



The Board of Management and the Academic Council of  
this University hereby make known that

*GLAN DEVADHAS.G*

has been admitted to the Degree of

*DOCTOR OF PHILOSOPHY IN ELECTRICAL AND ELECTRONICS ENGINEERING*

having completed all the Academic requirements and having been  
certified by duly appointed Examiners to be qualified to receive the  
same with *COMMENDED*.

in the Examination conducted during *FEBRUARY 2013*



Thanjavur  
Tamil Nadu India

*Prasanna*  
Registrar

Given under the seal of the University

*K. A. Chinnappa*  
Vice-Chancellor

# Karunya

INSTITUTE OF TECHNOLOGY AND SCIENCES

(Deemed-to-be-University)

Accredited by NAAC

KARUNYA NAGAR, COIMBATORE - 641 114, TAMIL NADU, INDIA.

Reg. No. : RP11CE004

Mode of Study : Part Time



*The Board of Management  
of  
Karunya Institute of Technology and Sciences,  
a Deemed-to-be-University  
hereby makes known that*

**BIJU MATHEW**

*has been admitted to the Degree of*

Doctor of Philosophy

in

Civil Engineering

**under the Faculty of Engineering**

*having been certified by duly appointed examiners to be  
qualified to receive the same in August 2019*

*Title of the Thesis :*

*Investigation on the utilization of laterite as replacement of fine aggregate to develop ecofriendly  
cement mortar and concrete*



*Given under the seal of the Deemed-to-be-University*

*Dated: 10<sup>th</sup> October 2020*

*Paul Shivakumar*  
CHANCELLOR

*[Signature]*  
VICE CHANCELLOR

*[Signature]*  
REGISTRAR Page 2 of 28





## Faculty of Civil Engineering

The Syndicate of the Anna University hereby makes known that **BENNY JOSEPH** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** having been certified by duly appointed examiners to be qualified to receive the same in the year **2004**.

Title of the thesis :

**TREATMENT POTENTIAL OF SEWAGE FARMS AND CONSTRUCTED WETLANDS FOR DOMESTIC SEWAGE**



Given under the Seal of the University

Chennai 600 025  
India  
December 2004

  
Registrar

  
Vice-Chancellor

அண்ணாமலைப்

ANNAMALAI



பல்கலைக்கழகம்

UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

ஜனவரி, 2009 இல்

பிரிவில் நடத்திய தேர்வுகளில்

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி,

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆளவை இதன்வழி அறிவிக்கின்றது.

கட்டமைப்புப் பொறியியல்

சாத்தப்பன் வீர

The Senate of the ANNAMALAI UNIVERSITY hereby makes known

that SAATHAPPAN VRA

has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in STRUCTURAL ENGINEERING

he/she having been certified by duly appointed Board of Examiners who valued

his/her thesis to be qualified to receive the same in JANUARY, 2009.

TITLE OF THE THESIS

Investigation on RCT - Beams with surface mounted FRP reinforcement

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



அண்ணாமலைநகர்  
Annamalainagar

நாள்:

Dated: 22/12/2009

Dr. M. Rathinasabapathi

பதிவாளர்

Registrar

Dr. M. Ramanathan

துணை வேந்தர்

Vice-Chancellor



Reg. No. : 876/2009

File No. : 372

Year : 2011



# B.R.A. BIHAR UNIVERSITY



This is to Certify that MR. RENJI. P. CHERIAN

who has awarded for the degree of Doctor of PHILOSOPHY in NANO TECHNOLOGY

faculty, held in the month of JULY of the year 2011 and was

submitted the thesis entitled the topic of NANOTECHNOLOGY BASED DRUG

DELIVERY SYSTEM

was this day award to their research work.

मुजफ्फरपुर MUZAFFARPUR

तिथि / Date 15.07.2011

Office of the V. C.  
B. R. A. Bihar University  
Mu 255-1100

V. C.  
कुलपति  
B. R. A. Bihar University  
Vice Chancellor

Registration No.



121175CS12F03



**National Institute of Technology Karnataka, Surathkal**  
hereby confers the degree of

**Doctor of Philosophy**

on

Manoj V Thomas



*in recognition of the research work on*

*"IDENTITY AND ACCESS MANAGEMENT IN THE CLOUD FEDERATION  
ENVIRONMENTS"*

*carried out in the Department of  
Computer Science And Engineering  
and completed all the requirements  
in November 2017*

*Given under the seal of the Institute,  
on 10<sup>th</sup> November 2018*



  
Registrar

  
Director

  
Chairperson, Board of Governors



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**JEETHU V. DEVASIA**

*the degree of*

*Doctor of Philosophy*

*in the year 2019*


*Based on the thesis entitled:*

**COMPUTATIONAL APPROACHES FOR ENHANCING THE ACCURACY OF  
IDENTIFICATION OF CAUSAL GENES AND PATHWAYS FROM  
BIOLOGICAL NETWORKS.**

*Given at the National Institute of Technology Calicut*

*on 21<sup>st</sup> September, 2019*

  
Registrar

  
Director

  
Chairman  
Board of Governors





FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that **JUSTIN SUNIL DHAS G** born on **29-Nov-1976** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **ELECTRICAL ENGINEERING**, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on **OCTOBER 2011** with Registration Number **D08EE020**

**Thesis Title :**

Design of Intelligent Controller Based Facts Devices used for Improving Power Quality



Given under the Seal of the University.

DATE **18 DEC 2011**  
173, Agaram Road,  
Chennai-600 073  
Tamil Nadu

  
CONTROLLER OF  
EXAMINATIONS

Dr. M. PREMJEYAKUMAR  
B.Sc., B.Tech., M.E., Ph.D.,

  
REGISTRAR

Dr. Prof. S.M. RAJENDRAN  
M.D., F.R.C.P.(U.K.), FIMSA,

  
VICE-CHANCELLOR

Dr. K.P. THIRUVENGADAM  
B.E., M.B.A., M.Sc.(Engg.)(Canada), Ph.D.(Canada)



# Anna University



Reg.No. 7081042120/RG

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

Title of the Thesis:

**PERFORMANCE EVALUATION OF METAHEURISTIC ALGORITHMS BASED FRACTIONAL ORDER PI CONTROLLER FOR DC-DC BOOST CONVERTER**

Given under the Seal of the University



Chennai 600 025  
India  
Nov 2017

Controller of Examinations

Registrar

Chairman, Convener Committee  
Vice-Chancellor





APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
(A State Government University)



*The Board of Governors of APJ Abdul  
Kalam Technological University hereby*

*confers the degree of*

**Doctor of Philosophy**

*of the University*

*on*

**JAYESH GEORGE M**

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

**DEVELOPMENT OF COMPUTER AIDED DIAGNOSIS OF  
BREAST CANCER ON MAMMOGRAMS**

*This award is effective from 28<sup>th</sup> of February, 2020*

*Given this day the 28<sup>th</sup> of October, 2020*

*Under the seal of the University*

Register Number : D-TOC16JAN003



  
Vice-Chancellor



Register No : .....09DRPECE004

Folio No : .....000200



### KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)  
(Established Under Section 3 of UGC Act, 1956)  
Pollachi Main Road, Eachanari Post, Coimbatore – 641 021.  
Tamil Nadu - India

The Board of Management of the KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University)

hereby makes known that **ROSHINI T V**

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION**

**ENGINEERING** under the **FACULTY OF ENGINEERING**

having been certified by the duly appointed examiners to be qualified to receive the same on **24<sup>th</sup> AUGUST 2018**

Coimbatore

Date : **29.09.2018**



SEAL

CONTROLLER OF EXAMINATIONS

REGISTRAR

VICE-CHANCELLOR





Reg.No. 71060521001/RG

*The Syndicate of the Anna University hereby makes known that ANTO SAHAYA DHAS D has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

*Title of the Thesis:*

**INVESTIGATIONS ON BRAIN IMAGES FOR TUMOR CLASSIFICATION USING SOFT COMPUTING TECHNIQUES**

*Given under the Seal of the University*





# Anna University



Reg.No. 10910421058/RG

The Syndicate of the Anna University hereby makes known that **SRIDHARAN P** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2014**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**CERTAIN INVESTIGATIONS ON THE PERFORMANCE OF SMALL HYDROELECTRIC POWER PLANTS WITH CAVITATION AND VIBRATION IN TURBINE RUNNER CASINGS - A FUZZY LOGIC APPROACH**



*Given under the Seal of the University*

# Anna University

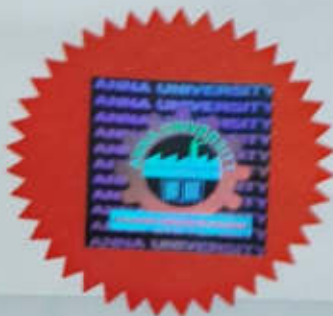


Reg.No. 1315269103/RG

The Syndicate of the Anna University hereby makes known that **SREEKANTH M P** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2020**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

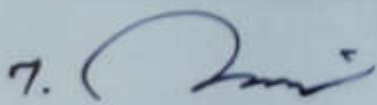
*Title of the Thesis:*

**DESIGN AND DEVELOPMENT OF CUSTOM LAPAROSCOPIC SURGICAL TOOL HANDLE USING ADDITIVE MANUFACTURING TECHNOLOGY**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
HAB/12/2021

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



# Anna University



Reg.No.1414289725/RG



The Syndicate of the Anna University hereby makes known that **CHRISTOPHER EZHIL SINGH S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, 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:*

**EXPERIMENTATION ON (ZrC/B<sub>4</sub>C) NANO PARTICLE REINFORCED WITH Cu - Cr MATRIX COMPOSITE**

*Given under the seal of the University*



Chennai 600025  
India  
December 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



## FACULTY OF TECHNOLOGY

*The Syndicate of Kannur University hereby makes known that*

**REEMA MATHEW A**

*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 : Computer Science*

*Title of the Thesis : 'Analysis of Deep Learning Techniques for Brain Tumor Classification from MR images'*

*Given under the seal of the University.*

*Date of Award : 27/02/2021*



*Phosphor*

VICE-CHANCELLOR

Kannur University

10 March 2022

Date .....

No. 0154271



Registration No.



177159MA501



# National Institute of Technology Karnataka, Surathkal

FACULTY OF SCIENCE

hereby confers the degree of

## Doctor of Philosophy

on

*Febin JP*



in recognition of the research work on

"PERCEPTUALLY INSPIRED VARIATIONAL RETINEX METHODS FOR ENHANCING AND RESTORING IMAGES"

and completed all the requirements

in January 2021

Given under the seal of the Institute,

on 06<sup>th</sup> November 2021



*[Signature]*

Registrar

Sl. No. PH21064

*[Signature]*

Director

*[Signature]*

Chairperson, Board of Governors





# Dinayaka Missions University



## FACULTY OF ENGINEERING AND TECHNOLOGY

The Board of Management of the Dinayaka Missions University  
hereby makes known that

**Gampath Kumar.V.**

has been admitted to the Degree of  
**Doctor of Philosophy in Computer Science & Engineering**  
having been certified by the duly appointed Examiners  
to have qualified to receive the same in the year  
**2011** for the thesis entitled

**Kirlian Image Compression with Multi-Region Multi-Quality  
Coding Schemes.**



Given under the seal of the University  
Under Section 3 of the UGC Act, 1956

Reg. No.: **M598800013**

Salem, India.

Dated: **07-07-2011**

  
Registrar

  
Vice-Chancellor







# National Institute of Technology

411107051

TIRUCHIRAPPALLI - 620 015 INDIA

*hereby confers the degree of*

**Doctor of Philosophy**  
*of the Institute*

*on*

**ESWARAMOORTHY M**

*for successfully completing the prescribed programme of study*

*and presenting the thesis entitled*

**STUDIES ON SOLAR PARABOLIC DISH THERMOELECTRIC POWER GENERATOR**

*Given this day the First of October, 2011*

*Under the Seal of the Institute.*



*A. S. Anjan*  
Registrar

*S. S. Sankaranarayanan*  
Director

*Rajm Nitya*

Chairman, Board of Governors

*Dr. P. M. Ramesh Babu*  
Head, Department of Mechanical Engineering  
and Metallurgical Engineering  
Chennai



# Anna University



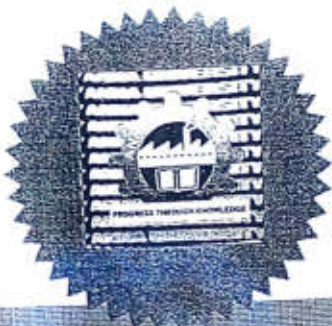
Reg.No. 7081033159/RG

The Syndicate of the Anna University hereby makes known that **UMESH SUNDAR R** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the *Faculty of Mechanical Engineering*, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2015**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**APPLICATION OF QUALITY FUNCTION DEPLOYMENT FOR IMPROVING THE PERFORMANCE OF A FIBER REINFORCED PLASTIC COOLING TOWER - CASE STUDY**

Given under the Seal of the University







# Indian Institute of Technology Madras

hereby confers the degree of  
**Doctor of Philosophy**

of the Institute  
on

**SHIKA S**

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



CE12D019

**CHARACTERIZING THE PROPERTIES OF ATMOSPHERIC AEROSOLS  
FOR CLIMATIC IMPACT**



*Given this day the Twentysecond of July, 2016  
under the seal of the Institute.*

*V.G.S.*  
Registrar

*S. M.*  
Director

*R. Srinivasan*  
Chairman, Board of Governors



**FACULTY OF ENGINEERING AND TECHNOLOGY**

The Senate of the University of Kerala hereby makes known that **John, T. D.** 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 Mechanical Engineering.**

**Title of the Thesis Thermoeconomic Analysis and Optimisation of a combined cycle power plant .**

Date of Award: 10/06/2010

Given under the seal of the University

University Buildings  
Thiruvananthapuram January 04, 2011

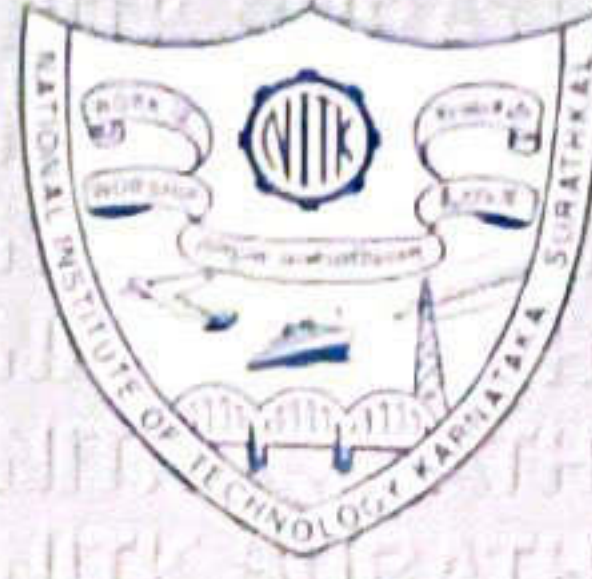
*[Signature]*  
P. M. Pyno, B.Tech. M.E. (Engineering)  
Dept. of Mechanical Engineering  
Vimal Jyothi Engineering College  
Chempoo  
Vice Chancellor



Registration No.



165017CV16F19



# National Institute of Technology Karnataka, Surathkal

hereby confers the degree of  
**Doctor of Philosophy**



on

Vibhoosha MP

in recognition of the research work on

"PERFORMANCE EVALUATION OF ENCASED STONE COLUMN SUPPORTED  
EMBANKMENTS WITH GEOSYNTHETIC MATERIALS AS BASAL REINFORCEMENT"

and completed all the requirements

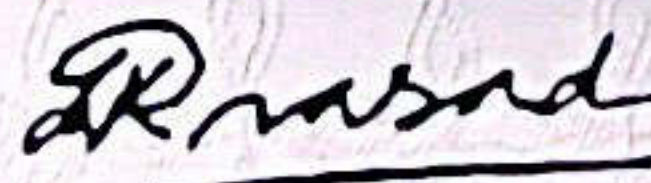
in December 2021

Given under the seal of the Institute,

on 15<sup>th</sup> October 2022



  
Registrar

  
Director

  
Chairperson, Board of Governors

Sl. No. PH22019





**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

(A State Government University)

Thiruvananthapuram, Kerala, India - 695 016



*The Board of Governors of  
APJ Abdul Kalam Technological University*

*heroby confers the degree of  
Doctor of Philosophy  
of the University*

*on*

**TEENA GEORGE**

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

**ANALYSIS AND CONTROL OF TYPE-IV WIND ENERGY  
CONVERSION SYSTEM**

*This award is effective from 4<sup>th</sup> of July, 2022*

*Given this day the 17<sup>th</sup> of January, 2023*

*Under the seal of the University*

Register Number : D-KNR16JAN001



*[Signature]*  
Vice-Chancellor



Authorized Signatory  
APJ Abdul Kalam Technological University  
Date: Thu Mar 16 15:29:27 IST 2023





# AMRITA

## VISHWA VIDYAPEETHAM

DEEMED TO BE UNIVERSITY

G 05984

*The Board of Management of the University hereby confers the degree of*

**Doctor of Philosophy**

*under the Faculty of Engineering*

on

**JITHIN E V**

*in recognition of the successful completion of all the requirements for the award of the said Degree including and defending the thesis entitled*

**"MEASUREMENT OF BURNING VELOCITIES OF HYDROCARBON HYDROGEN MIXTURES AND APPLICATION TO PREMIXED LAMINAR BURNER DESIGN"**

*Given on this day, the 16th of December 2019, under the seal of the University.*



HQ: Coimbatore-641 112, India.

*[Signature]*

Dr.K.Sankaran  
Registrar

Date of Issue : 16th of December 2019

*[Signature]*

Sri Mata Amritanandamayi Devi  
Chancellor

*[Signature]*

Dr.P.Venkat Rangan  
Vice-Chancellor

*[Signature]*

Swami Amritaswarupananda Puri  
President



Electronic Certificate No.: 182040504



**University Grants Commission**  
NATIONAL EDUCATIONAL TESTING BUREAU



**NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR**

UGC Ref. No.: 40504/(NET-DEC 2018)

Roll No.: KL0703502705



Certified that **DINSHA P K**

Son/Daughter of **RADHAKRISHNAN C**  
and **SUSHAMA P K**

has qualified

the UGC-NET for eligibility for Assistant Professor held in **DECEMBER 2018**  
in the Subject **COMPUTER SCIENCE AND APPLICATIONS**

As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., **5th JANUARY 2019**, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by **4th JANUARY 2021**, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from UGC by the institution/appointing authority. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

Date of Issue: 15-04-2019

Head  
NET Bureau

Note: UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as UGC is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for UGC-NET.



Electronic Certificate No.: 182041542



**University Grants Commission**  
NATIONAL EDUCATIONAL TESTING BUREAU



**NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR**

UGC Ref. No.: 41542/(NET-DEC 2018)

Roll No.: TN0103505357

Certified that NAJIRA SALAM



Son/Daughter of ABDUL SALAM K P  
and RUKKIYA M P

has qualified

the UGC-NET for eligibility for Assistant Professor held in DECEMBER 2018  
in the Subject COMPUTER SCIENCE AND APPLICATIONS

As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., 5th JANUARY 2019, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by 4th JANUARY 2021, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from UGC by the institution/appointing authority. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

Date of Issue: 15-04-2019

Head  
NET Bureau

Note: UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as UGC is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for UGC-NET.



Electronic Certificate No.: 161020695



**University Grants Commission**  
NATIONAL EDUCATIONAL TESTING BUREAU



**NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR**

UGC Ref. No.: 20695/(NET-JULY 2016)

Roll No.: 35004171



Certified that ANCY K SUNNY

Son/Daughter of SUNNY K M

and SALY SUNNY

*had applied for the UGC-NET for eligibility for Assistant Professor held on 10-07-2016 in the GENERAL category and qualified by securing marks at par with the qualifying cut-off for GENERAL category in the Subject COMPUTER SCIENCE AND APPLICATIONS*

*As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.*

*The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., 21st November 2016, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by 20th November 2018, whichever is later.*

*This is an electronic certificate only and its authenticity should be verified from the UGC by the employer. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.*

*Validity of this electronic certificate is forever.*

Date of Issue: 27-02-2017

*Surender Singh*

Head  
NET Bureau

Note: a) UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for UGC-NET.

b) Wherever SC/ST/OBC/PWD is shown in the UGC Ref. No., the institution/recruitment body should check the relevant documents of that category.