	3/17/2012
8	Dr. Robinson P. Ponminiessary	Chemistry	9/14/2011
9	Dr. Titto Varughese	Chemistry	2/19/2010
10	Dr. Arun S	Chemistry	8/31/2016
11	Dr. Tom Cherian	Chemistry	Jul-06
12	Dr. Jibin A.K	Chemistry	7/19/2013
13	Dr. Dijo Damien	Chemistry	6/3/2017
14	Dr. Josheena Jose	Commerce	3/27/2017
15	Prof. Arun Balakrishnan M.B	Commerce	11/19/2019
16	Dr. Tom Jacob	Commerce	11/17/2020
17	Dr. Franco T. Francis	Economics	8/2/2016
18	Dr.K.J. Vargheese	Functional English	7/30/2009
19	Prof. Anusha Mathew	Functional English	11/30/2018
20	Dr. Linto Alappat	Geology & Environmental Science	1/21/2015
21	Dr. Subin K. Jose	Geology & Environmental Science	12/1/2012
22	Dr. Manju N.J	Geology & Environmental Science	1/30/2009
23	Dr. Rekha V.B	Geology & Environmental Science	6/10/2013
24	Dr. Binu M. John	History	12/12/2007
25	Dr. Sreevidhya V	History	3/31/2008
26	Dr. Seena V	Mathematics	7/7/2017
27	Fr. Dr. Vincent N.S	Mathematics	5/27/2018
28	Dr. K. Y. Shaju	Physics	8/5/2015
29	Dr. P. D. Shaju	Physics	10/28/2004
30	Dr. Sudheer Sebastian K	Physics	4/8/2011
31	Dr. Xavier Joseph	Physics	3/5/2016
32	Rev. Dr. Jolly Andrews CMI	Physics	8/19/2014
33	Dr. Vinitha E	Sanskrit	9/20/2012
34	Dr. Davis Antony Mundassery	Statistics	1/29/2008
35	Dr. (Sr.) Mariyamma K.D.	Statistics	1/18/2014
36	Dr. C. O. Joshi	Zoology	4/15/2005
37	Dr. Sudhikumar A. V.	Zoology	12/22/2008
38	Dr. Leyon Varghese	Zoology	9/24/2005
39	Dr. Bijoy.C.	Zoology	4/29/2017
40	Dr. Abhilash Peter	Zoology	2/25/2017
41	Dr. Binu R.	Zoology	6/2/2010
42	Sr. Dr. Dilla Jose	Zoology	5/5/2018
43	Dr. C J Mani	Botany (Self)	4/6/2005

44	Dr. George Alex	English & History	6/27/2016
45	Dr. Hemalatha P	English Literature	29-Jun-13
46	Dr C V Nandini	Geology	Nov-13
47	Dr.SHIVKUMAR	Hindi	1/5/2014
48	Dr. Thressiamma Joseph	Hindi	2/2/1989
49	Dr. Devi K	Geology	3/15/2019
50	Dr C V Sudheer	Malayalam	1/18/2020
51	Dr.Joju K T	Mathematics	1/28/2016
52	Dr.V.Vibitha Kochamani	Mathematics	11/3/2020
53	Dr. Anju Paulson	Physics	12/17/2020
54	Dr. Zuhair N S	Physics	8/1/2018
55	Dr. Annrose Sunny	Physics	7/8/2020
56	Dr. V P JOSEPH	Physics	7/28/2000
57	Dr. Suresh K Govind	Psychology	9/28/2015
58	Fr. Dr. Joy Vattoly	Social Work	7/13/2019

DEPARTMENTS	PhD Degree holders
Botany	1
Botany (Self)	1
BPEd	3
Chemistry	9
Commerce	2
Commerce	1
Economics	1
English & History	1
English Literature	1
Functional English	2
Geology	2
Geology & Environmental Science	4
Hindi	2
History	2
Malayalam	1
Mathematics	4
Physics	9
Psychology	1
Sanskrit	1
Social Work	1
Statistics	2
Zoology	7
Grand Total	58

Mahatma Gandhi University



FACULTY of *Science*.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

Tessy Paul P.

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in *Botany*.....

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

Title of the Thesis: *STUDIES ON THE ALGAL
FLORA OF KOLE LANDS IN
THRISSUR DISTRICT, KERALA*

Given under the seal of the University

Date of Syndicate Decision: *20.09.2012*

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA

Date: *16 October 2012*



[Signature]
Vice Chancellor



डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि अरविंद जी.पी. को इस विश्वविद्यालय से वर्ष 2006 में शारीरिक शिक्षा विषय में डॉक्टर ऑफ फिलॉसफी की उपाधि के लिये योग्य घोषित किया गया है, एतदर्थ उन्हें डॉक्टर ऑफ फिलॉसफी की उपाधि प्रदान की जाती है।

DOCTOR OF PHILOSOPHY

This is to Certify that Arvind B.P. has been declared eligible for the award of **Doctor of Philosophy** in this University in 2006 in this Physical Education subject is admitted to the Degree of **Doctor of Philosophy**.

His / Her Thesis is on "Investigation on selected Physical Anthropometric and Psychological variables as Predictors of pole vault performance"



JIWAJI UNIVERSITY,
GWALIOR

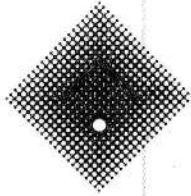
Dated : 24th June, 2006.

Issued on : 11 DEC 2006

TRUE COPY

PRINCIPAL

CHRIST COLLEGE, IRINJALAKUDA KULPATI



VICTORIA UNIVERSITY

This is to certify that

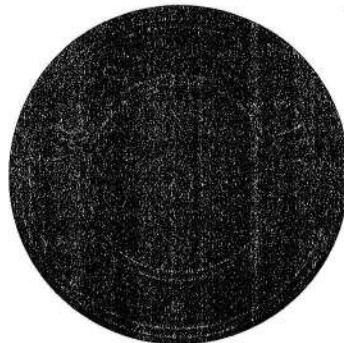
Soni John Thanikkal Kottayil

has fulfilled the requirements of the University
and admitted to the

Doctor of Philosophy

on the 22nd day of April in the year 2016

Given under the seal of Victoria University, Australia.



Peter Dawkins

Professor Peter Dawkins
Vice-Chancellor and President

George Pappas

Mr George Pappas
Chancellor



975
7/12/2022

കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF EDUCATION

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

Anil Kumar. N.

*has been admitted to
the Degree of*

Doctor of Philosophy

in

Physical Education

*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-673 635

VICE CHANCELLOR

Date31/01/2012



Nº 325802



Indian Institute of Technology, Madras

hereby confers the degree of
Doctor of Philosophy
of the Institute

on

JOY V T

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

**SURFACE-ENHANCED RAMAN SPECTROSCOPIC INVESTIGATIONS ON
THE ADSORPTION BEHAVIOUR OF SOME SULFUR CONTAINING
MOLECULES ON THE SILVER SURFACE**

*Given this day the Sixth of August, 1999
under the seal of the Institute.*



Registration

R. M. Narayanan
Director

Chairman
Board of Governors

Mahatma Gandhi University



FACULTY of..... **Science**.....

The Syndicate of the Mahatma Gandhi University
hereby makes known that

.....
Rani Varghese.....

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: ...**PHOTOCHEMICAL AND RADIATION**.....

.....**CHEMICAL DEGRADATION STUDIES OF**.....

.....**TRIAZINE DERIVATIVES**.....


Given under the seal of the University

Date of Syndicate Decision: ..**19. 01. 2010**..

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA

Date: ..**12 May 2010**..




Vice Chancellor



000129

Cochin University of Science and Technology



FACULTY OF SCIENCE

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

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...21st..February..2012.....



University Buildings

Kochi - 682 022

Issued on March 17, 2012

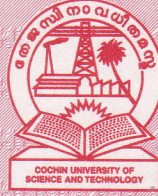
R.Cheluvu

Vice - Chancellor.



000094

Cochin University of Science and Technology



FACULTY OF SCIENCE

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... **ROBINSON P PONMINIESSARY**.....

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..... 17th January, 2011.....



University Buildings

Kochi - 682 022

Issued on September 14, 2011.....

Pchandra

Vice - Chancellor.



Kongju National University

on the recommendation of the faculty hereby confers upon

Titto Varughese

the degree of

Doctor of Philosophy

He is entitled to all rights, honors, and privileges belonging to that degree

Given at Kongju, Korea

February 19th, 2010

A handwritten signature in black ink, reading "Jae Jyun Kim".

President, Kongju National University

A handwritten signature in black ink, likely belonging to the Dean of the Graduate School.

Dean, Graduate School



FACULTY OF SCIENCE

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

Arun. S.

has been admitted to

the Degree of

Doctor of Philosophy

in

Chemistry

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 - 673 635
31/08/2016

Date



No. 0623020

ಮಂಗಳೂರು

MANGALORE



ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

UNIVERSITY

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹ ಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು,
ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ಶೈಕ್ಷಣಿಕ ಮಂಡಳಿ ಸದಸ್ಯರಾದ ನಾವು



*We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the
members of the Syndicate and Academic Council of
Mangalore University do hereby make known that*

ಟೋಮ್ ಚೆರಿಯಾನ್ ಅವರು

TOM CHERIAN

has been admitted to the Degree of

2006ನೆಯ ವರ್ಷದ ಜುಲೈ ತಿಂಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ

ರಸಾಯನ ಶಾಸ್ತ್ರದಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

DOCTOR OF PHILOSOPHY

IN CHEMISTRY

ಪದವಿಯನ್ನು ಪಡೆಯಲು ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

*on being duly certified to have qualified for the same in the
month of July, 2006*

ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ

Title of the thesis :

**" STUDIES ON NEW REAGENTS FOR COMPLEXOMETRIC AND
SPECTROPHOTOMETRIC DETERMINATIONS OF METAL IONS AND ANIONS "**

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.

Given under the Seal of the University



[Signature]



Indian Institute of Technology Madras

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

JIBIN A K

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

**ELECTROCHEMICAL LITHIUM INSERTION AND SOLID STATE STUDIES
ON CERTAIN OXIDES, PNICTIDES AND CARBOSELENIDES**



CY06D001

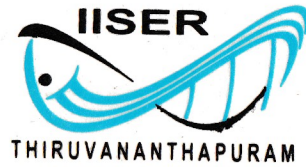
Given this day the Nineteenth of July, 2013
under the seal of the Institute.

V.C.S.
Registrar

B.M.
Director

[Signature]
Chairman, Board of Governors





**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
THIRUVANANTHAPURAM**

The Board of Governors upon recommendation of the Senate

has conferred on

DIJO DAMIEN

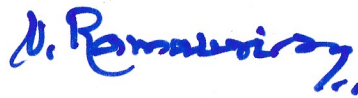
the degree of

Doctor of Philosophy

Issued under the seal of the Institute on the third day of June of the year two thousand and seventeen
and the Ninth year of the Indian Institute of Science Education and Research Thiruvananthapuram



Registrar



Chairperson, Senate



Chairperson, 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 COMMERCE

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

Smt. JOSHEENA JOSE

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.*

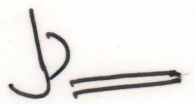
Title of the Thesis : **A STUDY ON THE IMPACT OF AGRICULTURAL
INSURANCE ON RISK MANAGEMENT AMONG FOOD CROP FARMERS IN
KERALA**

Given under the seal of the University

Date of Syndicate Decision:27-03-2017

University Buildings
Priyadarshini Hills P.O.
Kottayam - 686 560
Kerala, India
Dated : 19-May-2017




Vice-Chancellor



வணிகவியல்
..... புலம்
COMMERCE
FACULTY OF

2019

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

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2019 ஆம் ஆண்டு
நவம்பர் 19 திங்கள் ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the University of Madras hereby makes known that
ARUN BALAKRISHNAN M B
has been conferred the

DEGREE OF DOCTOR OF PHILOSOPHY

he/she having been certified by duly appointed examiners to be qualified to
2019
receive the same in the year

Given under the seal of the University of Madras, at Chennai this
19th day of November 2019

Title of the Thesis : "A STUDY ON COMMITMENT DIMENSIONS OF COLLEGE
TEACHERS WITH SPECIAL REFERENCE TO ARTS AND
ஆய்வுத் தலைப்பு : SCIENCE COLLEGE TEACHERS IN CHENNAI CITY"
(Commerce)

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

L. S. Srinivasan
பதிவாளர்
Registrar



P. D. Mani
துணை வேந்தர்
Vice-Chancellor



FACULTY OF COMMERCE & MANAGEMENT STUDIES

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

Tom Jacob

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University



A handwritten signature in blue ink, appearing to be 'Tom Jacob', written over the printed name of the Vice-Chancellor.

Vice - Chancellor

CALICUT UNIVERSITY P.O.
Kerala, INDIA
PIN - 673 635
Date **17/11/2020**



No. 0898206



France T.
Adv. Inve
DD அலிஸ் பஸ் ஜெனரல்
2506190000

பாரதியார் பல்கலைக் கழகம்
Bharathiar University
கல்வியியல் புலம்
FACULTY OF EDUCATION

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
பிரயோகம் 4 பிரிவுகளில், 2016 ஆம் ஆண்டு, ஆகஸ்ட் 2 ஆம் நாளில் கல்வியியல்
என்றும் பரிசில் ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
எற்றும் அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக கல்வியியல் இலச்சினையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that FRANCO T FRANCIS
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in EDUCATION,
having been certified (by duly appointed Examiners to be qualified to receive the same on 2nd AUGUST 2016.

Under external part time mode
Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
நாள்

தேர்வாளர்

B.V. L. C.
பதிவாளர் (பொ)
Registrar (I/c)

துணைவேந்தர்
Vice-Chancellor

Dated: 7th February 2017
ISSUED ON 20 JUN 2017

Controller of Examinations

CHRIST COLLEGE (AUTONOMOUS)

Reg.No.
&
Year

2009



Sree Sankaracharya University of Sanskrit

KALADY, KERALA

FACULTY OF *Foreign Languages*

The Academic Council of the Sree Sankaracharya University of Sanskrit hereby makes known that

Vargheese K.J.

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 *'English Language Teaching Through Information Communication Technology'*

Given under the seal of the University.

Kalady

30.07.2009



[Signature]
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம் Bharathiar University

கலையியல் புலம்
FACULTY OF ARTS

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
அனுஷா மேத்யூ, 2018 ஆம் ஆண்டு, நவம்பர் 30 ஆம் நாளில் ஆங்கிலம் என்னும் பிரிவில்
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது. இலச்சியையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that ANUSHA MATHEW
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ENGLISH,
having been certified by duly appointed Examiners to be qualified to receive the same on 30th NOVEMBER 2018.

Given under the Seal of the University.

கோயம்புத்தூர்

Coimbatore

63610

நாள்


தேர்வாளர்(பொ)



பதிவாளர்(பொ)

Registrar (I/c)


துணைவேந்தர்

Vice-Chancellor

Dated: 18th December 2019 Controller of Examinations i/c



भारतीय विश्वविद्यालय संघ

ASSOCIATION OF INDIAN UNIVERSITIES

AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Delhi-110 002
EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131
http://www.aiuweb.org E-mail : info@aiuweb.org/cvaluation@aiuweb.org

E.C. **Nº 014764**

Date

21.01.2015

EQUIVALENCE CERTIFICATE

NAME: Mr./Ms.

LINTO ALAPPAT

DEGREE/DIPLOMA

Doctor of Philosophy

AWARDING UNIVERSITY /
INSTITUTION

Free University of Berlin(Freie Universitat of
Berlin) Kaiserswerther Str., Berlin. Germany

STATUS of the awarding
Institution

Free University of Berlin is an accredited
University in Germany listed on Page 1446 of
'International Handbook of Universities - 2012'

SCORE / GRADE

As shown on the Academic Transcript

EVALUATION OF EDUCATIONAL CREDENTIALS

LINTO ALAPPAT has obtained Doctor of Philosophy in Degree – “Application of OSL dating on coastal sediments, Case studies from shallow marine sediments of Southern North Sea, Germany, and Coastal sub-surface and surface sediments from south India” from Free University of Berlin (Freie Universitat of Berlin) Berlin an accredited University in Germany - this qualification is **EQUATED** with Doctor of Philosophy Degree (Geosciences) in the corresponding field of an Indian University

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

Section Officer (Evaluation)
Association of Indian Universities
AIU House, 16, Comrade Indrajit Gupta Marg,
New Delhi-110002
E-mail :evaluation@aiuweb.org

Dr. Gurdeep Singh
Joint Secretary (S)
Association of Indian Universities
AIU House, 16, Indrajit Gupta Marg,
New Delhi-110002

Mahatma Gandhi University



FACULTY of *Environmental & Atmospheric Sciences*
The Syndicate of the Mahatma Gandhi University

hereby makes known that

Subin K. Jose

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in *Environmental Science*

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

Title of the Thesis: *Geospatial characterization and conservation potential for Agasthyamala biosphere reserve, Western Ghats, India*


Given under the seal of the University

Date of Syndicate Decision: *1.12.2012*

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA



Date: *28 February 2013*


Vice Chancellor



FACULTY OF ENVIRONMENTAL STUDIES

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

DOCTOR OF PHILOSOPHY

under the Faculty of Environmental Studies, 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 30th January 2009.

*University Buildings,
Kochi - 682 022.*



*Prathap
Vice-Chancellor.*

Mahatma Gandhi University



FACULTY of *Environmental & Atmospheric Sciences*
The Syndicate of the Mahatma Gandhi University
hereby makes known that

..... *Rekha V. B.*

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in..... *Environmental Science*

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

Title of the Thesis: *A comparative study of the hydrological scenario of Peruvanthanam sub-watershed and Valiyathodu sub-watershed of Manimala river basin, Kerala, South India*

Given under the seal of the University

Date of Syndicate Decision: *10.06.2013*

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA

Date: *14 June 2013*



Vice Chancellor



ENGLISH TRANSLATION OF
THE DOCTORAL DEGREE CERTIFICATE ISSUED BY
LEIDEN UNIVERSITY

To whom it may concern.

The Rector and the College of Faculty Deans of Leiden University salute the readers:

Our ancestors, in their wisdom, have judiciously determined that students, prior to putting their knowledge into practice, on completion of their academic studies, should attempt to obtain documentary proof of their diligence and learning.

Accordingly, when after fulfilling the graduation requirements of the University, the distinguished mr. **Binu M. John** strove to attain the highest academic degree, we, the undersigned, in order to support this most honourable cause, did not only examine him in the subjects of the Faculty of Arts but we also heard the defence of his thesis submitted under the title "The Ali Rajas of Cannanore: Status and Identity at the interface of Commercial and Political Expansion, 1663-1723".

Whereas in all this he has given us convincing proof of his erudition and care, we have presented him the honourable certificate of competence [i.e. the doctoral degree certificate] to which he is entitled.

Consequently, by virtue of the authority bestowed upon us, we have created and claimed him a doctor in the approved way, and we have granted him all the rights and honours which by law and custom regularly pertain to those legitimately admitted to the doctorate¹.

As confirmation and testimony hereof, the present official diploma, signed by the Rector Magnificus, the Supervisor(s) of the thesis, and the Secretary, and certified with the Great Seal of the University, was handed over to him by us.

Issued at Leiden, on the 12th day of the month December in the year 2007.

signature
Rector Magnificus

signature(s)
Supervisor(s)

signature
Secretary of the Committee of
Opponents [being the Dean of
the Faculty]

Prof. Dr. P.F. van der Heijden
rector magnificus



¹ For the readers' information: the holder of the doctoral degree certificate is entitled to add to his/her name the title of 'doctor' (abbr. 'dr.').



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF HUMANITIES

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

Sreevidhya. V.

has been admitted to

the Degree of

Doctor of Philosophy

in

History

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

Date... 31/03/2008

[Signature]

VICE CHANCELLOR



No 121198

COPY



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

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

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

121686/RESEARCH-C-ASST-1/2016/Admn

14.07.2017

NOTIFICATION

AWARD OF RESEARCH DEGREE IN MATHEMATICS

It is hereby notified that, the Syndicate, of this University at its meeting held on **12.07.2017** vide Item No.**2017.844*** resolved to award the Degree of Doctor of Philosophy (Ph.D.) in **Mathematics** in the Faculty of Science to **Ms. Seena V**, Research Scholar under the supervision of Research Guide **Dr.Raji Pilakkat**, Associate Professor & Head ,Department of Mathematics,University of Calicut. (CDC/B1/261/Ph.D 08 (Maths) dated 16.05.2009) for the thesis entitled "**SEPARATION AXIOMS IN GRAPHS AND HYPERGRAPHS.**"

This award is effective from **07.07.2017**.

Dr.M. Nasser

Director of Research

DIRECTOR
Directorate of Research

To,
Ms.Seena V.
Kuttichira House,
Kodannur P O,
Thrissur,680563

Copy to:

- 1).The Examiners (With Compliments)
- 2). Dr.Raji Pilakkat (Supervising Teacher)
- 3). The HOD, Department of Mathematics,University of Calicut
- 4). The Librarian, C.H.M.K. Library,University of Calicut
- 5). The Controller of Examination, 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



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA



*The Board of Management of Christ (Deemed to be University)
hereby makes known that*

VINCENT N S

with Registration Number

1045303

is admitted to the Degree of

DOCTOR OF PHILOSOPHY IN MATHEMATICS

*in recognition of the fulfilment of the requirements for the award
of the said degree in the year 2018.*

Title of the Thesis

*A Study of Fractal Properties of
Turbulent Functions*

Given under the Seal of Christ (Deemed to be University)

*Bengaluru
27 May 2018*


Vice Chancellor



Cochin University of Science and Technology



0023053



FACULTY OF SCIENCE

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... Shaju K Y.....

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.

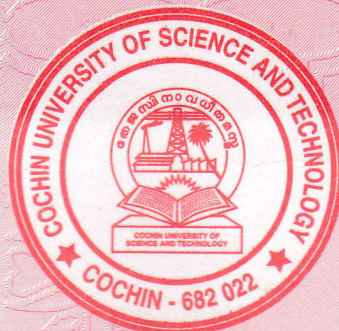
Given under the Seal of the University, this day, the..... 16th July, 2015.....

Sl. No.: 0023053

University Buildings

Kochi - 682 022

Issued on 05/08/2015.....



[Signature]
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 Shaju. P.D. 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 28th October 2004

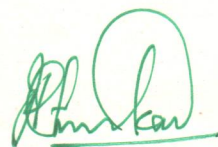


University Buildings
Kochi - 682 022


Vice-Chancellor.

TRUE COPY

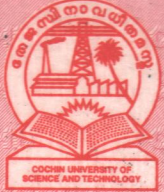




PRINCIPAL
CHRIST COLLEGE, IRINJALAKUDA



Cochin University of Science and Technology



FACULTY OF SCIENCE

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... **SUDHEER SEBASTIAN K** 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..... 08'th April, 2011



University Buildings
Kochi - 682 022
Issued on

September 14, 2011

R. Chendrasekhar
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. XAVIER JOSEPH

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 : Spectroscopic and Dielectric Studies of Certain RE³⁺
Doped Tellurite Based Glasses**

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 : 20-June-2016




Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University



அறிவியல் புலம்

FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
ஜூன் 19 ஆம் ஆண்டு, ஆகஸ்ட் 19 ஆம் நாளில் இயற்பியல் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் என்னும் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பஸ்கலைக் கழக இலச்சினையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that JOLLY ANDREWS
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in PHYSICS,
having been certified by duly appointed Examiners to be qualified to receive the same on 19th AUGUST 2014.



Given under the Seal of the University.

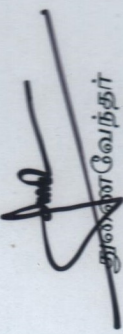
கோயம்புத்தூர்

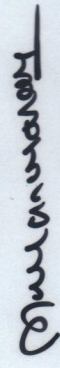
Coimbatore

ae9R39

நாள்

Dated: 22nd December 2014 Controller of Examinations i/c


பதிவாளர்


பதிவாளர்

Registrar

Vice-Chancellor

9059497

Mahatma Gandhi University



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

Vinitha E

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in *Sanskrit (Vyakarana)*

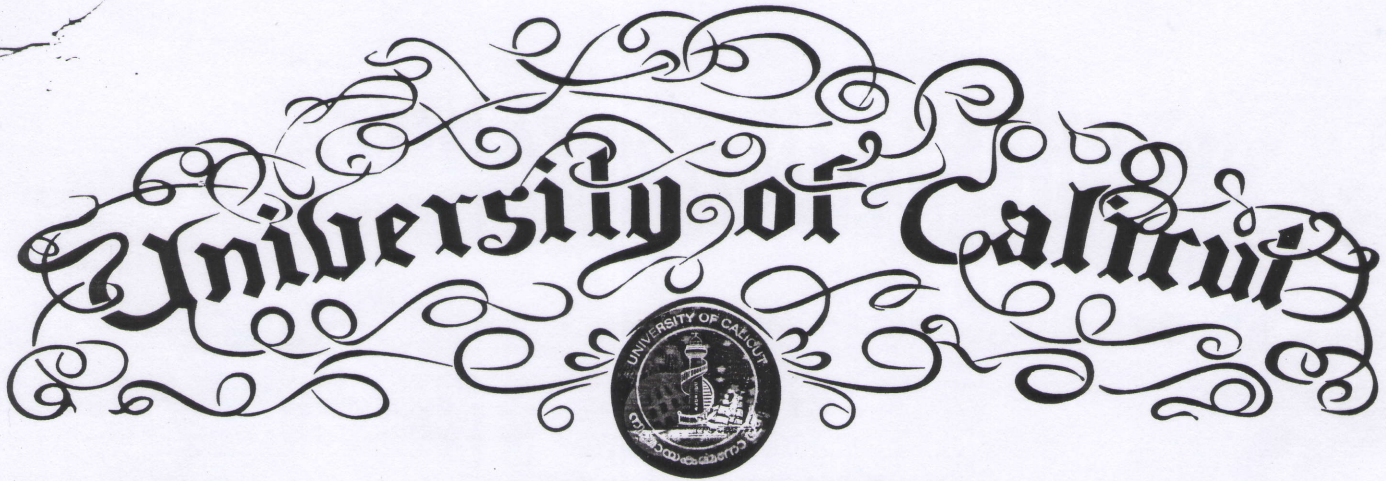
he/she having been certified by duly appointed
examiners to be qualified to receive the same.

Title of the Thesis: *Samasa in Siddhantakaumudi*
and Prakriyasarvasva - A
Comparative Study

Given under the seal of the University

Date of Syndicate Decision: *20.09.2012*





കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

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

Davis Antony Mundassery

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... 29/10/2008

A. Zuberi

VICE CHANCELLOR



Nº 146873



FACULTY of **Science**.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

Mariyamma K.D

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.

Title of the Thesis: **A STUDY ON DISCRETE DISTRIBUTIONS AND INTEGER VALUED AUTOREGRESSIVE (INAR) PROCESSES**

Given under the seal of the University

Date of Syndicate Decision: **18.01.2014**

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA

Date: **23 May 2014**



Vice Chancellor



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

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

C. O. Joshi

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 15/04/2005

Murali

VICE CHANCELLOR



Nº 003494

COPY

Mahatma Gandhi University



FACULTY of.....*Science*.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

.....*Sudhikumar A.V*.....

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 Taxonomy
and Bionomics of Some Predacious
Spiders on insect pests of Rice
Agroecosystem in Kuttanad, Kerala*

Given under the seal of the University

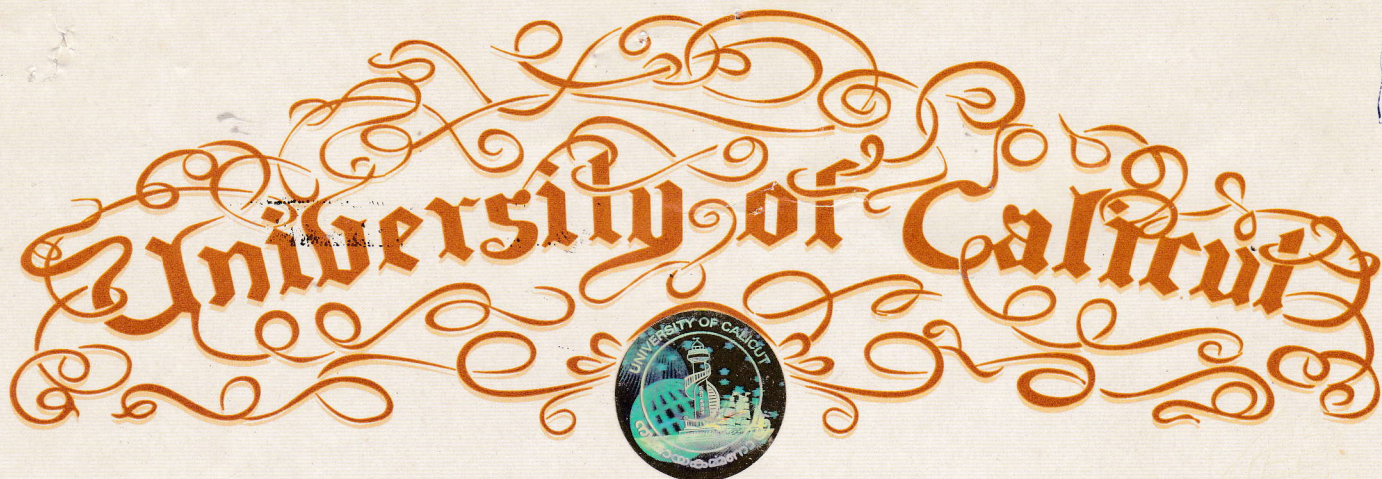
Date of Syndicate Decision: *18.11.2008*

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS
KOTTAYAM - KERALA

Date: *22 DECEMBER 2008*



[Signature]
Vice Chancellor



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

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

Leyon Varghese

has been admitted to
the Degree of

Doctor of Philosophy

in

Immunology

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

24/09/2005

Date.....

Munai
VICE CHANCELLOR



Nº 010791

COPY



FACULTY OF SCIENCE

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

Bijoy. C.

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



Vice - Chancellor

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

29/04/2017

Date



No. 0666129



FACULTY OF SCIENCE

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

Abhilash Peter

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 P.O.
Kerala, INDIA
PIN - 673 635
25/02/2017
Date


Vice - Chancellor



No. 0645104

Otto-von-Guericke-Universität Magdeburg

Unter dem Rektorat des Professors Dr. Klaus Erich Pollmann
verleiht
die Fakultät für Naturwissenschaften

Herrn

M. Sc. Binu Ramachandran

geboren am 17. Mai 1979 in Alumkadavu, Kerala (India)

den akademischen Grad

doctor rerum naturalium

(Dr. rer. nat.),

nachdem er seine wissenschaftliche Befähigung mit der **Dissertation**

**Late-LTP in apical CA1 dendrites of hippocampal
slices in vitro**

nachgewiesen hat.

Für die **Gesamtleistung** wird das Prädikat

cum laude (Gut)

erteilt.

Magdeburg, 02. Juni 2010

Der Rektor

Prof. Dr. K. E. Pollmann

Der Dekan

Prof. Dr. J. Christen



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

2017 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க
தேர்வாளர்களால் சான்றளிக்கப்பட்டு டில்லா ஜோஸ்

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2018 ஆம் ஆண்டு
மே 5 திங்கள் 5 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that
DILLA JOSE 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 2017.*

*Given under the seal of the University of Madras, at Chennai this
5th day of May 2018.*

Title of the Thesis : "AMELIORATIVE EFFECT OF CURCUMIN ON PARAQUAT
INDUCED TOXICITY IN INTESTINAL AND LUNG CANCER
ஆய்வுத் தலைப்பு : CELL LINES IN VITRO VIA Nrf2 ACTIVATION" (Zoology)

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


பதிவாளர்
Registrar




துணை வேந்தர்
Vice-Chancellor



കാലിക്കറ്റ് യൂണിവേഴ്സിറ്റി

FACULTY OF SCIENCE

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

Mani. C.J.

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 06/04/2005

Mua
VICE CHANCELLOR



Nº 002636



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



Kannur University
09 November 2017

Date

No. 0103511

VICE-CHANCELLOR



FACULTY OF LANGUAGE AND LITERATURE

The Syndicate of Kannur University hereby makes known that

HEMALATHA P

has been admitted to the degree of

Doctor of Philosophy

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

Subject : English

*Title of the Thesis : Voices Between Boundaries : Trans-Cultural Interventions
in the Select Works of Indian Women Writers*

Given under the seal of the University.

Date of Award : 29 June 2013

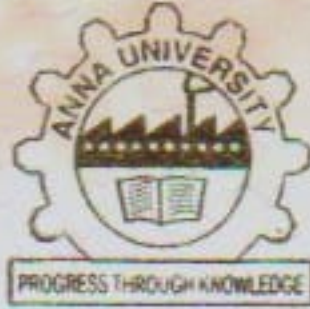


[Signature]
VICE-CHANCELLOR

Kannur University

Date 21 August 2013

No 0052059



Reg.No. 1025719158/RG

The Syndicate of the Anna University hereby makes known that
NANDINI C V *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 **2013.**

Title of the Thesis:

**SATELLITE IMAGE PROCESSING, SEDIMENTOLOGY AND
GEOPHYSICAL STUDIES TO IDENTIFY AND MAP PALAEOCHANNELS
IN A PART OF SOUTH-EASTERN INDIA**

Given under the Seal of the University





उच्च शिक्षा और शोध संस्थान
Post Graduate and Research Institute

Dakshina Bharat Hindi Prachar Sabha
MADRAS

(संसदीय अधिनियम 14 सन् 1964 द्वारा घोषित 'राष्ट्रीय महत्व की संस्था')
(Declared by Parliament as an Institution of National Importance by Act 14 of 1964)

पंजीकरण सं./Reg. No.

ER/Ph.D/03/2010

(विश्वविद्यालय विभाग)

(University Wing)

की

शासी परिषद् की अनुशंसा पर

शिवकुमार

को

डॉक्टर आफ़ फ़िलासफ़ी

हिंदी

की उपाधि

पाँच जनवरी 2014 को

प्रदान की गई है। इसके साक्ष्य-स्वरूप सभा की मुद्रा और कुलाधिपति तथा कुलसचिव के हस्ताक्षर अंकित हैं।

On the recommendation of the Shasi Parishad

the degree of

DOCTOR OF PHILOSOPHY

HINDI

has been conferred on

SHIVKUMAR

On Fifth January 2014

In testimony whereof are set the seal of the said Sabha and the signatures of the said Chancellor and the Registrar.

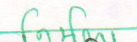
उक्त उपाधि हेतु प्रस्तुत शोध प्रबंध

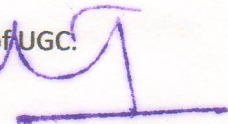
Title of thesis submitted for the degree

डॉ. सुरेश शुक्ल चन्द्र के नाटकों का विश्लेषणात्मक अध्ययन

The Degree of Ph.D. with Course Work as per Ph.D. Regulations-2009 of UGC.

दिनांक/Dated : - 7 MAY 2016


कुलसचिव
Registrar


कुलाधिपति
Chancellor

Reg No. 883



FACULTY OF ORIENTAL STUDIES

The Senate of the University of Kerala hereby makes known

that *Thresiamma 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.

Given under the seal of the University



University Buildings,

Tiruvananthapuram, 2.2.1989

[Signature]
Vice-Chancellor



Indian Institute of Technology Madras

hereby confers the degree of
Doctor of Philosophy

of the Institute

on

DEVI K

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

ASSESSMENT OF COASTAL DUNES AND PEATLANDS METHANE
PLUMES IN COASTAL PLAIN LANDFORMS OF INDIA BY GROUND
PENETRATING RADAR MEASUREMENTS



OE13D207



*Given this day the Fifteenth of March, 2019
under the seal of the Institute.*

J. Sreedhar
Registrar

B. S. R.
Director

R. S. R.
Chairman, Board of Governors

**SREE SANKARACHARYA UNIVERSITY OF SANSKRIT
KALADY**

श्रीशङ्कराचार्य संस्कृत सर्वकलाशाला कालटी



Book No. : 7

Folio No. : 622



Date : 22.01.2020

PROVISIONAL CERTIFICATE

Certified that Sri./Smt. C. V. Sudheer

has been awarded the Degree of Doctor of Philosophy (Ph.D) in Malayalam

under the Faculty of Indian Languages

on the topic മലയാള പ്രാകരണകൃതികളുടെ

ചാതുരിചാരം

* _____ *

* _____ *

on 18.01.2020

[Signature]
Assistant

[Signature]
Section Officer

[Signature]
Assistant Registrar

[Signature]
DEPUTY REGISTRAR (EXAM)



FACULTY OF SCIENCE

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

Joju. K.T.

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

Vice - Chancellor



CALICUT UNIVERSITY P.O.
Kerala, INDIA
PIN - 673 635
Date **28/01/2016**

No. 0568048



FACULTY OF SCIENCE

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

V.Vibitha Kochamani

has been admitted to the Degree of

Doctor of Philosophy

in

Mathematics

she having been certified by duly appointed Examiners

to be qualified to receive the same

TITLE OF THE THESIS:

Some Nash Functions Using Cayley Graphs

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 03/11/2020



No. 0897961



FACULTY OF SCIENCE

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

Anju Paulson

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:

*Thermoelectric property studies of dysprosium
incorporated zinc oxide materials*

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

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

Vice - Chancellor

CALICUT UNIVERSITY P.O.

Kanada, INDIA

Pin - 672 525

17/12/2020

Date



No. 0898584



हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि

जुहैर एन.एस.
को

भौतिक विज्ञान में भौतिक विज्ञान

संकाय में शोध प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को सफलतापूर्वक पूर्ण करने पर
सन् 2018 में

डॉक्टर ऑफ़ फ़िलासॉफी

की उपाधि प्रदान की गयी है



This is to certify that

ZUHAIR N S

*having pursued research in **Physics***

at the

School of Physics

*and having submitted a thesis and successfully completed all the
requirements has been admitted to the degree of*

Doctor of Philosophy

in the year 2018

विश्वविद्यालय की मुहर के अधीन प्रदत्त
Given under the seal of the University

कुल सचिव
Registrar

कुलपति
Vice-Chancellor

Sl. No. P2252

ACSIR

Registration 10PP14J39014

वैज्ञानिक और नवीकृत अनुसंधान अकादमी

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (ACSIR)

(An Institution of National Importance established by an Act of Parliament, India)

PROVISIONAL CERTIFICATE

IT IS CERTIFIED THAT

Annrose Sunny

HAS QUALIFIED FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY IN SCIENCE

UNDER THE FACULTY OF PHYSICAL SCIENCES

ON SEPTEMBER 02, 2020, HAVING COMPLETED ALL THE PRESCRIBED REQUIREMENTS OF THE PROGRAMME

INCLUDING DOCTORAL RESEARCH THESIS ON

“Development of biocompatible spinel ferrite nanoparticles using a facile synthesis for hyperthermia therapy”

at

CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, INDIA.

THE Ph.D. DEGREE HAS BEEN AWARDED IN ACCORDANCE WITH THE PROVISIONS OF 'UGC (MINIMUM STANDARDS AND PROCEDURES FOR AWARDS OF M.Phil./Ph.D. DEGREE) REGULATION, 2009.

Ghaziabad 201002

Dated: September 08, 2020

Associate Director (Academic)

Prof.(Dr.) Krishnan Ravikumar
Associate Director (Academic)

Academy of Scientific and Innovative Research (ACSIR)
ACSIR Headquarters, CSIR-HRDC Campus, Sector-19,
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

Prepared by Sayantika S
Checked by Aashi

Cochin University of Science and Technology



FACULTY OF TECHNOLOGY

The Academic Council of the Cochin University of Science and Technology hereby makes known that Joseph. V.P.
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 28th July 2000. *12*

*University Buildings,
Cochin - 682 022.*



[Signature]
Vice-Chancellor.

नामांकन सं.
Enrolment No. 10 PH.D.139



क्रमांक
Sl. No. 770

वन अनुसंधान संस्थान

(सम विश्वविद्यालय)
देहरादून

श्री/सुश्री सुरेश के. गोविन्द

को प्रबन्ध परिषद् की संस्तुति पर वानिकी में डॉक्टर ऑफ फिलासफी की उपाधि

वाइल्डलाइफ साइंस में उनके शोध प्रबन्ध, स्टडीज ऑन ह्यूमन-

वाइल्डलाइफ कन्फ्लिक्ट इन सेंट्रल केरल, इण्डिया

पर दिनांक 28-09-2015 को प्रदान की जाती है।

Forest Research Institute

(Deemed to be University)
Dehradun

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

Suresh K. Govind is awarded the degree

of Doctor of Philosophy in Forestry *Wildlife Science*

on 28-09-2015 on his/her thesis entitled

Studies on human-wildlife conflict in central

Kerala, India

देहरादून
Dehradun

Date 17.8.2016

निदेशक
Director



Serial No.50967



THE GANDHIGRAM RURAL INSTITUTE

(Deemed to be University)

Estd. u/s 3 of the UGC Act and Administered by Ministry of Human Resource Development, Govt. of India
Accredited by NAAC with 'A' Grade (3rd Cycle)

*On the recommendation of the Board of Management
hereby confers on*

JOY.V.K

*[Son of KUNJUVAREED and
KATHREENA]*

the degree of

DOCTOR OF PHILOSOPHY



*for having completed the prescribed programme of study
and*

Presented the thesis titled

**INTERVENTION STRATEGIES FOR HIV/AIDS INFECTED WOMEN IN KERALA:
AN APPRAISAL OF MODELS OF SOCIAL INCLUSION AND SOCIAL CAPITAL**

Given this day the Thirteenth of September 2019

Given under the Seal of the Institute



Gandhigram - 624 302

Tamil Nadu

Date: 13.09.2019

[Signature]
Controller of Examinations

[Signature]
V. P. [Signature]
Registrar

[Signature]
Vice-Chancellor