

achievement

excellence
integrity
company
teamwork
accountability
passion
target
group
personal graphic
consult rights
employees public
energy startup
agreement
illustration
positive
knowledge
presentation
ethics

charter
diagram
idea
blocks gear
purpose plan
goals steel
trust
wheel
machinery
set old
morality
expertise
firm leadership
core
customer
resource
conduct
background
big
holding
vision
service
statement
core
customer
value
hand mission
persistence
digital
reliable
employee
corporate
strategy
commitment
cultural
presentation
analysis
quality
break
macro
growth
yellow
infographic
strategic
metaphor
kill people

organization
innovation
honesty
friendship
cogwheel
term button
moral topple
partnership
objective
circle
black
punctuality
concept follow
lasting management
modern social
model empowerment
mechanism
drive example
corporation
sincerity
creativity
achievement
punctual

communication
marketing
poster
clipboard
accuracy
word
icon
goal
solution
manufacturing
competence
thinking
relationship
notebook
guiding
component
responsibility
outlined
power success
handshake
market contribution
togetherness
honor
responsibility
metal
responsible
code data
ideology
iron
friendship
cogwheel
term button
moral topple
partnership
objective
circle
black
punctuality

industry
business
focus
connection
symbol
progress sketch
wooden satisfaction
relationship
notebook
guiding
component
responsibility
outlined
power success
handshake
market contribution
togetherness
honor
responsibility
metal
responsible
code data
ideology
iron
friendship
cogwheel
term button
moral topple
partnership
objective
circle
black
punctuality

rule layout element
marketing
policy red
friendspride
creative
reliability impact
team
important workplace
support vector
outline
sensitivity
technology
collaboration
principles

HEARTY CONGRATULATIONS

for successfully completing their Ph.D



Dr. M. NIRMALA

Title of the Thesis :

"Enhanced Frost Filterative Bivariate Correlated Cophenetic Deep Convolutional Classification for Disaster Management with Satellite Images" on Monday, June 24, 2024. Bharathiar University.



Dr. P. SANTHANALAKSHMI

Title of the Thesis :

An Automated Ontology, Modified SVM With Deep Learning Techniques for Semantic Image, Video Retrieval and Comparison on the Performance of Three Different Approaches.



Dr . K VIGNESHKUMAR

Title of the Thesis:

A novel deep learning based framework for the detection and classification of breast cancer using digital mammogram .

ACHIEVEMENTS



Best Paper Award – 2024

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Innovative Faculty Award – 2024

ACHIEVEMENTS



Young Achiever Award – 2024

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Best Paper Award – 2023

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This certificate is awarded to

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for successfully completing the course



Research Methodology

with a consolidated score of **85** %

Online Assignments	23.33/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 3794

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE36S533801645


To verify the certificate



No. of credits recommended: 2 or 3

NPTEL Course – 2023

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Accreditation and Outcome Based Learning


with a consolidated score of **75** %

Online Assignments	18.17/25	Proctored Exam	57.25/75
--------------------	----------	----------------	----------


Total number of candidates certified in this course: **1356**

Aug-Oct 2023
(8 week course)






Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

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Roll No: NPTEL23GE46S733801262

To verify the certificate



No. of credits recommended: 2 or 3

NPTEL Course – 2023

ACHIEVEMENTS



Self – Learner Award – 2023

ACHIEVEMENTS



Class Advisor Award – 2023

ACHIEVEMENTS



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DR A R JAYASUDHA

for successfully completing the course

Accreditation and Outcome Based Learning

with a consolidated score of **65** %

Online Assignments	17.21/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1356

Aug-Oct 2023

(8 week course)

Haimanti Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23GE46S733802572

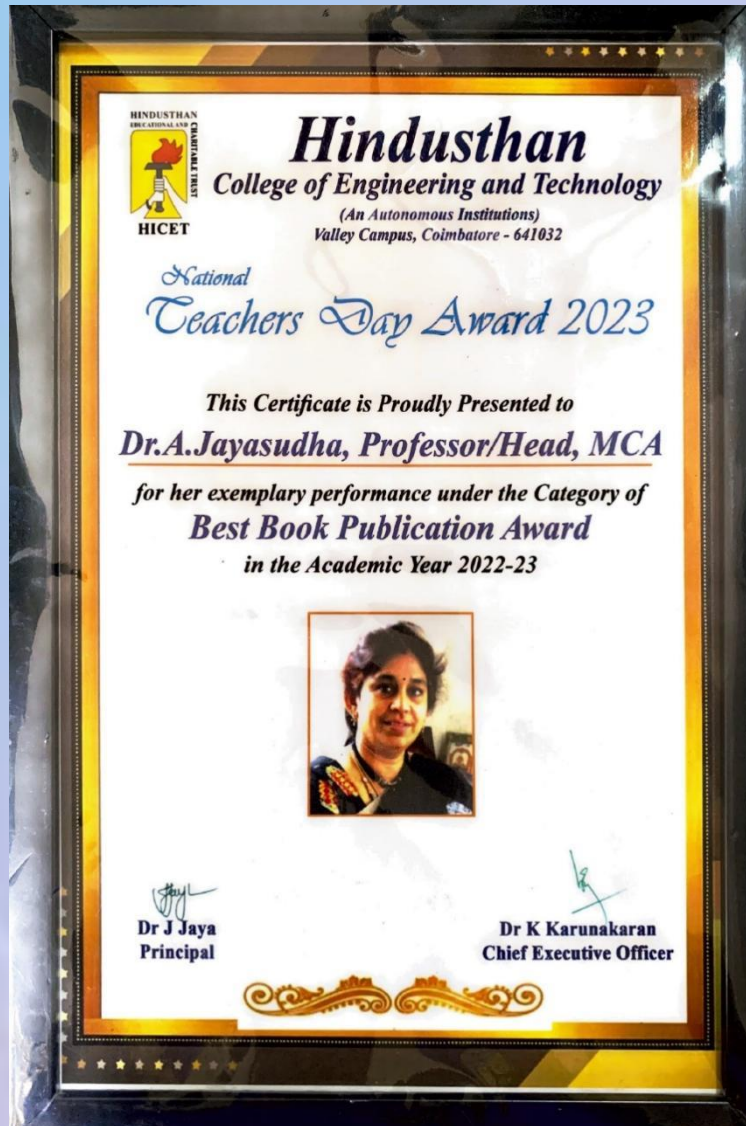
To verify the certificate



No. of credits recommended: 2 or 3

NPTEL COURSE – 2023

ACHIEVEMENTS



Book Publication – 2023

ACHIEVEMENTS



A R JayaSudha Dr

(Legal name: A R JAYA SUDHA)

has successfully achieved the certification

Microsoft Certified: Azure Fundamentals

Date of achievement: January 3, 2023

Certification Number: I556-1872



Satya Narayana Nadella

Microsoft Certified : Azure Fundamentals – Jan 2023

ACHIEVEMENTS

To construct today's distributed, network applications and services, you really want profound dominance of sockets and other key networking APIs. This book conveys extensive, beginning-to-end direction for building strong, high-performance network frameworks in any environment. This book speaks about the solution focusing on LINUX, Shells, IPC and Signals, TCP Sockets, UDP Sockets, and some Advanced Sockets like Raw sockets, Threads, Mutexes, TCP Echo Server, Ping Program, and Trace Route. This book is prepared for easy understanding of the learners about the basic concepts and the network applications.



Ms. Nirmala M. received a B.Sc Degree in Computer Science from Bharathiar University, MCA from Bharathidasan University, and M.Phil from Bharathiar University. She works as an Asst. Professor in the Department of Computer Applications at Hindusthan College of Engineering and Technology, Coimbatore. She has a total teaching experience of 20 years.



9 786205 493762

Nirmala M., Jayasudha A. R., Privietha P.

Nirmala M.
Jayasudha A. R.
Privietha P.

Network Programming with Linux

First Edition



Book Publication

ACHIEVEMENTS

The book discusses the concepts of machine learning with respect to supervised and unsupervised algorithms. Every topic has been discussed with an example case study. The concept of data modelling with respect to various methods were discussed with examples. The introduction on NOSQL is also added as the feather to the cap, its installation process in Cloud Environment and execution of Mongo DB commands were discussed.

The concept of Distributed file storage, Overview of Hadoop and its architecture, role of name node and data node in HDFS systems were discussed. The basics installation procedure Hadoop in Windows was explained in a step by step manner with appropriate snapshots and coding. The role of Map reduce algorithms and Hbase architecture were discussed.

This book is prepared for easy understanding of the learners about the basic concepts of data science and analytics.

Data Science, Analytics & Modelling



M. Nirmala, MCA from Bharathidasan University and M. Phil from Bharathiar University. She has a total teaching experience of 20+ years. Her area of interest includes Networking, Simulation & Modeling, Machine Learning and Deep Learning. Received the Best Paper Award and Published in IEEE explore. She has published more than 15 International Journals.



Nirmala M Jayasudha A R
Princess Maria John
Privietha P

Data Science, Analytics & Modelling

A Beginners Perspective

LAP LAMBERT
Academic Publishing

Book Publication

ACHIEVEMENTS

Graphics are defined as any sketch or a drawing or a special network that pictorially represents some meaningful information. Computer Graphics is used where a set of images needs to be manipulated or the creation of the image in the form of pixels and is drawn on the computer. Computer Graphics can be used in digital photography, film, entertainment, electronic gadgets, and all other core technologies which are required. Computer Graphics can be used in UI design, rendering, geometric objects, animation, and many more.

Multimedia is content that uses a combination of different content forms such as text, audio, images, animations, video and interactive content. This technology is now largely adopted by most computer based applications to bridge the gap between a human user & the computer. This textbook discusses the concepts, principles and applications of Computer Graphics in a simple, precise and systematic manner. It explains how to manipulate visual and geometric information by using the computational techniques. It also incorporates several experiments to be performed in computer graphics and multimedia labs.



Dr. Princess Maria John completed her B.Sc.(Maths) at P.S.G.R. Krishnammal College for women, Coimbatore, M.C.A. (Master of Computer Applications) at Bharathiar University, Coimbatore, and her Ph.D at Karunya University, Coimbatore. She is currently working as an Assistant Professor at Hindusthan College of Engineering and Technology, Coimbatore.



Princess Maria John
A.R. Jayasudha M. Nirmala
Privietha P.

Computer Graphics and Multimedia

A Beginners Approach

LAP LAMBERT
Academic Publishing

Book Publication

ACHIEVEMENTS

This book updates readers with all the tools, techniques, and concepts needed to understand and implement data security systems. It presents a wide range of topics for a thorough understanding of the factors that affect the efficiency of secrecy, authentication, and digital signature schema. The author contributed to the design and analysis of the Data Encryption Standard (DES), a widely used symmetric-key encryption algorithm. Security in Computing book, offers timely coverage of all aspects of computer security, including users, software, devices, operating systems, networks, and data. Reflecting rapidly evolving attacks, countermeasures, and computing environments, in brief it includes elementary cryptography, encryption, VPN, threats, virus, data recovery, program security, security in networks, security in database, security models and standards. This book is prepared for easy understanding of the learners about the basic concepts and the security.



Dr A R Jayasudha, Professor and Head, Department of Computer Applications, Hindusthan College of Engineering and Technology, Coimbatore. Possesses 24 years of Teaching and Industry experience. Holds International Certificate issued by Sun Microsystems as Sun Certified Java Professional.



Jaya sudha AR, Nirmala M
Princess Maria John
Privietha P

Security in Computing

Tools and Techniques



Book Publication

ACHIEVEMENTS

This book is prepared for basic learners to get an idea of different concepts in web development using different languages like Servlet, JSP, Spring, Reactjs and Nodejs. Topics covered in JSP and servlet are the second level of learning. One who learns it, need the basic idea in java. The basics needed for web development is covered in Spring, Reactjs and Nodejs. Installing procedure, running environment and other basic commands are discussed with example codes. Basic designing using components like textboxes and labels are covered in coding section. Sample programs with code and outputs are discussed in all sessions. Programs linking nodejs with mysql, nodejs with monogodb are discussed from the root. This book acts a back bone to the college students and back end developers in developer's point of view.

Web Development- Backend Developers View



Privietha is an active and enthusiastic educationalist working as Assistant Professor in Computer Science at Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu. She has completed MCA, MBA, M.Ed., M.Phil., NET in Education and Ph.D. in Computer Science. She has presented and published papers in many reputed journals.



Privietha P
Nirmala M Jayasudha AR
Princess Maria John


Web Development


Backend Developer Point of View



Book Publication

ACHIEVEMENTS

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HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

SOFT SKILLS
JUL - DEC 2022

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
20	18	1	8	8	1	0	0


PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



NPTEL Mentor - July – Dec 2022

ACHIEVEMENTS



NPTEL Mentor - July – Dec 2022

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SOFT SKILLS

JUL - DEC 2022



Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
19	18	1	9	8	0	0	0


PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



NPTEL Mentor - July – Dec 2022

ACHIEVEMENTS



M NIRMALA

has successfully achieved the certification

Microsoft Certified: Azure Fundamentals

Date of achievement: December 25, 2022

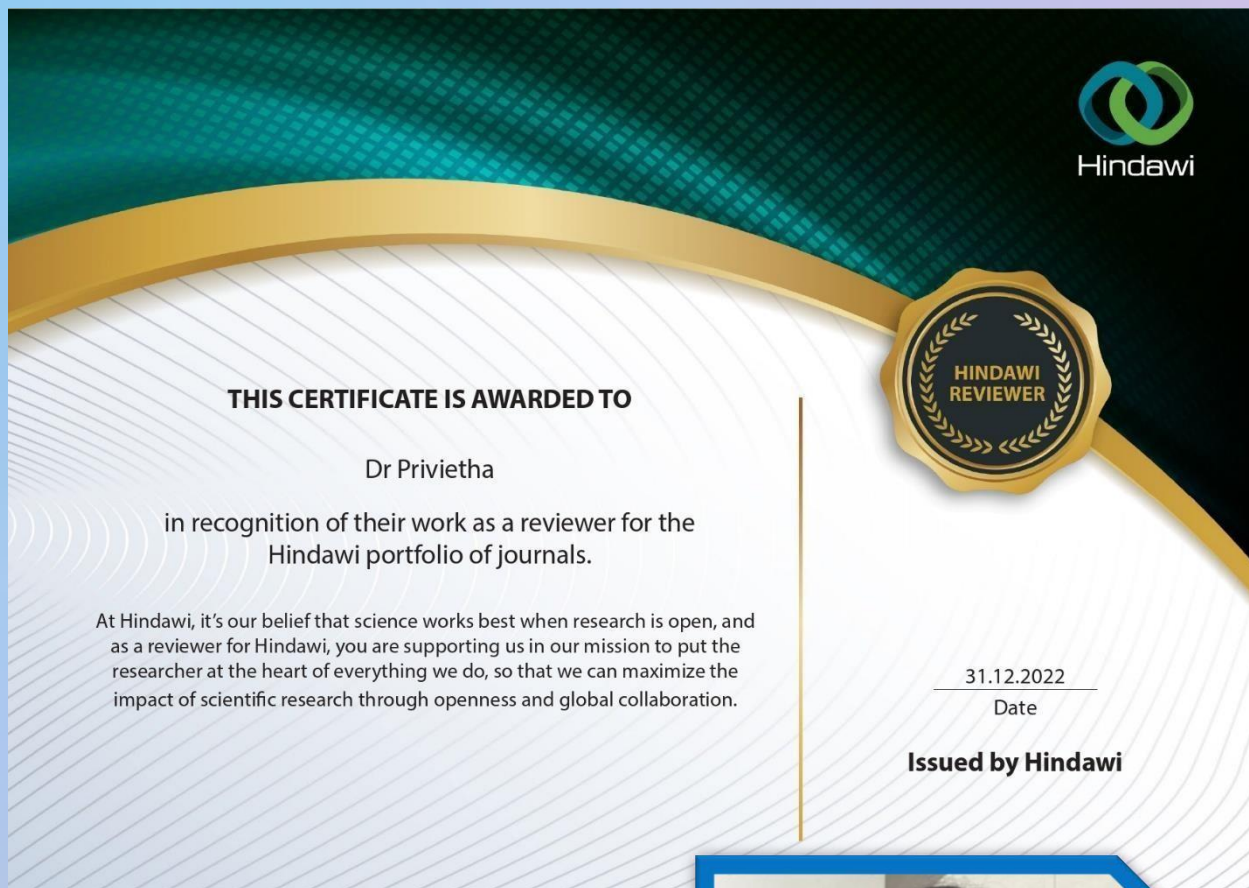
Certification Number: I544-9323

A handwritten signature in black ink, appearing to read "Satya N.".

Satya Narayana Nadella

Microsoft Certified : Azure Fundamentals – Dec 2022

ACHIEVEMENTS



**Reviewer in
Hindawi Journals -
2022**



ACHIEVEMENTS



**Teaching Excellence
Award from IIT Madras
Research Park, Chennai**



ACHIEVEMENTS



ACHIEVEMENTS



Build – A - Thon - 2022

ACHIEVEMENTS



Build – A - Thon - 2022

ACHIEVEMENTS



M.NIRMALA HICET STAFF MCA <nirmala.mca@hicet.ac.in>

Congratulations for being a Top Mentor at IBM Hack Challenge 2022

1 message

Mani Madhukar1 <manimad9@in.ibm.com>

21 October 2022 at 17:09

Dear Mentor,

Congratulations on being one of the top mentors for students participating in IBM Hack Challenge 2022. You are cordially invited to the finale on 10th Nov 2022 to receive your certificate and award.



IBM Hack Challenge 2022 Awards

Code For A Better Future

Date: November 10, 2022

Time: 09:30 AM - 4:30 PM

IBM, Block A, Embassy Golf Links
Business Park, Bangalore.



Dear Mentor,

Congratulations on being one of the top mentors and an integral part of IBM Hack Challenge 2022.

This engaging month-long event, with students participating from across India wouldn't have been possible without your guidance and leadership.

You are cordially invited to the finale on November 10, 2022, where we intend to felicitate the top teams, mentors, and institutions. Do join us for a day-long event at our office in Bangalore.

The projects chosen by students has been instrumental in the goal to create solutions for a better future while also helping build their skills. The participants are battling it out to bag awards in various categories.

This will also be a networking opportunity where you can network with IBM India leaders and enjoy curated panel discussions focused on technology and the youth.

Please confirm your presence at the finale by responding to this email by October 28, 2022

Thanks and regards

Mani Madhukar, Ph.D.



Top Mentor at IBM Hack Challenge 2022

ACHIEVEMENTS

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**TOP
PERFORMING
MENTOR**

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in recognition of his/her role as mentor for the
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ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022


Mentees Enrolled	Mentees Present	Score (in %)					
		Certified (Score in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
14	14	3	3	8	0	0	0



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

NPTEL Mentor - 2022

ACHIEVEMENTS

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DEEPA N



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COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
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ENHANCING SOFT SKILLS AND PERSONALITY


JAN - APR 2022


Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
12	12	3	2	5	2	0	0




PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

NPTEL Mentor - 2022

ACHIEVEMENTS

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विद्यया भारत, उन्नत भारत

**TOP PERFORMING MENTOR**

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ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022


Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
13	11	1	5	3	1	1	1


PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



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NPTEL Online Certification course

ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
7	7	1	3	3	0	0	0



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

NPTEL Mentor - 2022

ACHIEVEMENTS



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OF APPRECIATION

is awarded to

M. NIRMALA

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NPTEL Online Certification course

ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022

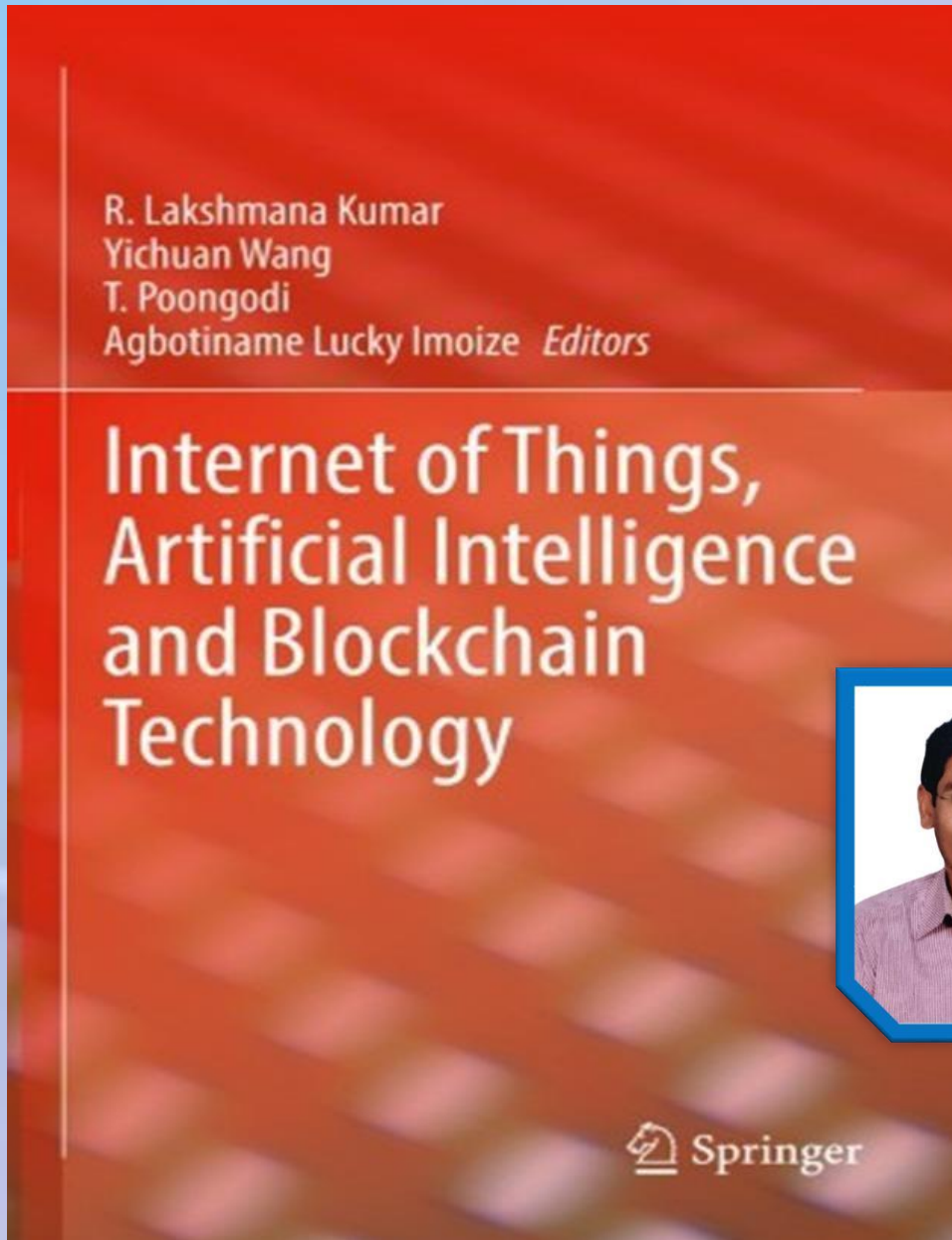
Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
22	21	4	9	8	0	0	0


PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



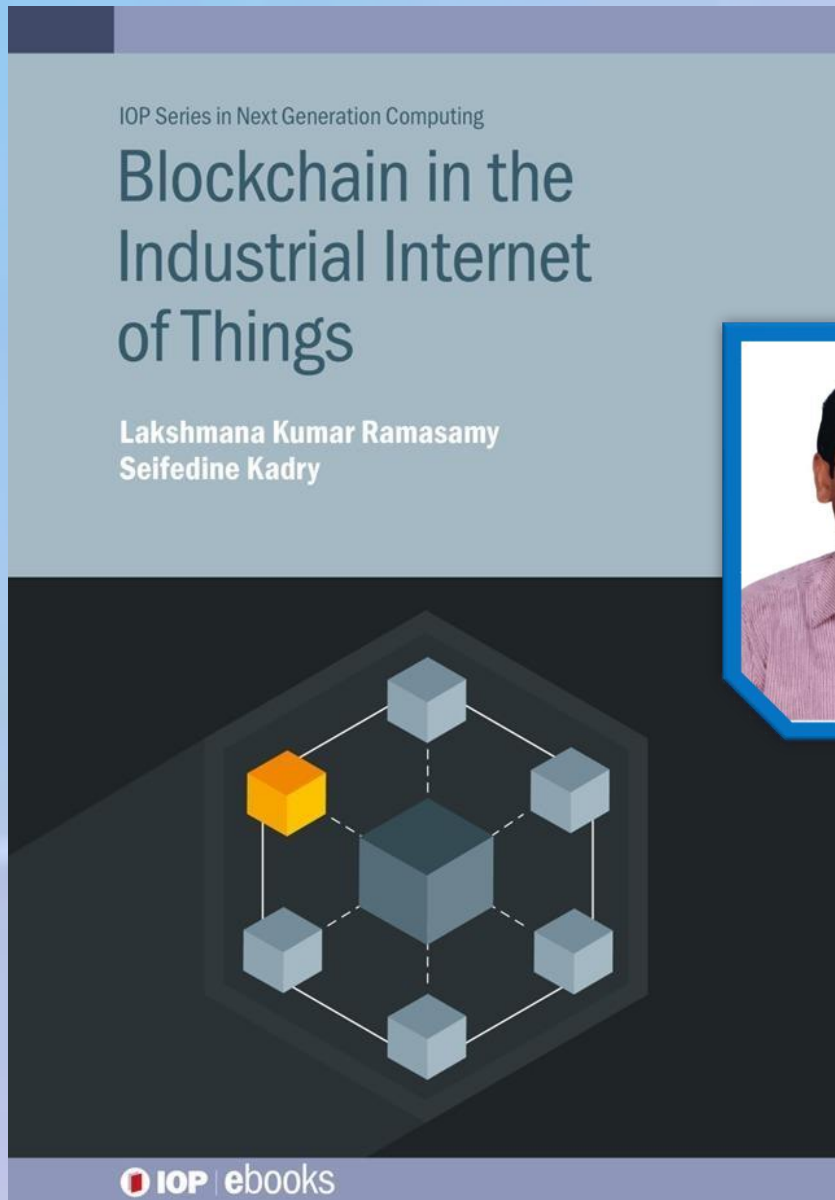
NPTEL Mentor - 2022

ACHIEVEMENTS



Book Publication

ACHIEVEMENTS



Book Publication

ACHIEVEMENTS

TRƯỜNG ĐẠI HỌC THỦ DẦU MỘT
KHOA KỸ THUẬT - CÔNG NGHỆ



Ref: Short-Term Pilot Project /2021/B001- Certificate

Date: August 31, 2021

TO WHOM IT MAY CONCERN

This is to certify that **Dr. R Lakshmana Kumar** (Enrollment No-DAAI-i3 Labs/STPPRP/2021/B001), Department of Computer Applications, Hindusthan College of Engineering and Technology, Coimbatore – 641 032, Tamil Nadu, INDIA has successfully completed Short Term Post- PhD* Pilot Research Project 2021 and details as follows –

Duration – March 01 – August 31, 2021

Supervisor – **Dr. Bui Thanh Hung**, Director of DAAI Lab, Thu Dau Mot University, Vietnam

Topic – **Federated Machine Learning based on Cyber Security**

Best wishes


TS. Bui Thanh Hung

Dr. Bui Thanh Hung
Director of Data Analytics & Artificial Intelligence Laboratory – DAAI Lab
Director of Artificial Intelligence & Information System Programme
Institute of Engineering - Technology
Thu Dau Mot University
06 Tran Van On street, Phu Hoa district, Thu Dau Mot city, Binh Duong province, Vietnam
Mobile: (+84) 908542521
Email: hungbt.cntt@tdmu.edu.vn

**Only PhD holders are eligible*



Short Term Pilot Study

ACHIEVEMENTS

Near East University
Turkey

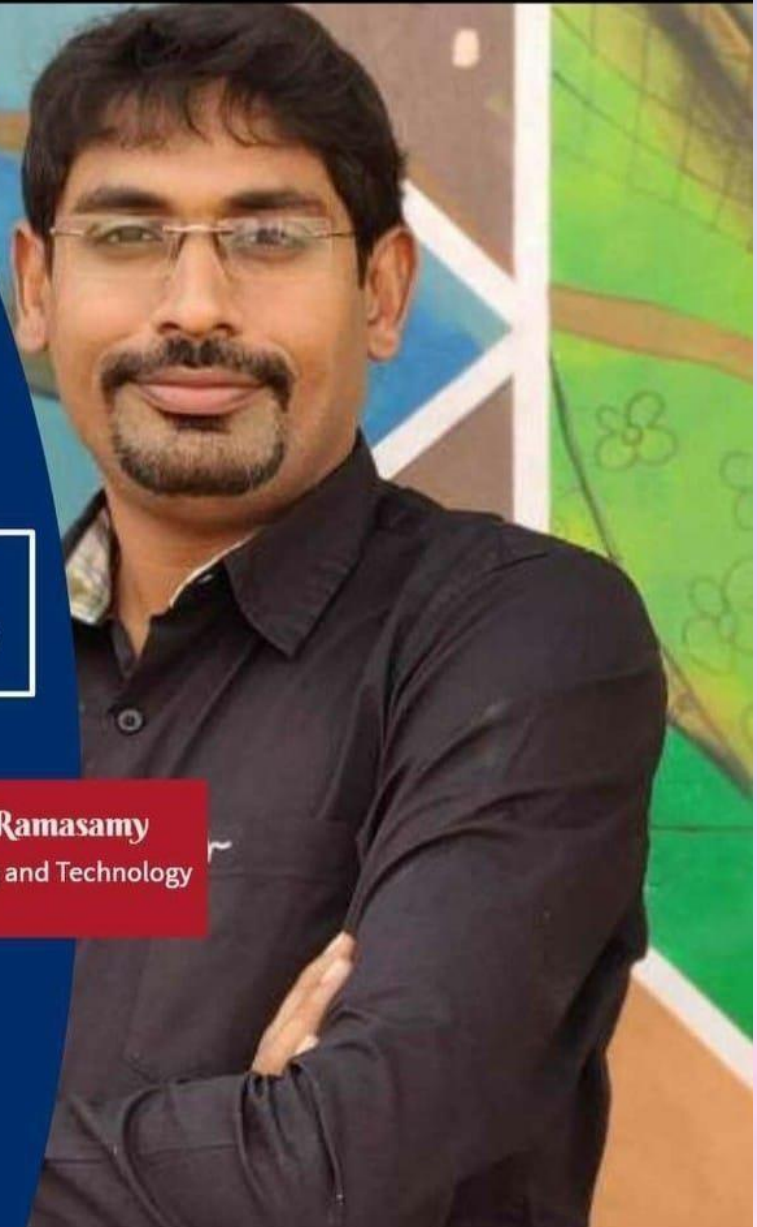
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Dr Lakshmana Kumar Ramasamy
Hindusthan College of Engineering and Technology
India

MAY 19, 2020
07.00 - 08.00 PM

www.researchlaksha.com



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SPEAKER

Azran Osman-Pani

Founding CEO
Naluri

Asia Artificial Intelligence
Virtual Summit 2020

Event
Date : 11st - 14th Jun 2020



SPEAKER

Angela Kim

WAI Education
Ambassador & APAC Lead
Head of AI
Teachers Health



SPEAKER

David Lim

CEO
WISE AI



SPEAKER

Dr. Lakshmana Kumar Ramasamy

Assistant Professor, Hindusthan College
of Engineering and Technology, India Board
of Directors & Chief Research
Scientist, ASIQC, Canada



Asia AI
Virtual Summit



ACHIEVEMENTS

INTERACTIVE MACHINE LEARNING IN CONTROL with Azure ML and Kaggle platform Application

Interested in learning a new skill and working with your fellow YP while doing it? Join us for this interactive session on machine learning in controls!

Speakers



Dr. S.L. Brunton
University of Washington
(Seattle, WA, USA)



Dr. R. Lakshmana Kumar
Hindusthan College of
Engineering and Technology
(Coimbatore, India)

Pre-Registration Link
<https://bit.ly/2Q7Jhvg>



Futher Details Link
<https://bit.ly/3hbEBQO>



Questions can be directed to: css-yp@ieee.org

Tue. **25**
AUGUST
2020
ONLINE
INTERACTIVE
SESSION

12 PM to
01:30 PM
EST



IEEE
young
professionals

ACHIEVEMENTS



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



IEEE
Robotics &
Automation
Society



IDEA FIND



Dr. LAKSHMANA RAMASAMY
Head of Centre of AI and ML
Hindusthan College of Engineering
and Technology
ROBOTICS IN DEFENSE AND SECURITY TRACK

SPEAKER



JOIN US
ON THE
10th of April

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 @ieee-ras-vit

ACHIEVEMENTS



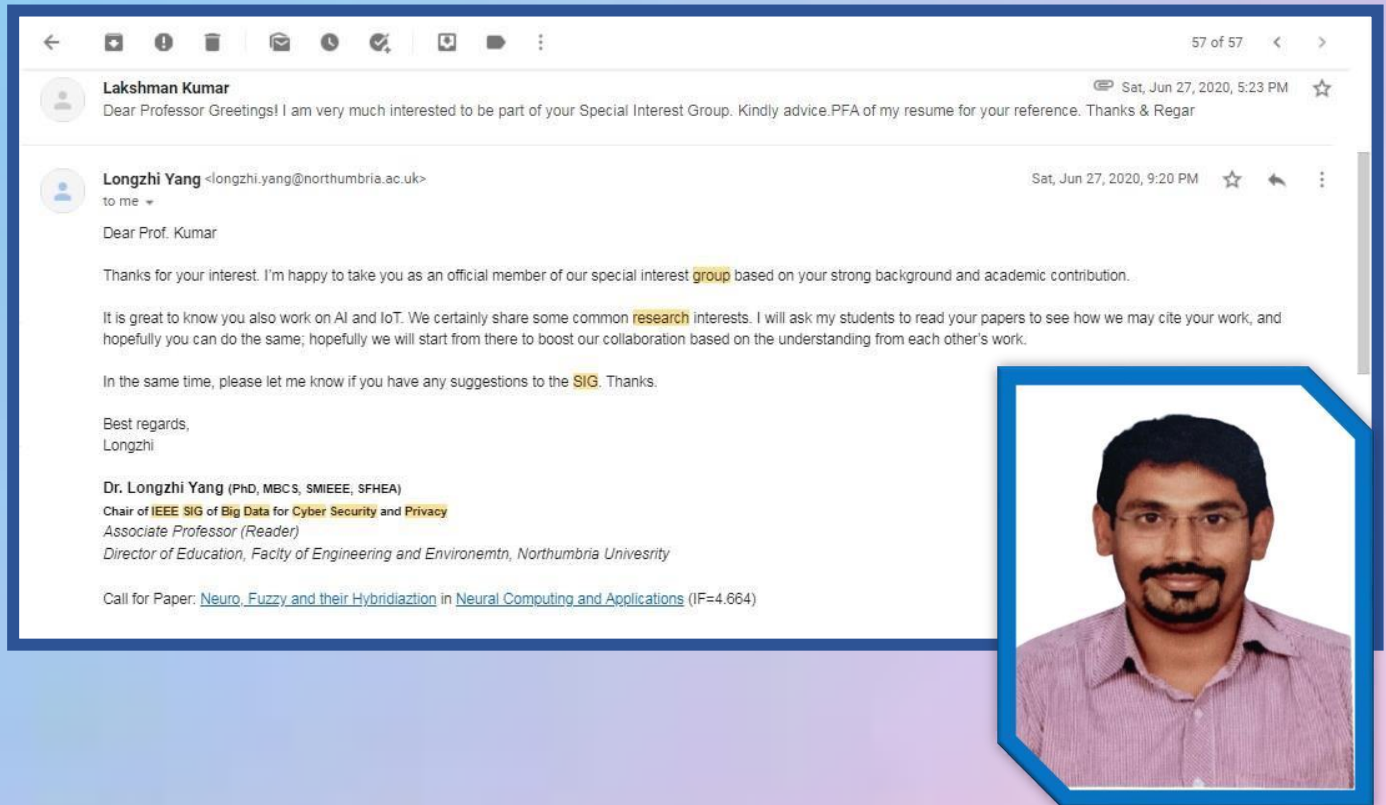
**Resource Person in Three days hands on
training AI in Cyber Security conducted
by National Cyber Defence Research
Center, New Delhi on 3/02/2021 to
5/02/2021**

ACHIEVEMENTS



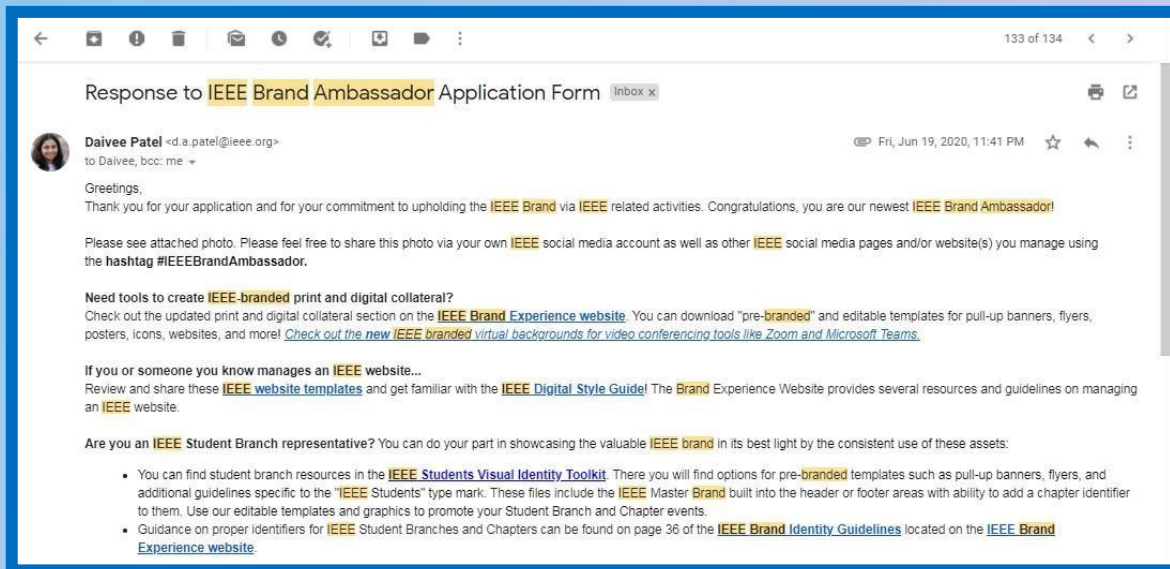
**Resource Person in Three days hands on
training AI in Cyber Security conducted
by National Cyber Defence Research
Center, New Delhi on 29/12/2020 to
31/12/2020**

ACHIEVEMENTS



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