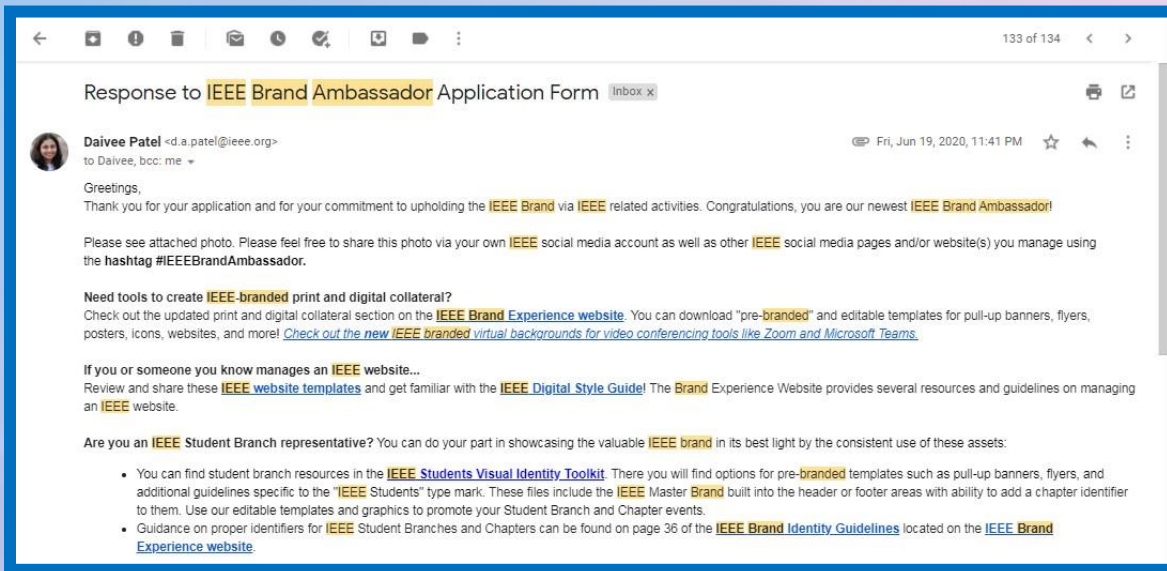
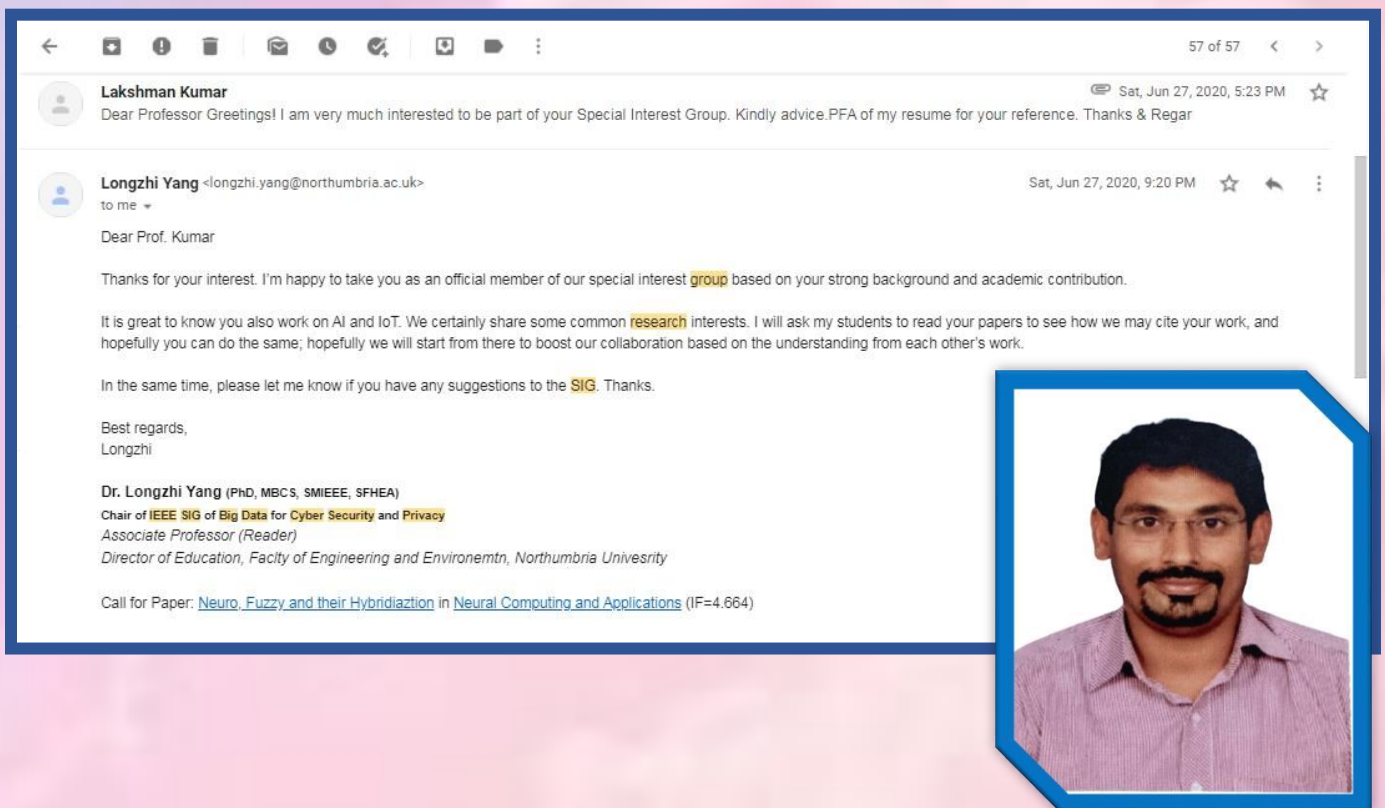


ACHIEVEMENTS



IEEE Brand Ambassador

ACHIEVEMENTS



The image shows a screenshot of an email thread. The first email is from Lakshman Kumar, dated Saturday, June 27, 2020, at 5:23 PM. The second email is from Longzhi Yang, dated Saturday, June 27, 2020, at 9:20 PM. The email content includes a greeting, an expression of interest in joining a Special Interest Group (SIG), and a request for a Professional File Address (PFA) of the sender's resume. Longzhi Yang also expresses gratitude and mentions shared research interests in AI and IoT. A portrait of Longzhi Yang is shown in a blue-bordered frame on the right side of the screenshot.

Lakshman Kumar Sat, Jun 27, 2020, 5:23 PM ☆
Dear Professor Greetings! I am very much interested to be part of your Special Interest Group. Kindly advice.PFA of my resume for your reference. Thanks & Regar

Longzhi Yang <longzhi.yang@northumbria.ac.uk> Sat, Jun 27, 2020, 9:20 PM ☆ ↩ ⋮
to me +
Dear Prof. Kumar

Thanks for your interest. I'm happy to take you as an official member of our special interest **group** based on your strong background and academic contribution.


It is great to know you also work on AI and IoT. We certainly share some common **research** interests. I will ask my students to read your papers to see how we may cite your work, and hopefully you can do the same; hopefully we will start from there to boost our collaboration based on the understanding from each other's work.

In the same time, please let me know if you have any suggestions to the **SIG**. Thanks.

Best regards,
Longzhi

Dr. Longzhi Yang (PhD, MBCS, SMIEEE, SFHEA)
Chair of **IEEE SIG of Big Data for Cyber Security and Privacy**
Associate Professor (Reader)
Director of Education, Faculty of Engineering and Environemtn, Northumbria Univesrity

Call for Paper: [Neuro, Fuzzy and their Hybridiaztion in Neural Computing and Applications](#) (IF=4.664)



IEEE Founding Member

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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

An Initiative by



राष्ट्रीय साइबर सुरक्षा और सुरक्षा मानकों
National Cyber Safety and
Security Standards

In Association with



Ministry of Electronics and
Information Technology,
Government of India

Certificate of Appreciation

This certificate is presented to

Dr. Lakshmana Kumar Ramasamy

IEEE Brand Ambassador

Director- R&D(AI), ASIQC, Canada

Hindusthan College of Engineering and Technology
Coimbatore, India

for your valuable contribution as a **Resource Person and Trainer** in the
"Three days hands on training Artificial Intelligence in Cyber Security (2nd batch)" conducted by
National Cyber Defence Research Centre, New Delhi.

Venue: National Cyber Defence Research Centre Lab,
Dept. CSE, Dayananda Sagar Academy of Technology & Manangement, Karnataka.
From date: 03rd Feb, 2021 to 05th Feb, 2021

Justice
Justice Dr. T.N. Vallinayagam

Chairman,
National Cyber Defence Research Centre, New Delhi



**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**

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IDEA  FIND



Dr. LAKSHMANA RAMASAMY

Head of Centre of AI and ML
Hindusthan College of Engineering
and Technology

ROBOTICS IN DEFENSE AND SECURITY TRACK



JOIN US
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10th of April

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SPEAKER

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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

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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

Learn from
the AI Experts



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



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SPECIAL SESSION

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MAY 19, 2020
07.00 - 08.00 PM

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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

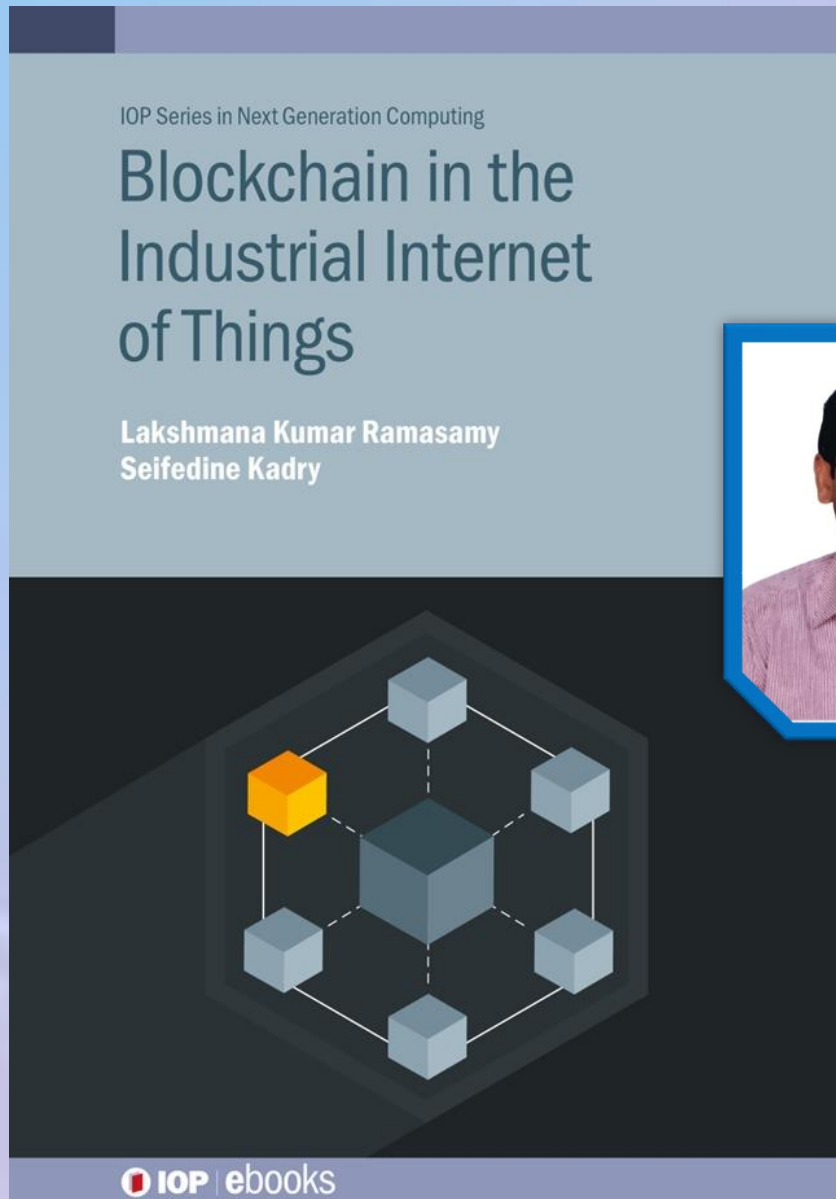
Email: hungbt.cntt@tdmu.edu.vn

**Only PhD holders are eligible*



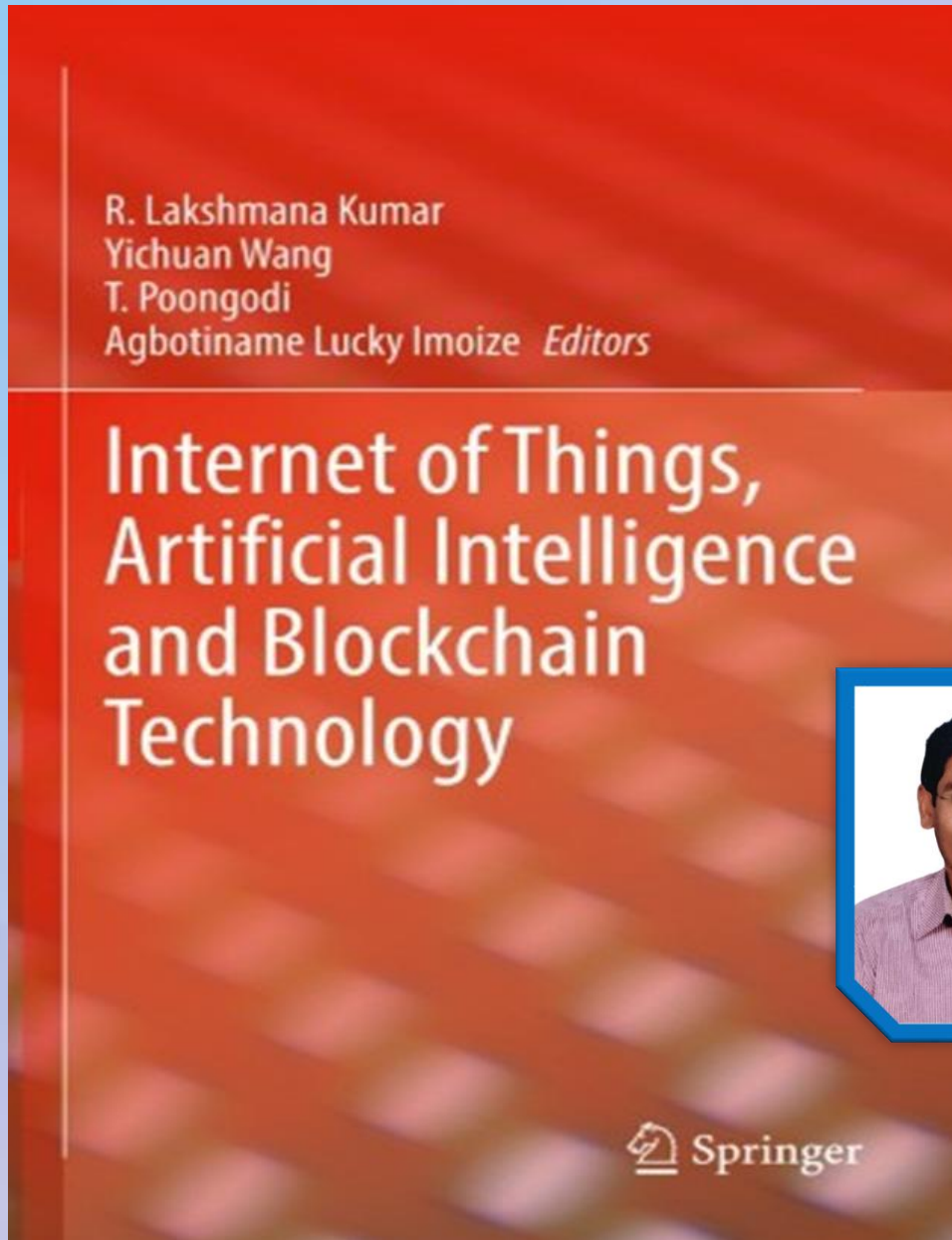
Short Term Pilot Study

ACHIEVEMENTS



Book Publication

ACHIEVEMENTS



Book Publication

ACHIEVEMENTS



CERTIFICATE

OF APPRECIATION

is awarded to

DR A R JAYASUDHA

HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY

COIMBATORE, TAMIL NADU

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

ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022






PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

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

NPTEL Mentor - 2022

ACHIEVEMENTS

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COIMBATORE, TAMIL NADU


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

ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022


Mentees Enrolled	Mentees Present	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

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CERTIFICATE
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HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE, TAMIL NADU


 **TOP PERFORMING MENTOR**


in recognition of his/her role as mentor for the
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
13	11	1	5	3	1	1	1





PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

NPTEL Mentor - 2022

ACHIEVEMENTS

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ENHANCING SOFT SKILLS AND PERSONALITY

JAN - APR 2022


PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



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

NPTEL Mentor - 2022

ACHIEVEMENTS



The certificate is awarded to **KARTHIK** from **HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY**, COIMBATORE, TAMIL NADU. It recognizes his role as a mentor for the NPTEL Online Certification course titled "ENHANCING SOFT SKILLS AND PERSONALITY" during the period of **JAN - APR 2022**. A blue ribbon on the left side of the certificate reads "TOP PERFORMING MENTOR". The certificate includes the NPTEL logo, the Swamyam logo, and a portrait of Prof. Andrew Thangaraj, NPTEL Coordinator at IIT Madras. A table at the bottom provides a breakdown of the performance of the 14 mentees.

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

NPTEL Mentor - 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.

ACHIEVEMENTS



Build – A - Thon - 2022

ACHIEVEMENTS



Build – A - Thon - 2022

ACHIEVEMENTS



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Coimbatore - 641032
www.hicet.ac.in

HEARTY CONGRATULATIONS



Dr Princess Maria John
on Successful completion of
Ph.D

Title : Automatic Personalized User
Preference Based Information Retrieval In Semantic Web Search



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(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)
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Karunya Nagar, Coimbatore 641 114, Tamil Nadu, India.

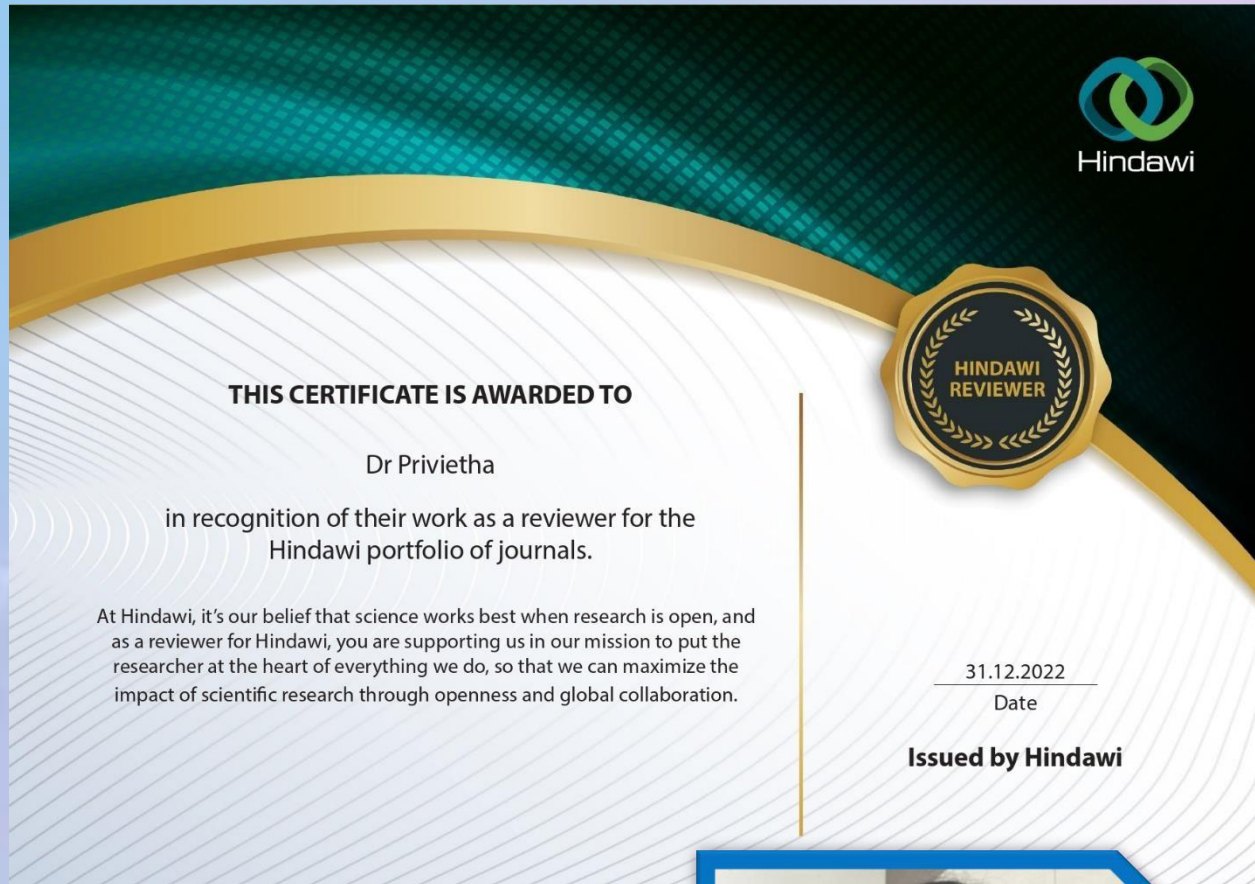


ACHIEVEMENTS



**Teaching Excellence
Award from IIT Madras
Research Park, Chennai
- 2022**

ACHIEVEMENTS



**Reviewer in
Hindawi Journals -
2022**



ACHIEVEMENTS



M NIRMALA

has successfully achieved the certification

Microsoft Certified: Azure Fundamentals

Date of achievement: December 25, 2022

Certification Number: I544-9323



Satya Narayana Nadella

**Microsoft Certified : Azure
Fundamentals – Dec 2022**

ACHIEVEMENTS



CERTIFICATE OF APPRECIATION

is awarded to

A R JAYASUDHA

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
19	18	1	9	8	0	0	0



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



NPTEL Mentor - July – Dec 2022



ACHIEVEMENTS

The certificate is presented on a white background with a blue and gold border. It features the NPTEL logo at the top left and the Swayam logo at the top right. A gold seal with a blue ribbon on the left side reads "TOP PERFORMING MENTOR". The central text reads "CERTIFICATE OF APPRECIATION is awarded to M. NIRMALA HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY COIMBATORE, TAMIL NADU". Below this, it states "in recognition of his/her role as mentor for the NPTEL Online Certification course". The course is identified as "SOFT SKILLS JUL - DEC 2022". A QR code is located at the bottom left. A photograph of M. Nirmala is shown in a rounded rectangular frame on the right. At the bottom right, there is a signature and the name "PROF. ANDREW THANGARAJ NPTEL Coordinator IIT Madras".

Mentees Enrolled	Mentees Present	Score (in %)		Certified (Score in %)				Toppers
		<40	40-59	60-74	75-89	>=90		
20	20	1	10	7	2	0	1	

NPTEL Mentor - July – Dec 2022

ACHIEVEMENTS



CERTIFICATE OF APPRECIATION

is awarded to



PRINCESS MARIA JOHN

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



Prof. Andrew Thangaraj
PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

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

NPTEL Mentor - July – Dec 2022

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.



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

Nirmala M.
Jayasudha A. R.
Priyetha P.

Network Programming with Linux

First Edition

LAP LAMBERT
Academic Publishing

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



Nirmala M Jayasudha A R
Princess Maria John
Privietha P

Data Science, Analytics & Modelling

A Beginners Perspective



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.



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.



9 786206 148838

Princess Maria John
A.R. Jayasudha M. Nirmala
Priyetha 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 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.



Jaya sudha AR, Nirmala M
Princess Maria John
Privietha P



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.

Security in Computing

Tools and Techniques



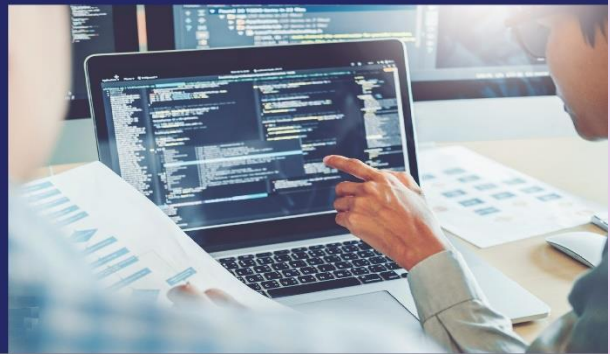
 **LAMBERT**
Academic Publishing

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 mongodb 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



LAP LAMBERT
Academic Publishing

Book Publication

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HEARTY CONGRATULATIONS



Dr P Privietha
on Successful completion of
**Ph.D in Master of Computer
Applications**

Title : An Improved Deep Learning Technique on Gait Analysis



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
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