



ANNAMALAI



UNIVERSITY



(Accredited with “A” Grade by NAAC)

Certificate of Participation

This is to certify that **Surya Devi, Assistant professor, Thiyagarajar college of engineering**
has participated in the webinar organized by the **Faculty of Science,**
Annamalai University in collaboration with **ELSEVIER** on **“Basic Author**
Workshop Research Article Writing & Reference Management Using
Mendeley” on Monday, 22nd June 2020.

Mr. Vishal Gupta
Customer Consultant
Elsevier-South Asia

Mr. Pranav Shukla
Senior Account Manager
Elsevier-South Asia

Dr. Nirmala P. Ratchagar
Coordinator and Dean,
Faculty of Science
Annamalai University

Dr. N. Krishnamohan
Registrar i/c
Annamalai University



KUMARAGURU
college of technology
character is life

Department of
Science and Humanities
(Mathematics)

Presents this

CERTIFICATE

To

B. Surya Devi

For his/her active and invaluable participation in the Seven Day Online
International Faculty Development Programme on
“Mathematical Modeling for Data Analytics and Engineering” organized by
Department of Science and Humanities(Mathematics),
Kumaraguru College of Technology, Coimbatore,
Conducted from 29 June to 05 July 2020.

Head/S&H
Dr.P.Devaki

Kumaraguru College of Technology

Principal
Dr.J.Srinivasan

Kumaraguru College of Technology

Online Faculty Development Programme on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB

13 – 24 July 2020

Jointly Organized by

Electronics & ICT Academy
MNIT Jaipur

Electronics & ICT Academy
NIT Patna

Electronics & ICT Academy
PDPM IIIT DM Jabalpur



(Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. / Dr. **B. SURYA DEVI** from **Thiyagarajar college of engineering** has participated and completed all the requirements of two week (equivalent to 3 credit 40 hours course) online faculty development programme on **“Advanced Optimization Techniques and hands-on with MATLAB/SCILAB”** jointly organized by Electronics and ICT Academies held from 13 – 24 July 2020 under the **“Scheme of financial assistance for setting up of Electronics and ICT Academies”** by the **Ministry of Electronics and Information Technology (MeitY), Government of India**. This programme is endorsed by AICTE / UGC / NBA.



Dr. Prashant K. Jain
Co-Principal Coordinator
IIIT DM Jabalpur



Dr. Satyasai Jagannath Nanda
Principal Coordinator
MNIT Jaipur





THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided Autonomous Institution Affiliated to Anna University)

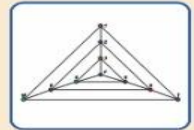
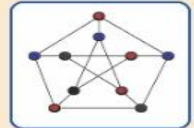
- where quality and ethics matter

MADURAI - 625 015.

Math Club

Department of Mathematics

CERTIFICATE OF PARTICIPATION



This is to certify that Mrs. B. Surya Devi,

Assistant Professor, Mathematics / AMCS

of Thiyagarajar College of Engineering, Madurai

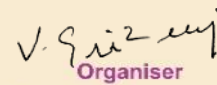
has participated in a A One Day Webinar on "Exploring Graph Theory Applications with GRIN (Graph Interface) Software organized by Math Club, Department of Mathematics, Thiagarajar College of Engineering, Madurai on 15th July 2020.


Co-ordinator - 2

H. Sri Vinodhini


Co-ordinator - 1

Dr. C.S. Senthilkumar


Organiser

Dr. V. Gnanaraj


HOD & Convenor

Dr. S. Jeya Bharathi



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956)

A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION

AICTE Approved & NAAC Accredited

Karunya Nagar, Coimbatore - 641 114, Tamil Nadu, India



Day – I 20 July 2020

Title Application of Mathematics in
High End Technology
Resource Person Dr. S. SUNDAR MANOHARAN

Day – II 21 July 2020

Title Application of Mathematics in
Biology
Resource Person Dr. S. UDAYABASKARAN

Day – III 22 July 2020

Title Differential Equations
Resource Person Dr. D. PIRIADARSHANI

Day – IV 23 July 2020

Title Queuing Theory
Resource Person Dr. RAMESHKUMAR ESWAR

Day – V 24 July 2020

Title Graph Theory
Resource Person Dr. INDRA RAJASINGH



Certificate No:KITSMATFDP350
24 July 2020

Certificate of Participation

This is to certify that

Mrs. B. Surya Devi, Assistant Professor

Thiyagarajar college of engineering

has participated in the 5 days Online

Faculty Development Programme on APPLICATIONS OF MATHEMATICS

organized by the Department of Mathematics, Karunya Institute of Technology
and Sciences, Coimbatore, held from 20 July 2020 to 24 July 2020.

Dr. C. Joseph Kennedy

Dean SSAMM

Dr. A. Hepzibah Christinal

Programme Coordinator

Dr. S. Elizabeth Amudhini Stephen

Organizing Secretary



St.Xavier's College (Autonomous)



(Recognized as "College with Potential for Excellence" by UGC)
(Accredited by NAAC with "A++" Grade with a CGPA of 3.66 out of 4 in Cycle IV)

Certificate of Participation

This is to certify that

Mrs. B. Surya Devi

Thiyagarajar college of engineering

has participated in the National Webinar on "Modelling and Solving Optimization Problems in Operations Research using Microsoft Excel and Solver" organized by

PG and Research Department of Mathematics, St. Xavier's College (Autonomous), Palayamkottai.

on July 27, 2020.

Dr.J.M.Prabhakar

Co-ordinator Shift II

Dr. S. Arul Raj

HOD & Convener

Rev. Dr. S. Mariadoss, SJ

Principal



THIAGARAJAR COLLEGE OF ENGINEERING
Madurai - 625015.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. / Dr. B. SURYA DEVI of
Department of Applied Mathematics and Computational Science
Thiagarajar College of Engineering, Madurai has participated in the 'Capacity
Building Workshop for the Development of TCE Online Courses' in
online mode on 23rd January 2021 and 30th January 2021.


Dr. S.J. Thiruvengadam
Dean (Academic Process)


Dr. S. Mercy Shalinie
Principal



THIAGARAJAR COLLEGE OF ENGINEERING
Madurai - 625015.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. /Ms. /Dr..... **B.Surya Devi**of
Department **Data Science**

Thiagarajar College of Engineering, Madurai has participated in the Two day
Faculty Orientation Programme "**Life at TCE**" conducted by the Faculty
Development strand of Project SAVITHA on 10th and 11th February 2021.

Dr.S.Rajaram
Registrar Academics

Dr. S. Mercy Shalinie
Principal

No: 07/2023/1/M1/3381



अखिल भारतीय तकनीकी शिक्षा परिषद्



प्रमाणित किया जाता है कि

सूर्या देवी

एनआईटीटीटी पंजीयन क्रमांक : 20201112056

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 1 : तकनीकी शिक्षा और पाठ्यचर्या पहलुओं का अभिविन्यास

को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)



This is to certify that

B. SURYA DEVI

NITTT Registration No: 20201112056

has successfully completed

Module 1: Orientation towards Technical Education and Curriculum Aspects

of

National Initiative for Technical Teachers Training

Director
NITTTR, Bhopal



Director
NITTTR, Chandigarh



Member Secretary
AICTE



Director
NITTTR, Chennai



Director
NITTTR, Kolkata



FEBRUARY 2021

No: 07/2023/1/M2/6411



अखिल भारतीय तकनीकी शिक्षा परिषद्



प्रमाणित किया जाता है कि

सूर्या देवी

एनआईटीटीटी पंजीयन क्रमांक : 20201112056

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 2 : वृत्तिक आचार नीति और संधारणीयता

को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)



This is to certify that

B. SURYA DEVI

NITTT Registration No: 20201112056

has successfully completed

Module 2 : Professional Ethics and Sustainability

of

National Initiative for Technical Teachers Training

Director
NITTTR, Bhopal



Director
NITTTR, Chandigarh



Member Secretary
AICTE



Director
NITTTR, Chennai



Director
NITTTR, Kolkata



FEBRUARY 2021

Verified
Certificate

HarvardX

Joseph K. Blitzstein

Joseph K. Blitzstein

Professor of the Practice in Statistics

Harvard University

This is to certify that

B.Surya Devi

successfully completed and received a passing grade in

STAT110x: Introduction to Probability

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate

Issued April 18, 2021

Valid Certificate ID

[881f18e10938470eb9b19585cbd40698](https://courses.edx.org/certificates/881f18e10938470eb9b19585cbd40698)



Aug 8, 2020

B. Surya Devi

has successfully completed

Mathematical Thinking in Computer Science

an online non-credit course authorized by University of California San Diego and offered through Coursera

A handwritten signature in black ink, appearing to read "Alexander S. Kulikov".

Alexander S. Kulikov, Visiting Professor, Department of Computer Science and Engineering;
Michael Levin, Associate Professor, Computer Science;
Vladimir Podolskii, Associate Professor, Computer Science

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/D4TEFDQEEMP6>

Coursera has confirmed the identity of this individual and their participation in the course.

**Imperial College
London**

07/23/2020

B. Surya Devi

has successfully completed

**Mathematics for Machine Learning: Linear
Algebra**

an online non-credit course authorized by Imperial College London and offered through
Coursera



David Dye and Samuel J. Cooper

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/MNYHMQF53GTL
Coursera has confirmed the identity of this individual and
their participation in the course.



07/13/2020

B. Surya Devi

has successfully completed

Regression with Automatic Differentiation in TensorFlow

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Amit Yadav
Instructor
Machine Learning and Data Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/G54ANM9ALZGE
Coursera has confirmed the identity of this individual and their participation in the course.



07/12/2020

B. Surya Devi

has successfully completed

**Predicting Salaries with Simple Linear Regression
in R**

an online non-credit course authorized by Coursera Project Network and offered
through Coursera

Mo Rebaie
Data Science Instructor

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/BNEKTX4X97GL
Coursera has confirmed the identity of this individual and
their participation in the course.