

# Mahatma Gandhi University



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

The Syndicate of the Mahatma Gandhi University  
hereby makes known that

*Pomlal Jose E*

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.

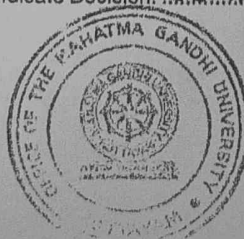
Title of the Thesis: ..... *Studies on Cotton Polypyrrolene*.....  
..... *based Commingled Composite Systems*.....

Given under the seal of the University

Date of Syndicate Decision: *03.11.2010*.....

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date: *1 December 2010*



*[Signature]*  
Vice Chancellor

Centre Code : 12 Reg. No. 015928-296-D-CVE



Code no. 4C759 : 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)



## அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு பிப்ரவரி 2019  
ஆம் ஆண்டு ரென்ஜித் தாமஸ் என்பவர்  
வேதியியல் பிரிவில் முனைவர்  
என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்  
சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப்  
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

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

Place of Study: A.A. GOVERNMENT ARTS COLLEGE MUSIRI.

### Title of the Thesis

"ELECTRONIC STRUCTURE AND REACTIVITY OF SOME BIOACTIVE IMIDAZOLE  
AND PYRAZOLE ANALOGUES: AN INCISIVE THEORETICAL INVESTIGATION"



Given under the seal of the University.



திருச்சிராப்பள்ளி  
Tiruchirappalli

உயர் :

*[Signature]*  
பதிவாளர் Registrar

*[Signature]*  
துணைவேந்தர் Vice - Chancellor

# Mahatma Gandhi University



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

The Syndicate of the Mahatma Gandhi University

hereby makes known that

.....*Bejoy Francis*.....

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:.....*Studies on Epoxy Resin  
Systems Modified with Ether Ketone/  
Ether Sulfone Containing Polymers*.....

Given under the seal of the University

Date of Syndicate Decision:.....*5.4.2006*.....

MAHATMA GANDHI UNIVERSITY  
PRIYADARSHINI HILLS  
KOTTAYAM - KERALA

Date *16 May 2006*



*[Signature]*  
Vice Chancellor

# भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिषद की अनुशंसा पर

विद्या वाचस्पति

की उपाधि एतद्द्वारा

सिरिल अगस्टीन वी

को प्रदान करता है।

शोध-प्रबन्ध शीर्षक : फार्म्युलेशन ऐण्ड अनेलिसिस ऑफ टू-पल्स फेस मॉड्युलेशन बेस्ड हेटरोन्यूक्लीयर डाइपोलर डिक्पलिंग सिक्वेन्सेस इन एनएमआर।

भारतीय गणराज्य के अन्तर्गत दिल्ली में आज, दिनांक 28 अक्टूबर 2012 को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

## Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the degree of

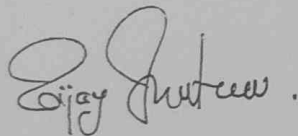
Doctor of Philosophy

on


CYRIL AUGUSTINE V

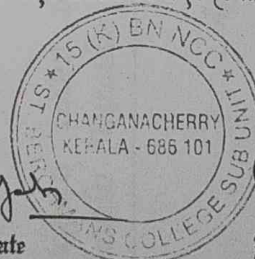
Thesis title : FORMULATION AND ANALYSIS OF TWO-PULSE PHASE MODULATION BASED HETERONUCLEAR DIPOLAR DECOUPLING SEQUENCES IN NMR.

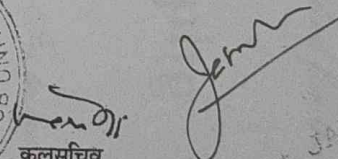
Given this day, the 28<sup>th</sup> of October 2012, under the seal of the Institute at Delhi in the Republic of India




अध्यक्ष, अभिशासक परिषद  
Chairman, Board of Governors

  
निदेशक एवं अध्यक्ष, अभिषद  
Director & Chairman, Senate



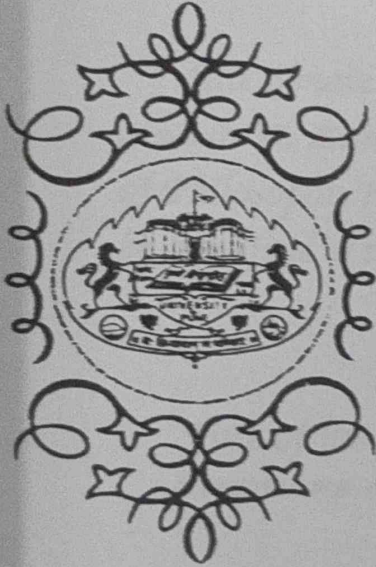
  
कुलसचिव  
Registrar

  
Lt. JAMES  
Associate IC  
15(K) Army NCC  
St. Xavier's College  
Changanacherry



Savitribai  
Phule  
Pune  
University

(Formerly  
University of Pune)



सावित्रीबाई  
फुले  
पुणे  
विद्यापीठ

We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the Savitribai Phule Pune University certify that

Shijo K Cherian

Mother's Name : Thressiamma

having been examined and found duly qualified for the degree of

Doctor of Philosophy  
(Chemistry)

The said degree has been conferred on him. In testimony whereof is set the seal of the said University.

आम्ही, सावित्रीबाई फुले पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणित करितो की,

शिजो के चेरियन

आईचे नाव : थेरीसिम्मा ;

विद्यावाचस्पति  
( रसायनशास्त्र )

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

02nd March 2015



**FACULTY OF SCIENCE**

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

*Subject Chemistry*

**Title of the Thesis Studies on the Dipolar Cycloaddition Reactions of 3 - Oxidopyrylium and 3 - Oxidopyridinium Betaines with pentafulvenes**

Date of Syndicate Decision: 18/12/2013

Given under the seal of the University

University Buildings

Thiruvananthapuram May 30, 2014



Vice Chancellor

കാലിക്കറ്റ് സർവ്വകലാശാല



UNIVERSITY OF CALICUT

FACULTY OF SCIENCE

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

**Sam John**

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

A handwritten signature in black ink, likely belonging to the Vice Chancellor.

**Vice Chancellor**

CALICUT UNIVERSITY PO  
Kerala, INDIA  
PIN 673 635

Date **01/10/2013**



**Nº 0422124**

West Coast Post

# Anna University



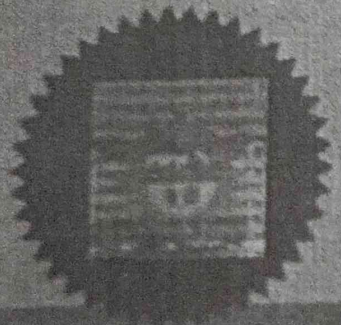
Reg No. 2013720128/RG

The Syndicate of the Anna University hereby makes known that **AJITH JAMES JOSE** 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 2012.

*Title of the Thesis:*

**DEVELOPMENT AND CHARACTERIZATION OF POLYSULFONE BASED NANOCOMPOSITES AND BLENDS FOR HIGH PERFORMANCE APPLICATIONS**

*Given under the Seal of the University*



Control No. 2013  
March 2013

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

Sl. No. 2015/10/065

**AcSIR**

वैज्ञानिक और नवीकृत अनुसंधान अकादमी  
ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH



UPON THE RECOMMENDATION OF THE FACULTY

CERTIFIES THAT

*Ms. Renchu Scaria*

WAS AWARDED THE DEGREE OF

DOCTOR OF PHILOSOPHY IN SCIENCE

ON 18.03.2015 IN RECOGNITION OF SCIENTIFIC ACCOMPLISHMENTS AND THE CAPABILITY TO CARRY ON RESEARCH AS  
DEMONSTRATED BY COMPLETION OF A THESIS BEARING THE TITLE

*Synthesis and Characterization Of Low Bandgap Random Copolymers For Photovoltaic  
Applications*

AT CSIR-National Physical Laboratory, New Delhi  
THE DEGREE WAS CONFERRED ON HER ON 10<sup>th</sup> DECEMBER 2015.

*Rajesh Khanna*  
Director



*Rajesh Khanna*  
Chancellor



# Mahatma Gandhi University

Established by Kerala State Legislature by the Gandhi University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1985 by Act II of 1988)

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

## FACULTY OF SCIENCE

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

**Smt. SAJINI T**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**CHEMISTRY**

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

*Title of the Thesis :* **DESIGN AND FABRICATION OF ENANTIOSELECTIVE  
NANOMATERIALS AS SORBENTS AND SENSORS FOR CHIRAL  
RECOGNITION**

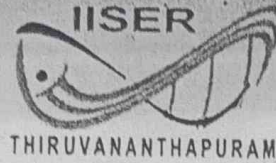
*Given under the seal of the University*

Date of conduct of public viva-voce & award of Ph.D.: 16-04-2021

Dated: 4-August-2021



Vice-Chancellor



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH  
THIRUVANANTHAPURAM

The Board of Governors upon recommendation of the Senate

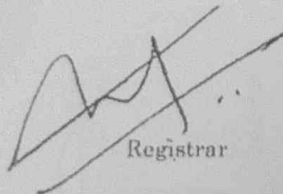
has conferred on

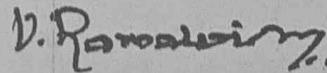
AJITH R. MALLIA

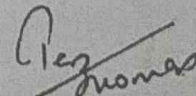
the degree of

*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



# Indian Institute of Technology Madras

*herely confers the degree of*  
**Doctor of Philosophy**

*of the Institute*  
*on*

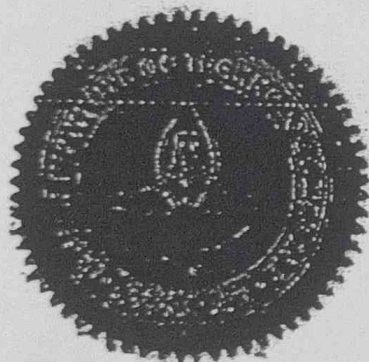
**BENSON JOSEPH**

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

**SYNTHESIS, STRUCTURE AND CHEMISTRY OF  
METALLAHETEROBORANES OF GROUP 8 AND 9**



CY150003



*Given this day the Seventeenth of July, 2020  
under the seal of the Institute.*

*Jheusal*  
Registrar

*B. V.*  
Director

*R. Venk*  
Chairman, Board of Governors