



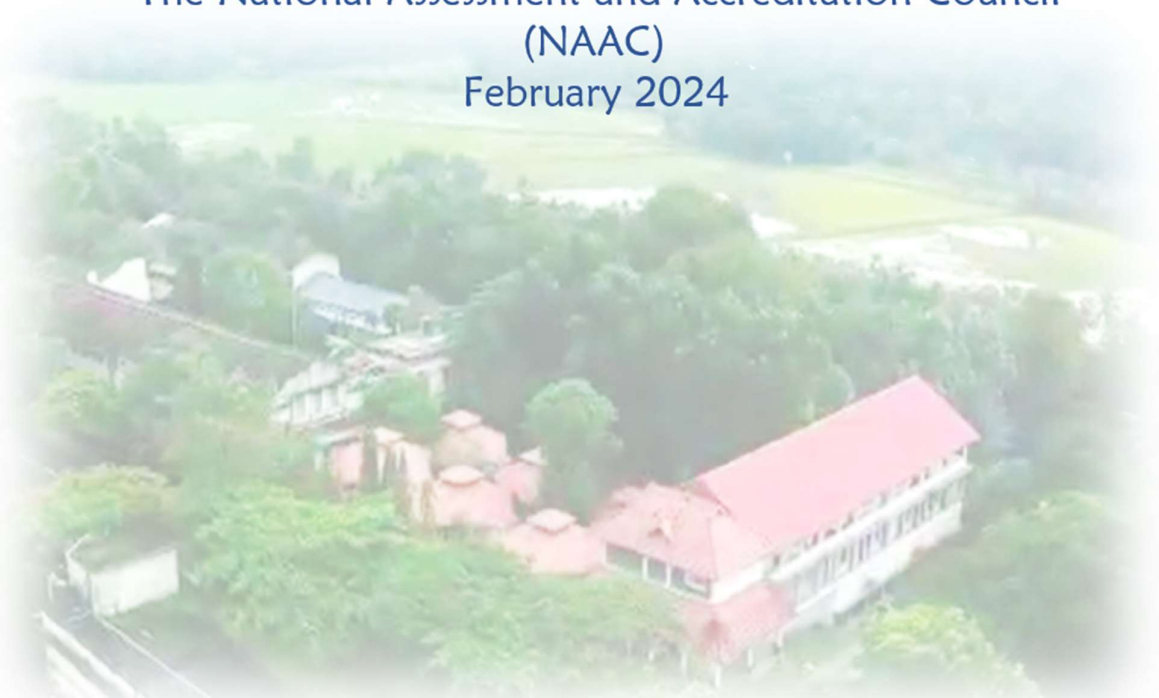
**DEVASWOM BOARD COLLEGE**  
**THALAYOLAPARAMBU**  
(Affiliated to Mahatma Gandhi University, Kottayam)

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**CRITERION II**  
*Teaching Learning and Evaluation*

---

*Submitted to*  
The National Assessment and Accreditation Council  
(NAAC)  
February 2024



Midayikunnu P.O.Thalayolaparambu, Kottayam, Kerala - 686605

## **2.4.2**

### ***PhD certificates***

No.: A/14 00380

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**JICY N**

*the degree of*

*Doctor of Philosophy*

*in the year 2018*

*Based on the thesis entitled:*

**CONNECTIVITY PARAMETERS AND TOPOLOGICAL INDICES IN  
WEIGHTED GRAPH STRUCTURES**

*Given at the National Institute of Technology Calicut*

*on 29<sup>th</sup> September, 2018*

  
Registrar

  
Director

  
Chairperson  
Board of Governors



## FACULTY OF SCIENCE

*The Syndicate of Kannur University hereby makes known that*

**APARNA MOHAN**

*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 : Chemistry*

*Title of the Thesis : 'Studies on quadrivalent ion based composite exchangers and their analytical applications'*

*Given under the seal of the University.*

*Date of Award : 29/10/2021*



Kannur University  
13 July 2022

Date .....

**No. 0222119**

A handwritten signature in black ink, which appears to be 'Phosphine', written over a horizontal line.

VICE-CHANCELLOR

**Cochin University of Science and Technology**  
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



*Register Number : 4205*

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

**ASWATHY G**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF SCIENCE**

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

*Title of the thesis :*

**"Nickel Ion Doped Methylene Blue Sensitized Photopolymer For Holographic  
Applications"**

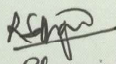
*This award is effective from 14 December, 2018.*

*Given under the seal of the University this day, 14 January, 2019.*



Kochi - 682 022  
Kerala, India.

SI No: 0109861

  
Vice - Chancellor



## FACULTY OF ORIENTAL STUDIES

*The Senate of the University of Kerala hereby makes known that **Deepa Kumari** 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 **Hindi***

*Title of the Thesis **Hindi Ki Chayavadi Kavita mein Shakti  
Bhavana***

*Date of Award: **07/08/2010***

*Given under the seal of the University*

*University Buildings*

*Thiruvananthapuram February 25, 2011*



*Jayadamba*  
Vice Chancellor



**FACULTY OF LANGUAGE AND LITERATURE**

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

**Abdusammed.K.T.**

has been admitted to

the Degree of

*Doctor of Philosophy*

in

*Malayalam*

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 **15/10/2020**



No. 0897771

**Cochin University of Science and Technology**  
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 3964

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

**GANESHCHANDRA PRABHU V**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF SCIENCE**

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

*Title of the thesis :*

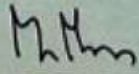
**"Magnetic and photocatalytic studies of electrically conducting Ni/NiO  
nanocomposites in carbon matrix"**

*This award is effective from 17 May, 2019.*

*Given under the seal of the University this day, 11 June, 2019.*

Kochi-682 022  
Kerala, India.

SI No: 0109928

  
Vice - Chancellor





EFLU 01365

# The English and Foreign Languages University

(A Central University Established by an Act of Parliament)

Hyderabad 500 007, India



RK  
Controller of Examinations



*This is to certify that*

***Ms. Malini Murali***

*daughter of Mr. P K Murali having completed the course of study prescribed by the University and having fulfilled the stipulated requirements by examination and by thesis is hereby awarded the degree of*

***Doctor of Philosophy***

***Indian and World Literatures***

RK

Controller of Examinations

T. Ramani

Registrar

Amma

Vice Chancellor

Date of Award: 06-06-2020

# Cochin University of Science and Technology



## FACULTY OF SCIENCE

*The Academic Council of the Cochin University of Science and Technology hereby makes known that Remalakshmy Poduval 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 26<sup>th</sup> September 2007.*

*University Buildings  
Kochi - 682 022*



*L  
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. REMYA G.**

*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.*

*Title of the Thesis : ഭാവുകത്വ പരിണാമം കെ.ജി. ശങ്കരപ്പിള്ളയുടെ കവിതകളിൽ*

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D. : 03-07-2019

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

Dated : 6-February-2020



*Vice-Chancellor*



**FACULTY OF SCIENCE**

*The Senate of the University of Kerala hereby makes known that **Sandhya V. Satheesh** 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 **Chemistry***

*Title of the Thesis **Design and Synthesis of Hetero cyclic Antioxidants***

*Date of Syndicate Decision: 14/05/2012*

*Given under the seal of the University*

University Buildings

Thiruvananthapuram December 19, 2012



*Amthant*  
Vice Chancellor

0272938

**COPY**

# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg C1/B5/Law, dated 17th April 1985)



**FACULTY OF LANGUAGE AND LITERATURE**

*The Syndicate of the Mahatma Gandhi University*

*hereby makes known that*

**Smt. RENU**

*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.*

*Title of the Thesis :* ഭരണാധികാര വ്യവസ്ഥയും സ്ത്രീ പ്രതിനിധാനവും മലയാള നോവലുകളെ മുൻനിർത്തിയുള്ള അന്വേഷണം

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D. : 20-09-2019

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

Dated : 6-February-2020



*Vice-Chancellor*

Register No. X ——— X

&  
Year 2015



# Sree Sankaracharya University of Sanskrit

KALADY, KERALA

FACULTY OF INDIAN LANGUAGES.....

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

.....**SOUMIA DASAN**.....

*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 Malayalam.....*

*Title of the Thesis Samosha Parinamavum Swathwa.....*

*Parinamavum Keralaeya Streekalude Athmakathakalil.....*

*Given under the seal of the University.*

Kalady

.....04-03-2016.....



*Mudhi*  
Vice-Chancellor

# Anna University



Reg.No.1425719130/RG2

*The Syndicate of the Anna University hereby makes known that SUMITHRA SIVADAS MENON 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:*

**INVESTIGATIONS ON DEVELOPMENT OF ZnO BASED OXYNITRIDES FOR PHOTOCATALYTIC APPLICATIONS**

*Given under the seal of the University*



Chennai 600025  
India  
December 2018

Controller of Examinations

Registrar

Vice-Chancellor



## FACULTY OF SOCIAL SCIENCES

*The Senate of the University of Kerala hereby makes known that **Sumesh N.** 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* **Political Science**

*Title of the Thesis* **Dalit Politics in Kerala : State, Class and Identity**

*Date of Syndicate Decision:* **30/04/2019**

*Given under the seal of the University*



*University Buildings*

*Thiruvananthapuram* **October 04, 2019**



  
Vice Chancellor

0589517





FACULTY OF SCIENCE

The Senate of the University of Kerala hereby makes known that *Arathy, M.S.* 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 *Botany*

Title of the Thesis *Biogeochemical studies of Waterlocked Ecosystems in Thiruvananthapuram District - Kerala - India*

Given under the seal of the University

Date of Syndicate Decision: 15/07/2005

077137

University Buildings

Thiruvananthapuram March 22, 2006

  
Vice-Chancellor

Centre Code : 14

Reg.No. 29710-2010-COM



Code no. P117725 : 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 ஜூன் 2022  
ஆம் ஆண்டு ஜெயஸ்ரீ எஸ் கே என்பவர்  
வணிகவியல் பாடத்தில் முனைவர்  
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்  
சான்றளித்தபடி முனைவர் பட்டத்தை அவருக்குப்  
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes  
known that **JAYASREE S K** 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 **JUNE 2022.**

Mode of Study: PART TIME

Place of Study: A. VEERIYA VANDAYAR MEMORIAL SRI PUSHPAM COLLEGE(Autonomous), POONDI.

"Ph.D. Degree has been awarded in accordance with the Minimum Standards and  
Procedure of the Regulations of the University Grants Commission 2016".

**Title of the Thesis**

"ROLE OF KERALA STATE FINANCIAL ENTERPRISES LIMITED IN THE  
DEVELOPMENT OF KERALA ECONOMY"



Given under the seal of the University.



திருச்சிராப்பள்ளி  
Tiruchirappalli

*Am*  
பதிவாளர் Registrar

*Msc*  
துணைவேந்தர் Vice - Chancellor

Q 081320

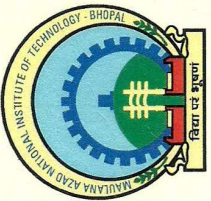
நாள்: 02nd January 2024

Date :

02-01-2024

ISSUED ON :





# मौलाना आजाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल

मध्य प्रदेश, भारत

अभिषद् की अनुशंसा पर

लजना पी विजयन

Scholar No. 073105106

को  
भौतिक शास्त्र

“सर्फेस चार्ज, टीएसडीसी एण्ड रिलेटेड स्टडीज ऑफ बायो-मेग्नेटो-इलेक्ट्रेट्स ऑफ एमीनो एसिड्स”  
इनके शोध कार्य हेतु

डॉक्टर ऑफ फिलॉसफी

की उपाधि उनके द्वारा इस उपाधि की अवाप्ती हेतु विनियम विहित अहर्ताओं को  
सफलतापूर्वक वर्ष मई 2012 में पूर्ण करने पर एतद् द्वारा प्रदान करता है।  
भारतीय गणराज्य के अंतर्गत भोपाल में आज दिनांक 8 अक्टूबर 2012 को संस्थान की मुद्रा सहित दी गई।

**MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL**

Madhya Pradesh, India

Upon recommendation of the Senate, hereby confers the degree of

**Doctor of Philosophy**

in

**PHYSICS**

on

**LAJNA P VIJAYAN**

for his/her research work entitled

“**Surface Charge, TSDC and Related Studies of Bio-Magneto-Electrets of Amino Acids**”

who has successfully completed the requirements prescribed under the regulations

for the award of this Degree in **May 2012**.

Given this day, the **28<sup>th</sup> October 2012** under the seal of the Institute at Bhopal in the Republic of India.

निदेशक एवं अध्यक्ष, अभिषद्  
Director & Chairman, Senate



अध्यक्ष, शासी निकाय  
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 LANGUAGE AND LITERATURE

*The Syndicate of the Mahatma Gandhi University*

*hereby makes known that*

**Smt. MANJU V**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

**MALAYALAM**

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

*Title of the Thesis : തിരുവാതിരക്കളി - സംസ്കാരവും കലയും*

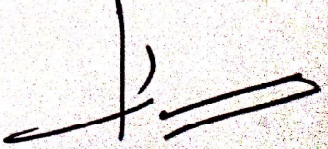
*Given under the seal of the University*

Date of Syndicate Decision:16-06-2016

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

Dated : 27-September-2016



  
Vice-Chancellor



அறிவியல் புலம்  
FACULTY OF SCIENCE

2019

ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு பேபி ஸ்மிதா கே எம்  
என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

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

*The Senate of the University of Madras hereby makes known that  
BABY SMITHA K M has been conferred the*

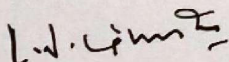
## DEGREE OF DOCTOR OF PHILOSOPHY

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

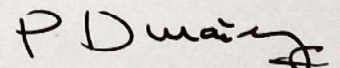
*Given under the seal of the University of Madras, at Chennai this  
19<sup>th</sup> day of November 2019*

*Title of the Thesis :* "A STUDY ON DISTANCE TWO LABELING AND RADIO  
MEAN LABELING OF CERTAIN CLASSES OF GRAPHS"  
ஆய்வுத் தலைப்பு : (Mathematics)

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

# वनस्थली विद्यापीठ

विद्यापीठ द्वारा निर्धारित  
सभी अर्हताएं पूरी करने पर

श्रुति आशा बेबी को

डॉक्टर ऑफ़ फ़िलॉसॉफ़ि  
गणित विज्ञान

की उपाधि में आज के दिन दीक्षित किया गया।  
प्रमाण स्वरूप विद्यापीठ की मुद्रा एवं कुलपति के  
हस्ताक्षर अंकित किये जाते हैं।

Enrolment No.  
2013/1467



## BANASTHALI VIDYAPITH

On having fulfilled the requirements  
laid down by the Vidyapith.

*Sruthy Asha Baby* has been

admitted this day to the degree of

**DOCTOR OF PHILOSOPHY**

**MATHEMATICAL SCIENCE**

In token whereof are inscribed the seal of the Vidyapith  
and the signature of the Vice-Chancellor.



तारीख  
Date 7 January, 2018

कुलपति  
Vice-Chancellor

Attested & Verified



Controller of Examination  
Banasthali Vidyapith

13 JUN 2020

Reg.No. { .....  
&  
Year { 2009



**Sree Sankaracharya University of Sanskrit**  
KALADY, KERALA

FACULTY OF..... *Sanskrit Literature*

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

*Vijay Kumar. M*

*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.....* *Sanskrit Sahitya*

*Title of the Thesis.....* *Bhagavata Tradition in Kerala -  
A Hermeneutical Approach*

*Given under the seal of the University.*

Kalady

16-7-2010



*[Signature]*  
Vice-Chancellor



കർമ്മണി വ്യജ്യന്തേ പ്രജാ  
കേരള സർവകലാശാല

### FACULTY OF ARTS

The Senate of the University of Kerala hereby makes known that *Anitha, 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 English*

*Title of the Thesis The Poetry of W.B. Yeats : An approach based on the Indian Theory of Dhvani*

Date of Syndicate Decision: 01/06/2006

Given under the seal of the University

University Buildings  
Thiruvananthapuram July 04, 2007



Vice Chancellor

COPY



# 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 ಸಿಂಡಿಕೇಟನ ಸದಸ್ಯರಾದ ನಾವು

**NISHA A**

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

**DOCTOR OF PHILOSOPHY**

**in**

**BIOTECHNOLOGY**

**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


10-04-2011

Mysore/ಮೈಸೂರು

Sl.No./ಕ್ರಮ ಸಂಖ್ಯೆ N<sup>o</sup>

188

  
Vice-Chancellor  
ಕುಲಪತಿ

Verified by : 1) Superintendent.....

2) Officer.....

Date of Issue :



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்  
Manonmaniam Sundaranar University



கலையியற் புலம்

FACULTY OF ARTS



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

அபர்ணா எஸ் குமார்

மலையாளம் பாடப்பிரிவில்

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

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

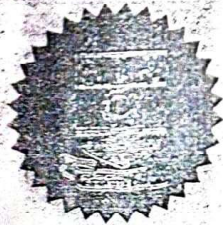
The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**

thereby makes known that **APARNA S.KUMAR**

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 **OCTOBER 2018**

Given under the seal of the University.



(Dr. A. Suruliandi)

(Dr. S. Santhosh Baboo)

(Dr. K. Pitchumani)

नामांक 02/01450  
Enrolment No.

# जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि

(कुमासी) दीपा एच. नायर

पुत्र/पुत्री श्रीमती सरस्वति

एवं श्री हरिदास टि. एस.

ने इस विश्वविद्यालय से 2009 में

## डॉक्टर ऑफ फिलॉसॉफी

गणित

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था

DISTRIBUTION SPACES AND THEIR  
APPLICATIONS TO INTEGRAL TRANSFORMS,  
INTEGRAL EQUATIONS AND WAVELET TRANSFORM

## JAI NARAIN VYAS UNIVERSITY JODHPUR

(ERSTWHILE UNIVERSITY OF JODHPUR)

This is to certify that

(MISS) DEEPA H. NAIR

Son/Daughter of Smt. SARASWATHY

and Shri. HARIDAS T. S.

obtained the degree of

### DOCTOR OF PHILOSOPHY

MATHEMATICS

of this University in 2009

The topic of his/her research was

DISTRIBUTION SPACES AND THEIR  
APPLICATIONS TO INTEGRAL TRANSFORMS  
INTEGRAL EQUATIONS AND WAVELET TRANSFORM

  
Vice-Chancellor

वाइस-चान्सलर

Conferred by Senate on .....



Order No: 6431



### FACULTY OF ORIENTAL STUDIES

The Senate of the University of Kerala hereby makes known that **Archana V.S.** 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 **Malayalam**

Title of the Thesis ഏഴാച്ചേരിക്കവിതകളിലെ ആധുനികപ്രവണതകൾ - പ്രമേയം, ബിംബകല്പന എന്നിവയെ മുൻനിർത്തി ഒരു പഠനം

Date of Syndicate Decision: 01/10/2020

Given under the seal of the University

University Buildings

Thiruvananthapuram February 20, 2021

0633747



Handwritten signature and stamp of the Vice-Chancellor, including the name 'ഡോ. ആർ. അനീത' (Dr. Archana) and the title 'വൈസ് ചാൻസലർ' (Vice-Chancellor).

Handwritten signature of the 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* Deepa. C.S.  
*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* 30<sup>th</sup> September 2003 *x9*

*University Buildings  
Kochi - 682 022*



*N. Chandrasekhar*  
*Vice-Chancellor.*

BE IT KNOWN THAT THE TRUSTEES OF

# **Purdue University**

UPON NOMINATION OF THE FACULTY  
HAVE GRANTED TO

**HARI NARAYANAN GOKULANATHAN NAIR**

THE DEGREE OF

**DOCTOR OF PHILOSOPHY**

IN RECOGNITION OF THE FULFILLMENT OF THE  
REQUIREMENTS OF THAT DEGREE  
AWARDED FOR STUDY AT WEST LAFAYETTE IN THE STATE OF INDIANA  
MAY 7, 2011.

*Keith J. French*  
CHAIRMAN OF THE TRUSTEES



*Lucy A. Gibson*  
PRESIDENT OF THE UNIVERSITY



होमी भाभा राष्ट्रीय संस्थान  
*Homi Bhabha National Institute*



होमी भाभा राष्ट्रीय संस्थान  
एतद्वारा

डॉक्टर ऑफ फिलोसॉफी  
की उपाधि

आनवी मोली टोम  
(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: Attractive interactions in similarly charged polyelectrolytes*

परिणाम के अनुमोदन की तारीख Date of approval of result : May 30, 2019

*Donangdehu*

अध्यक्ष, विद्या परिषद् Chairman, Academic Council

Enrolment No. PHYS10201205011

Homi Bhabha National Institute  
hereby confers the degree of

*Doctor of Philosophy*

On  
**Anvy Moly Tom**  
in  
Physics  
(The Institute of Mathematical Sciences)

the student having been found duly qualified for  
the same. This is in recognition of the research  
work leading to following thesis.

अध्यक्ष, प्रबंधन परिषद् Chairman, Council of Management

Result Notified in: May, 2019

HBNIT is a University established under Section 3 of the UGC Act, 1956 vide Notification No. F9-52004-U3, dated 3rd June, 2005 of Government of India.  
Regl. Office: Training School Complex, Anushaktinagar, Mumbai-400 094





**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)

**उच्च शिक्षा और शोध संस्थान**  
**POST GRADUATE AND RESEARCH INSTITUTE**

(नेक द्वारा प्रत्यायित B+ श्रेणी/Accredited with B+ grade by NAAC)

पंजीकरण सं./Reg. No.

ER/Ph.D(H)/12/2014

की  
शासी परिषद् की अनुशंसा पर

शालिनी पी

को

**डॉक्टर आफ़ फ़िलासफ़ी**

हिंदी

की उपाधि

चार जनवरी 2021 को

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

**On the recommendation of the Shasi Parishad**

*the degree of*

**DOCTOR OF PHILOSOPHY**

**in HINDI**

*has been conferred to*

**SHALINI P**

Fourth January 2021

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

उक्त उपाधि हेतु प्रस्तुत शोध प्रबंध

Title of thesis submitted for the degree

स्वातंत्रयोत्तर कहानियों में बालमनोविज्ञान

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

  
कुलसचिव  
Registrar

  
कुलाधिपति  
Chancellor

दिनांक / Dated 10 MAR 2022



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/05/2010

(विश्वविद्यालय विभाग)

(University Wing)

की

शासी परिषद् की अनुशंसा पर

हाजिरा रिन्सा के एम

को

**डॉक्टर आफ़ फ़िलासफ़ी**

हिंदी

की उपाधि

अक्टूबर 2016 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*

**HAJIRA RINZA K M**

On Twenty Eighth, February 2016

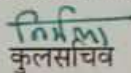
*In testimony whereof are set the seal of the said Sabha and the signatures of the said Chancellor and the Registrar.*

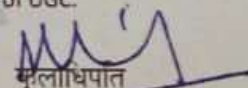
उक्त उपाधि हेतु प्रस्तुत शोध प्रबंध

Title of thesis submitted for the degree

डॉ. रही मामूम रजा के उपन्यासों का विश्लेषणात्मक अध्ययन

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

  
कुलसचिव  
Registrar

  
कुलाधिपति  
Chancellor

दिनांक/Dated: 28 FEB 2016



# 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 SOCIAL SCIENCES

*The Syndicate of the Mahatma Gandhi University*

*hereby makes known that*

**Smt. SAJITHA D 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.*

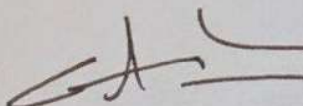
*Title of the Thesis :* **CASTE AND POLITICS IN MODERN KERALA-A HISTORICAL STUDY**

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 22-08-2022

Dated : 17-October-2023



  
Vice-Chancellor

नामाङ्कनसंख्या  
Enrolment No. vv/6165/13



वि.वा.अनुक्रमाङ्कःसंख्या  
V.V.Roll No. 16-1616

0713

# राष्ट्रीय-संस्कृत-संस्थानम्, नवदेहली

(मानितविश्वविद्यालयः)

(भारतशासनस्य मानव-संसाधन-विकास-मन्त्रालयेन संस्थापितम्)

**RASHTRIYA SANSKRIT SANSTHAN, NEW DELHI**

(DEEMED UNIVERSITY)

(Established under the Ministry of Human Resource Development, Govt. of India)

अस्थायि-प्रमाणपत्रम्- PROVISIONAL CERTIFICATE

**विद्यावारिधिः**  
(पी-एच.डी.)

श्री/कुमारी/श्रीमती/ षेरिन्. पि. एस्

श्री पि. के. शङ्करनारायणन्

इतिनाम्नः पुत्रः/पुत्री/पत्नी

डा. पि. के. नारायणपिल्लविरचितस्य विश्वभानुमहाकाव्यस्य डा. गणेशदत्तशर्माविरचितस्य

इति विषये

विवेकानन्दचरितामृतमहाकाव्यस्य च तुलनात्मकमध्ययनम्

साहित्य-

शास्त्रे स्वीकृतशोधप्रबन्धस्य

कृते

2020

तमे वत्सरे संस्थानस्यास्य विद्यावारिधिरित्युपाधिमलभत इति प्रमाणीक्रियते।

**VIDYA-VARIDHI**  
( Ph.D.)

*Certified that Shri/Kumari/Shrimati* SHERIN. P. S

*son/daughter/wife of Shri* P. K. SANKARANARAYANAN

*was awarded the*

*degree of Vidyavaridhi ( Ph.D. ) of the Sansthan in the year* 2020

*The topic of the thesis was*

A COMPARATIVE STUDY OF VISWBHANU OF DR. P. K. NARAYENPILLAI AND  
VIVEKANANDACHARITAMRITA OF DR. GANESH DUTT SHARMA

*in the subject.* SAHITYA

*Shweta*  
Asstt.

*Sf*  
Checked by

नवदेहली/ New Delhi  
दिनाङ्कः/ Date 20/03/2020

*Shweta*  
परीक्षानियंत्रकः  
Controller of Examination

राष्ट्रीय संस्कृत संस्थान

मानित विश्वविद्यालय

(मानव ससाधन विकास मंत्रालय, भारत सरकार के तत्वाधान में संवर्धित)  
56-57, इन्स्टीट्यूशनल एरिया, जनकपुरी, नई दिल्ली-110058



RASHTRIYA SANSKRIT SANSTHAN  
DEEMED UNIVERSITY

(Established under the Auspices of the Ministry of Human  
Resource Development, Govt. of India)

56-57, Institutional Area, Janakpuri, New Delhi-110058

क्रमांक

No. RSKS/EXAM./UGC/(C)/H-16/1-1/ 16-1616 /2020/

Accredited by NAAC with 'A' Grade

दिनांक

20/03/2020  
Date.....

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr./Ms.

**SHERIN. P. S**

Son/Daughter/Wife of Shri

**P. K. SANKARANARAYANAN**

was awarded Vidya-Varidhi (Ph.D.) degree in the subject of

**SAHITYA**

enrolment No.

**VV/6165/13**

by this University in the Year

**2020**

for his/her thesis titled-

डा. पि. के. नारायणपिल्लविरचितस्य विश्वभानुमहाकाव्यस्य डा. गणेशदत्तशर्माविरचितस्य  
विवेकानन्दचरितामृतमहाकाव्यस्य च तुलनात्मकमध्ययनम्

It is also to certify that registration, submission and evaluation of the thesis and award of the Vidya-Varidhi (Ph.D.) degree was done as per the UGC rules and regulation 2009 & 2016.

*Ishwar Bhat*

[Prof. Ishwar Bhat]

Controller of Examinations

(VC) TEL.: 28523949 FAX : 011-28521948 (REGISTRAR) TEL.: 28520979 FAX: 28520976

E-PABX : 011-28520977, 28521994, 28524993,95 TELEFAX : 28524532 (ADMN.) 28521258 (EXAM.) 28524387 (N.F.S.E.)

Gram : 'SAMSTHAN' e-mail : [rsks@nda.vsnl.net.in](mailto:rsks@nda.vsnl.net.in) Website : [www.sanskrit.nic.in](http://www.sanskrit.nic.in)

# Mahatma Gandhi University



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

*Ambika K.*

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: *Studies on Stability  
Synchronisation and Scaling Behaviour  
in Coupled non-linear Systems*

Given under the seal of the University

Date of Syndicate Decision: *20.10.2009*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *20 NOVEMBER 2009*



*[Signature]*  
Vice Chancellor

# Mahatma Gandhi University



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

*Ambika. A. Nair*

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: *വർഗ്ഗവ്യത്യാസം നോവലുകളിലെ സമൂഹം  
ഒരു പഠനം*

Given under the seal of the University

Date of Syndicate Decision: *30.11.2006*

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *5 February 2007*



Vice Chancellor

# Mahatma Gandhi University



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

The Syndicate of the Mahatma Gandhi University

hereby makes known that

**Jayapal R.**.....

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: **Modelling of the Earth's Magnetic  
Field observed from various locations in  
India and a study of some plasma wave  
instabilities in multi-ion plasmas**.....

Given under the seal of the University

Date of Syndicate Decision: **7.08.2013**



MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: **19 October 2013**

  
Vice Chancellor

*M. N. Kadhavath*  
for Principal  
Deans & Deans Office  
Discipline Board College  
Thalayolaparamba





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

## FACULTY OF LANGUAGE AND LITERATURE

*The Syndicate of the Mahatma Gandhi University*

*hereby makes known that*

**Smt. MANJUSHA E.S.**

*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.*

*Title of the Thesis :* കഥയും കർത്തൃത്വവും തത്സമീപ നസ്സീന്റെ കൃതികളെ ആധാരമാക്കിയുള്ള അന്വേഷണം

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 02-09-2019

Dated : 28-September-2020



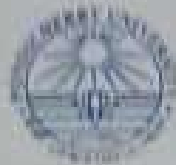
*Vice-Chancellor*

Serial No. : C25/16/43278

Register No. : PHD-1147



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*

**MARIA LISA MATHEW**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in English for the thesis entitled "English Language Reading Anxiety: The Effect of Semantic Mapping Strategy on Secondary School ESL Learners of Puducherry" in February 2017.*

*Given under the Seal of the University*



*[Signature]*  
Registrar

Puducherry  
Date 29 JUL 2017

*[Signature]*  
Vice-Chancellor



# INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH THIRUVANANTHAPURAM

The Board of Governors upon recommendation of the Senate

has conferred on


ROHINI K

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

A faint watermark of the IISER logo is visible in the background of the lower right section of the page.

  
Registrar

  
Chairperson, Senate

  
Chairperson, Board of Governors

**Cochin University of Science and Technology**  
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 3991

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

**SAUMYA T S**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF SCIENCE**

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

*Title of the thesis :*

**"INVESTIGATIONS ON THE PHOTOCHEMISTRY AND PHOTOPHYSICS OF A FEW  
ENONE APPENDED DIBENZOBARRELENES"**

*This award is effective from 09 March, 2018.*

*Given under the seal of the University this day, 28 March, 2018.*

Kochi - 682 022  
Kerala, India.

SI No: 0095601

*2/2/18*  
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. SMRITHI S. BABU**

*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.*

*Title of the Thesis :* "ലൈംഗികതയുടെ ആവിഷ്കാരം ഭരതൻ സിനിമകളിൽ (അനുവർത്തനങ്ങളെ ആസ്പദമാക്കി ഒരു പഠനം)"

*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 13-08-2019

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



*Vice-Chancellor*

Dated : 2-July-2020

Enrollment No.  
16SRU/S1002



Registration No.  
SRU/Ph.D/June/2016/0005

# सनराईज विश्वविद्यालय, अलवर SunRise University, Alwar



Tehsil Ramgarh, District - Alwar (Rajasthan), INDIA

**विद्या - वाचस्पति**

( सकाय Arts : English )

सनराईज विश्वविद्यालय की एकेडेमिक काउंसिल द्वारा यह प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती **Anupama Venugopal** ने सनराईज विश्वविद्यालय से शोधप्रबन्ध अनुमोदन उपरान्त विद्या वाचस्पति की उपाधि प्राप्त की।

शोधप्रबन्ध का विषय

**“The Supremacy for Power and the Quest For Self: A Critique of Gandhari, Kunti and Draupadi in the Mahabharata”**

**Doctor of Philosophy**

(Faculty of Arts : English)

This is to certify by the Academic Council of SunRise University that

Mr./Ms./Smt. **Anupama Venugopal**

obtained the Degree of **Doctor of Philosophy** after approval of the thesis.

Title of Thesis

**“The Supremacy for Power and the Quest For Self: A Critique of Gandhari, Kunti and Draupadi in the Mahabharata”**

Awarded under the seal & Signature of the SunRise University in the year 2019

Registrar



President

**Cochin University of Science and Technology**  
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



*Register Number : 4319*

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

**LIGI M L**

*is admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*under the*

**FACULTY OF SCIENCE**

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

*Title of the thesis :*

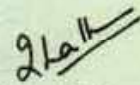
**"DESIGN, SYNTHESIS AND EVALUATION OF NOVEL BLUE LIGHT EMITTING  
SEGMENTED PPV-LIKE ORGANIC MATERIALS FOR OPTOELECTRONIC  
APPLICATIONS AND RELATED STUDIES"**

*This award is effective from 30 April, 2018.*

*Given under the seal of the University this day, 04 June, 2018.*

Kochi -682 022  
Kerala, India.

SI No: 0095629

  
Vice - Chancellor

# Mahatma Gandhi University



FACULTY of **Commerce**.....

The Syndicate of the Mahatma Gandhi University

hereby makes known that

**Kala V.**

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY**

in **Commerce**.....

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

Title of the Thesis: **A study on the human resource  
management of the sick public sector units  
under the department of industries in  
Kerala State.**

Given under the seal of the University

Date of Syndicate Decision: **07.08.2013**



MAHATMA GANDHI UNIVERSITY  
PRAJAPARSHINI HILLS  
KOTTAYAM - KERALA

Date: **9 September 2013**



  
Vice Chancellor

**M. N. Kadhalush**  
For Principal  
Drawing & Disbursing Officer  
Devaswom Board College  
Thalayolaparamb



# Mahatma Gandhi University



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

**Lalimol S.**

*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:.....*  
**ചിന്താപരമ്പരകളിലെ**

*Given under the seal of the University*  
Date of Syndicate Decision: **15.02.2014**

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: **21 March 2014**



  
Vice Chancellor

# State University of New York at Buffalo

Upon the recommendation of the faculty of the State University  
of New York at Buffalo, the Trustees of the State University of New York  
have conferred on

**Jimin George**

the degree of

**Doctor of Philosophy**  
**Physics**

with all the rights, privileges, honors, and responsibilities thereto appertaining,  
and as evidence thereof have granted this diploma in Buffalo, New York on the  
first day of September, in the year two thousand and fifteen.

**F. Carl McCall**  
Chairman of the Board of Trustees of the  
State University of New York

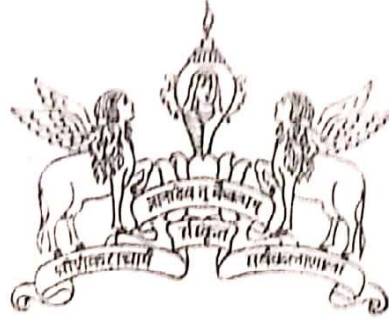
*[Signature]*  
Chairman of the Council of the  
State University of New York at Buffalo



*[Signature]*  
Chancellor  
State University of New York

*[Signature]*  
President of the State University  
of New York at Buffalo

Reg No. | .....  
# | .....  
Year | 2012



# Sree Sankaracharya University of Sanskrit

KALADY, KERALA

FACULTY OF Indian Metaphysics

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

Anjaly. B

*has been admitted to the*

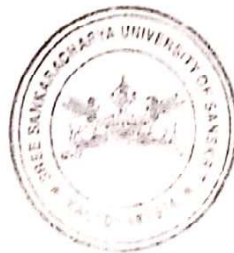
*Degree of Doctor of Philosophy*

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

*Subject* Sanskrit Vedanta

*Title of the Thesis* 'Philosophy of Sri Narayana Guru  
and Sri Cattampi Svamikal - A comparative Study'

*Given under the seat of the University*



Kalady  
02<sup>nd</sup> Sept. 2013.

*M. D. D.*  
Vice-Chancellor

# Mahatma Gandhi University



FACULTY of *Commerce*.....

The Syndicate of the Mahatma Gandhi University  
hereby makes known that

*Beena S.*

has been admitted to the Degree of

## DOCTOR OF PHILOSOPHY

in *Commerce*.....

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

Title of the Thesis: *Empowerment of Women in  
the Informal Sector in Kerala:  
A Study with Special Reference to  
Kudumbashree Project*

Given under the seal of the University

Date of Syndicate Decision: *6.4.2013*



*2*



# Sree Sankaracharya University of Sanskrit

KALADY, KERALA

FACULTY OF...*Indian...Languages.*

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

.....*Maya P. Nair*.....

*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*.....*Hindi*.....

*Title of the Thesis*.....*Bharath bhoo shan Ugarwal ka kavya*  
.....*Amtharvasthan Aur Abhivyanjana Paksh*.....

*Given under the seal of the University.*



Kalady

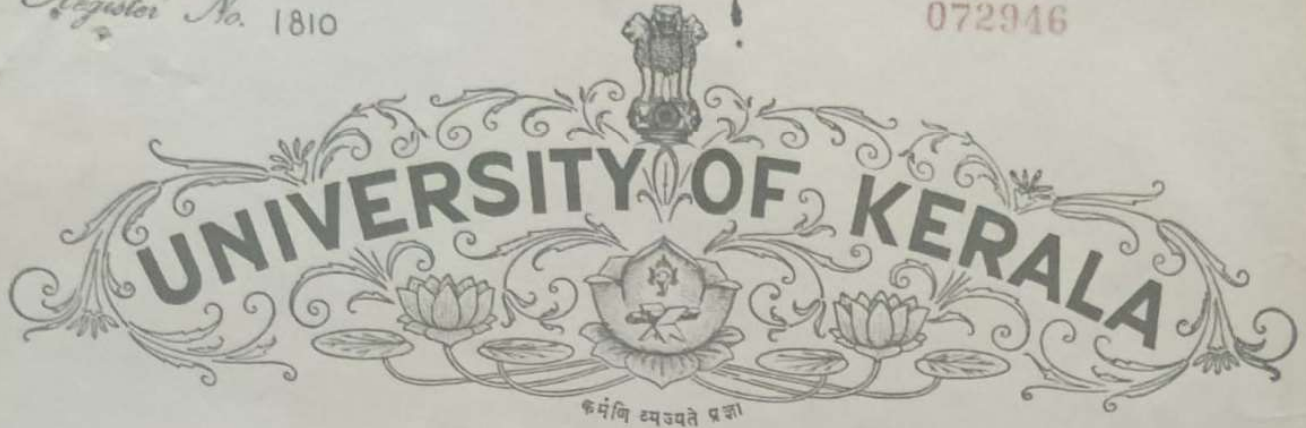
06-08-2003

*[Signature]*  
Vice-Chancellor

Date of Syndicate Decision 13/28.3.1995

Register No. 1810

072946



**FACULTY OF ORIENTAL STUDIES**

The Senate of the University of Kerala hereby makes known that  
.....  
Sharika, V. R. .... 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 ..... Hindi

Title of the Thesis " A Comparative Study Of The Impact Of  
freedom Movement on Hindi and Malayalam Poetry

Given under the seal of the University.



University Buildings,

Thiruvananthapuram, June 19, 1995.

*Milamitram*  
Vice-Chancellor



**FACULTY OF ORIENTAL STUDIES**

*The Senate of the University of Kerala hereby makes known that **Aparna U. Nair** 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 **Hindi***

*Title of the Thesis **HINDI AUR MALAYALAM MEIN AGAT  
SAMSROTIY SHABDAVALI : BHASHA VAIGYANIK VISHLESHAN***

*Date of Award: 26/12/2017*

*Given under the seal of the University*

*University Buildings*

*Thiruvananthapuram June 22, 2018*



*Phomin*

*Vice Chancellor*

ಮಂಗಳೂರು  
MANGALORE



ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
UNIVERSITY

Accredited by NAAC with 'A' Grade

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು,  
ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರುಗಳಾದ ನಾವು

ಶಿಹಾಬ್ ಇಸ್ಮಾಯಿಲ್

ಅವರು 2020 ನೆಯ ವರ್ಷದ ಜನವರಿ ತಿಂಗಳಿನಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ  
2020 ರ ಫೆಬ್ರವರಿ ತಿಂಗಳ ಇಪ್ಪತ್ತೇಳನೆಯ ದಿನದಂದು ನಡೆದ 38ನೆಯ ಘಟಕೋತ್ಸವದಲ್ಲಿ  
ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯದ ಜೀವವಿಜ್ಞಾನ  
ಅಧ್ಯಯನ ಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

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

**Shihab Ismail**

*has been admitted to the Degree of  
DOCTOR OF PHILOSOPHY*

*at the 38<sup>th</sup> Convocation held on the 27<sup>th</sup> day of February 2020 on being duly  
certified to have qualified for the same in the month of January 2020  
for the thesis / ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ :*

**"GENETIC STOCK STRUCTURE ANALYSIS OF A MARINE HERMAPHRODITIC FISH,  
ELEUTHERONEMA TETRADACTYLUM (SHAW, 1804) FROM INDIAN WATERS"**

*in the Faculty of Science and Technology under the Board of Studies in  
Biosciences*

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.

*Given Under the Seal of the University.*

ಮಂಗಳಗಂಗೋತ್ರಿ, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ  
MANGALAGANGOTRI, Karnataka State, INDIA  
27.02.2020

ರಿಜಿಸ್ಟರ್ ನಂ. Reg. No. ....

ಕ್ರಮ ಸಂಖ್ಯೆ : Sl. No. : 0052 /2020

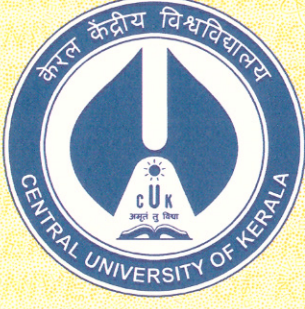


*[Signature]*  
BOZS  
VICE CHANCELLOR



क्रम सं./Serial No : CUK/21/003268

पंजीकरण सं./Register No : MPH071318



# केरल केंद्रीय विश्वविद्यालय Central University of Kerala

केरल केंद्रीय विश्वविद्यालय के कुलपति, शैक्षिक परिषद एवं कार्यकारी परिषद, विधिवत् नियुक्त परीक्षक मंडल के सिफारिशों के आधार पर घोषणा करते हैं कि

विवेक एस  
को



वर्ष 2021 में

भौतिक विज्ञान  
में

**डॉक्टर ऑफ फिलॉसफी**

की उपाधि प्रदान की गई है।

**प्रबंध का शीर्षक:** स्टडी ऑन दि एक्सचेंज बयास इफेक्ट्स इन प्युअर, ए-साइट सबस्टिट्यूटेड, एण्ड कोर-शेल बिसमत फेराइट नैनोपार्टिकल्स

The Vice Chancellor, the Academic Council and the Executive Council  
of the Central University of Kerala, on the recommendations of the duly appointed Board of Examiners,  
hereby declare that

**VIVEKS**

has been awarded the Degree of

**DOCTOR OF PHILOSOPHY**

in

**Physics**

in the year 2021



Title of Thesis: Study on the Exchange Bias Effects in Pure, A-Site Substituted, and Core-Shell Bismuth Ferrite Nanoparticles.

विश्वविद्यालय की मुहर के तहत / Given under the Seal of the University

कासरगोड / Kasargod - 671320

तारीख / Date : 15 DEC 2021



कुलपति

VICE CHANCELLOR