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**CERTIFICATE OF PARTICIPATION**

It is hereby informed that

C.RAVIKUMAR


**Mechatronics Engineering**

**Paavai Engineering College, Namakkal**

has participated in the One-day online National level workshop on  
"ENERGY STORAGE AND CONVERSION" organized by Department of  
Chemical Engineering, St. Michael College of Engineering & Technology,  
Tamil Nadu, India on 11.11.2021.

  
**Dr. GEETHA MANOHARAN**  
Head Of the Department

  
**Dr. S. KARPAGAM**  
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**S.RAJASEKAR**


**Mechatronics Engineering**

**Paavai Engineering College, Namakkal**

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Chemical Engineering, St. Michael College of Engineering & Technology  
Tamil Nadu, India on 11.11.2021.

  
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Head Of the Department

  
**Dr. S. KARPAGAM**  
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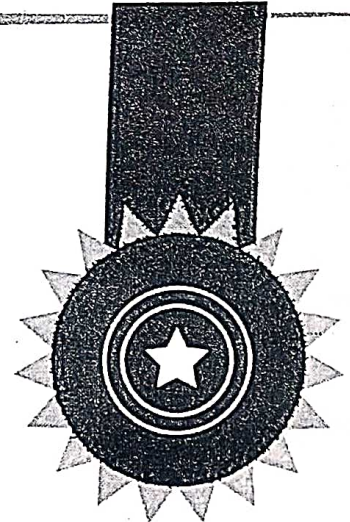
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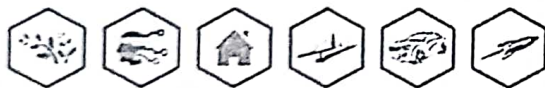
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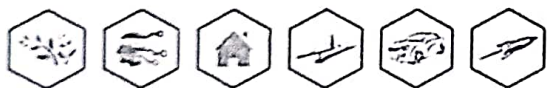
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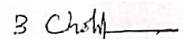


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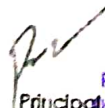
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In International Conference on  
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# Frequency Stability Analysis of Microgrid interconnected Thermal Power Generating System with GWO tuned PID controller

Publisher: IEEE

Cite This

DOI

K. Jagatheesan; Sourav Samanta; D. Boopathi; E. Anand; All Authors

10  
Full  
Text Views



<b>Abstract</b>	<b>Abstract:</b>
Document Sections	In this proposed research delivers about the frequency stabilization of hybrid power system (thermal unit with Distribution Generation System (DGS)) is analyzed by considering Proportional Integral Derivative (PID) regulator as an auxiliary controller. Gain values of the introduced regulator is tuned by Grey Wolf Optimization (GWO) technique with the Integral - Time - Absolute - Error (ITAE) objective function. The behavior of the projected optimization technique tuned controller is examined in this research work by comparing the response with Genetic Algorithm (GA), Particle Swarm Optimization (PSO) and Ant Colony Optimization (ACO) tuned controller behavior to show its efficacy. In the proposed work, all the analysis is carried out by applying one percent step - load - perturbation - 1% SLF. And, also time domain specification parameters are measured to demonstrate the effectiveness of GWO dependent on the PID controller. Simulation results proves that GWO designed PID controller provides more supremacy (lessen Peak overshoot and undershoot with minimal settling time) result during emergency loading condition over GA, PSO and ACO technique designed secondary PID controller.
I. Introduction	
II. Controller and Cost Function	
III. Investigated System	
IV. Optimization Algorithm	
V. Performance Analysis	
Show Full Outline	

Authors Published in: 2021 9th IEEE International Conference on Power Systems (ICPS)

Figures Date of Conference: 16-18 Dec. 2021

DOI: 10.1109/ICPS52429.2021.9670154

References Date Added to IEEE Xplore: 14 January 2022

Publisher: IEEE

Keywords ISBN Information:


Conference Location: Kharagpur, India

<b>More Like This</b>
Load frequency control of a single area hybrid power system by using integral and LQR based integral controllers 2018 20th National Power Systems Conference (NPSC) Published: 2018
Intelligent load frequency control approach for multi area interconnected hybrid power system 2017 International Conference on Technological Advancements in Power and Energy (TAPPE) Published: 2017
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## Meta-heuristic Strategy Planned Controller for Frequency Supervision of Integrated Thermal Plant with Renewable Source

Publisher: IEEE [Cite This](#) 

D Murugesan, K Jagatheesan, D Eelapathi, All Authors



### Abstract

#### Document Sections

- I. Introduction
  - II. System Modeling
  - III. Controller and Cost Function
  - IV. Ant Colony Optimization Technique
  - V. Result and Discussion
- [Show Full Outline >](#)
- Authors
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- References

### Abstract:

In this article, an application of the metaheuristic optimization approach designed Proportional - Integral - Double Derivative (PID) controller is recommended to implement Automatic Generation Control (AGC) / Load Frequency Control (LFC). It consists of two areas integrated thermal power plants with renewable energy sources. The Ant Colony Optimization (ACO) algorithm is recommended to reap the benefit parameters of the controller inclusive of Proportional gain (Kp), Integral gain (Ki), and Double-Derivative gain (Kd). The Integral of Time Absolute Error (ITAE) is considered as the objective function for ACO. Performance of the proposed controller (ACO - PID) with ACO-PID and Conventional PID is in comparison and it proves the improvement as for all time-domain parameters in the proposed framework.

Published in: 2021 IEEE 3rd PNC Conference on Ethically Driven Innovation and Technology for Society (PNC-EDITS)

Date of Conference: 12-13 Nov 2021

DOI: 10.1109/PNC-EDITS53205.2021.9649544

Date Added to IEEE Xplore: 24 December 2021

Publisher: IEEE

ISBN Information:

Conference Location: Bangalore, India

#### 1. Introduction

In recent days the growth of industries and modernization of domestic life creates more demand for power demand. To balance the

### More Like This

Cyber Attack Defense Analysis for Automatic Generation Control with Renewable Energy Sources  
2013 North American Power Symposium (NAAPS)  
Published: 2013

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2021 IEEE International Conference on Adv. Trends in Multidisciplinary Research and Innovation (ICATMI)  
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**Dr .A.Hema Sekhar**  
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(7th Edition)

International Conference on Adaptive Technologies for Sustainable Growth (Online Mode)

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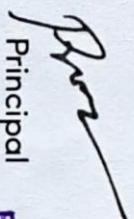
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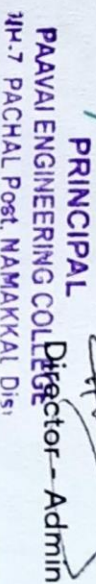
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(7th Edition)

International Conference on Adaptive Technologies for Sustainable Growth (Online Mode)

29<sup>th</sup> Oct 2021

## CERTIFICATE OF PARTICIPATION

This is to certify that

Dr.V. ANNAPPOORANI

Paavai Engineering College

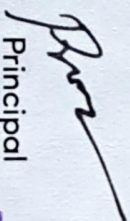
Presented a Paper Titled

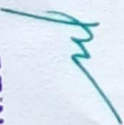
TOKENIZING THE NUMEROUS LEGAL DOCUMENTS TO THE HELP OF NOVEL LAWYERS

in the International Conference organized by Paavai Engineering College (Autonomous), Namakkal, Tamilnadu

on 29<sup>th</sup> Oct 2021

  
Convener

  
Principal

  
**PRINCIPAL**  
PAAVAI ENGINEERING COLLEGE  
Director-Admin





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(AUTONOMOUS)

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International Conference on Adaptive Technologies for Sustainable Growth (Online Mode)

29<sup>th</sup> Oct 2021

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This is to certify that

Mr.C. RATHNAKUMAR

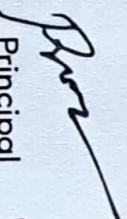
Paavai Engineering College


Presented a Paper Titled

CLOUD MULTI - ACCOUNT POLICY ENFORCEMENT

in the International Conference organized by Paavai Engineering College (Autonomous), Namakkal, Tamilnadu  
on 29<sup>th</sup> Oct 2021

  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
4th-7 PACHAL Post, NAMAKKAL  
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29<sup>th</sup> Oct 2021

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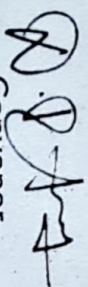
**Mrs.M. GEETHA**

Paavai Engineering College

Presented a Paper Titled

**A GOAL FOR COLLECTING AND RETRIEVING DOCUMENTS FROM TEXT DOMAIN**

in the International Conference organized by Paavai Engineering College (Autonomous), Namakkal, Tamilnadu  
on 29<sup>th</sup> Oct 2021

  
Convener

  
**PRINCIPAL**  
PAAVAI ENGINEERING COLLEGE  
7, PACHAL Post, NAMAKKAL Dist  
  
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(Ministry of Education Initiative)

## ICATS - 2021

(7th Edition)

International Conference on Adaptive Technologies for Sustainable Growth (Online Mode)

29<sup>th</sup> Oct 2021

## CERTIFICATE OF PARTICIPATION

This is to certify that

Mrs.M. KAVITHA

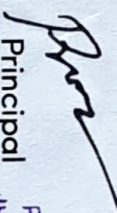
Paavai Engineering College


Presented a Paper Titled

COMPUTATIONAL MODEL AND REPRESENTATION FOR DATA SCIENCE

in the International Conference organized by Paavai Engineering College (Autonomous), Namakkal, Tamilnadu  
on 29<sup>th</sup> Oct 2021

  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr. \_\_\_\_\_ R. PRAVEEN CUMAR, Professor & Head, PHARMACEUTICAL TECHNOLOGY \_\_\_\_\_ of \_\_\_\_\_ Paavai Engineering College \_\_\_\_\_ participated and presented a paper entitled \_\_\_\_\_ FORMULATION AND IN-VITRO EVALUATION OF OSMOTIC DRUG DELIVERY SYSTEM OF \_\_\_\_\_ ACEBUTOLOL \_\_\_\_\_ in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

11/10/21  
Convenor

Principal

PRINCIPAL  
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NH-44, PACHAL, NAMAKAL DIST

Director-Administration



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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. M.G.KARTHIK, Assistant Professor, PHARMACEUTICAL TECHNOLOGY of Paavai Engineering College participated and presented a paper entitle PREPARATION OF DETOXIFYING AND SKIN WHITENING FACE CREAM In International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

H. Jeyaraj  
Convener

Principal

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
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Director-Administration





# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE 638 060 TAMILNADU INDIA

Department of Chemical Engineering

## CERTIFICATE

This is to certify that Mr./Ms./Dr. MT. PONMANIAN, Pavai Engineering College.  
has participated in the CSIR sponsored National Seminar entitled "Greenhouse Gas Emissions and Carbon  
Dioxide Sequestration by Agroforestry Systems for Sustainable Future" held on 19.11.2021 organized by the  
Department of Chemical Engineering, Kongu Engineering College, Perundurai, Erode.

  
Co-ordinator

  
Head of the Department  
KONGU  
Assisting the Post

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. M. PONMANIAN, Assistant Professor, PHARMACEUTICAL TECHNOLOGY                      of

Paavai Engineering College                      participated and

presented a paper entitle IN-VITRO AND IN-SILICO INVESTIGATION OF ANTI-BIOFILM ACTIVITY OF CYMBOPOGON

CITRATUS EXTRACT AGAINST METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS in International Conference on

Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering

College on 20<sup>th</sup> October 2021.

H. Jeyaraj  
Convener

Principal

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# NARSIMHA REDDY ENGINEERING COLLEGE

## Department of Computer Science & Engineering AICTE Sponsored International Online Conference on Artificial Intelligence & Smart Computing (ICAISC)

This is certify that MR.B VENKATESAN, ASSOCIATE PROFESSOR / IT

of PAAVAI ENGINEERING COLLEGE

has presented the paper

titled HARNESSING ARTIFICIAL INTELLIGENCE CAPABILITIES IN CYBER SECURITY

in AICTE sponsored International online Conference on "Artificial Intelligence & Smart Computing (ICAISC)" organised by the Department of Computer Science and Engineering, Narsimha Reddy Engineering College, Secunderabad held during 22-23, October 2021.

Dr. R. Rajagopal  
Co-ordinator

Dr. U.M. Fernandes Diml  
Convener & HOD / CS  
PAAVAI ENGINEERING COLLEGE

Dr. P. Sekhar Babu  
Vice-Chair & Principal  
PAAVAI ENGINEERING COLLEGE  
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Maisamaguda, Secunderabad, Telangana.



## Department of Computer Science & Engineering

### AICTE Sponsored

### International Online Conference on

### Artificial Intelligence & Smart Computing (ICAISC)

This is certify that Mr.P.Muthusamy , ASSOCIATE PROFESSOR / IT

of PAAVAI ENGINEERING COLLEGE

has presented the paper

titled Intelligent Assistive System for visually challenged people

in AICTE sponsored International online Conference on "Artificial Intelligence & Smart Computing (ICAISC)" organised by the Department of Computer Science and Engineering, Narsimha Reddy Engineering College, Secunderabad held during 22-23, October 2021.



Dr. R. Rajagopal  
Co-ordinator



Dr. U. M. Fernandes Dimlo  
Convener & HOD/CSE

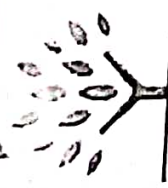


Dr. P. Sekhar Babu  
Conference Chair & Principal

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114-7 PACHAL Post, NAMAKKAL Dist



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## Department of Computer Science & Engineering AICTE Sponsored International Online Conference on Artificial Intelligence & Smart Computing (ICAISC)

This is certify that MR.B.VENKATESAN, ASSOCIATE PROFESSOR / IT

of PAAVAI ENGINEERING COLLEGE

has presented the paper

titled INTELLIGENT ASSISTIVE SYSTEM FOR VISUALLY CHALLENGED PEOPLE

in AICTE sponsored International online Conference on "Artificial Intelligence & Smart Computing (ICAISC)" organised by the Department of Computer Science and Engineering,

Narsimha Reddy Engineering College, Secunderabad held during 22-23, October 2021.

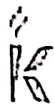
Dr. R. Rajagopal  
Co-ordinator

Dr. U. M. Fernandes Dimlo  
Convener & HOD/CBPRINCIPAL

Dr. P. Sekhar Babu  
Conference Chair & Principal

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JH-7, PACHAL Post, NAMAKKAL Dist





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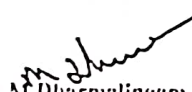
Namakkal -Trichy, Main Road, Thottiam, Trichy-621215

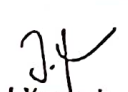
## Certificate of Participation


Dr./ Mr. /Ms. G. MADASAMY RAJA of  
PAAVAI ENGINEERING COLLEGE

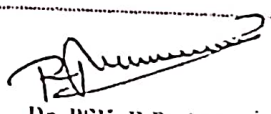
has presented in the  
International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held  
from 22<sup>nd</sup> to 23<sup>rd</sup> October 2021 at Kongunadu College of Engineering and Technology (Autonomous),  
Trichy, Tamilnadu, India.

He / She has presented a paper entitled A TECHNIQUE TO TRANSFERING DATA  
BETWEEN CLOUD SERVERS IN DISASTER

  
Dr. M. Dharmalingam  
Conference Co-Coordinator  
HOD(ECE)

  
Dr. J. Yogapriya  
Conference Secretary  
Dean (R&D)

  
Dr. R. Asokan  
Conference Coordinator  
Principal

  
Dr. P. S. R. Periaswamy  
Chief Patron  
Chairman

  
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14-7, PACHAL Post, NAMAKKAL Dist





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### Certificate of Participation


Dr./ Mr. /Ms. GI. MADASAMY RAJA of


PAAVAI ENGINEERING COLLEGE

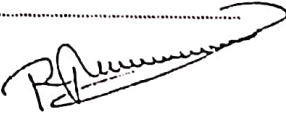
has presented in the International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held from 22<sup>nd</sup> to 23<sup>rd</sup> October 2021 at Kongunadu College of Engineering and Technology (Autonomous), Trichy, Tamilnadu, India.

He / She has presented a paper entitled VIRTUAL BRAIN FOR WEBSITE BASED SECRET MAINTENANCE SYSTEM

  
Dr. M. Dhanmalingam  
Conference Co-Coordinator  
HOD(ECE)

  
Dr. J. Yogapriya  
Conference Secretary  
Dean (R&D)

  
Dr. R. Asokan  
Conference Coordinator  
Principal

  
Dr. P.S.K. R. Periaswamy  
Chief Patron  
Chairman

  
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## Certificate of Participation

Dr./ Mr./ Ms. M. PUSHPALATHA of

PAVAI ENGINEERING COLLEGE has presented in the

International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held from 22<sup>nd</sup> to 23<sup>rd</sup> October 2021 at Kongunadu College of Engineering and Technology (Autonomous), Trichy, Tamilnadu, India.

He / She has presented a paper entitled FOOD SAFETY TRANSPARENCY AND

TRACEABILITY SYSTEM BASED ON MACHINE LEARNING ENABLED BY

BLOCK CHAIN TECHNOLOGY

Dr. M. Dharmalingam

Conference Co-Coordinator  
HODIECEI

Dr. J. J. Jeyapriya

Conference Secretary  
PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
Dean  
Namakkal Dist.

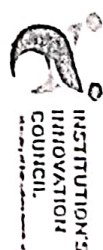
Dr. K. Sakkan

Principal

Dr. PSK. R. Periasamy

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### Certificate of Participation

Dr./ Mr./ Ms. ....

P. THIYAGARAJAN

of

PAAVAI ENGINEERING COLLEGE

has presented in the

International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held  
from 22<sup>nd</sup> to 23<sup>rd</sup> October 2021 at Kongunadu College of Engineering and Technology (Autonomous),  
Trichy, Tamilnadu, India.

He / She has presented a paper entitled **RFID BASED ATTENDANCE**

**SYSTEM USING FACE BIOMETRICS**

Dr. M. Dharmalingam  
Conference Co-Coordinator  
HOD(CE)

Dr. J. J. Vignapriya  
Conference Secretary  
Dean (R&D) **PRINCIPAL**

Dr. R. Asokan  
Conference Coordinator  
Principal

Dr. PSK. R. Periaswamy  
Chief Patron  
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of


International Conference on Emerging Trends in Communication and Networking (ETCAN'21) held  
from 22<sup>nd</sup> to 23<sup>rd</sup> October 2021 at Kongunadu College of Engineering and Technology (Autonomous),  
Trichy, Tamilnadu, India.

He / She has presented a paper entitled TWO LEVEL AUTHENTICATION  
FOR DATA PROTECTION

  
Dr. M. Dharmalingam  
Conference Co-Coordinator  
HOD(ECE)

  
Dr. J. Yogapriya  
Conference Secretary  
Dean (R&D)

  
Dr. K. Asokan  
Conference Coordinator  
Principal

  
Dr. PSK. R. Periaswamy  
Chief Patron  
Chairman

  
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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs.B.DEEPA, ASSISTANT PROFESSOR of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled IOT BASED SOCIAL DISTANCING AND MONITORING ROBOT FOR QUEUE in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

Convenor

Principal

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International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)


## CERTIFICATE

This is to certify that Mr.S.SaravanaKumar, ASSISTANT PROFESSOR of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled SMART MIRROR TV in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
Director-Administration

  
PRINCIPAL  
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MELMARUVATHUR - 608319



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## Department of Computer Science and Engineering Organizing

### VIRTUAL INTERNATIONAL CONFERENCE ON TECHNOLOGICAL ADVANCEMENT IN COMPUTERS AND COMMUNICATION (ICTACC'22)

#### CERTIFICATE OF PARTICIPATION


This is to certify that ..... Mr. B. VENKATESAN ..... of

..... PAAVAI ENGINEERING COLLEGE, NAMAKKAL ..... has presented a paper in the title .....


..... GUIDANCE SYSTEM FOR VISUALLY CHALLENGED PEOPLE USING MACHINE LEARNING ..... in

VIRTUAL INTERNATIONAL CONFERENCE ON TECHNOLOGICAL ADVANCEMENT IN COMPUTERS AND COMMUNICATION (ICTACC'22)

on 1<sup>st</sup> June, 2022 organized by Department of Computer Science and Engineering, Adhiparasakthi Engineering  
College in association with Computer Society of India - Kancheepuram Chapter.

  
COORDINATORS  
Mrs. R. Sridhyaa, AP/CSE  
Mr. K. Prasannakumar, AP/CSE

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
PRINCIPAL  
Dr. C. Dhishan, PGH/Asst. Post. NAMAKKAL Dist.  
Dr. J. Raja

  
CHAIRMAN  
CSI - Kancheepuram Chapter  
Prof. M. Murugan



**SRI VENKATESWARAA**

**COLLEGE OF TECHNOLOGY**

BHB Nagar, Vadakkal, Sriperumbudur - 602105

Approved by  
AICTE, New Delhi  
Affiliated to  
Anna University,  
Chennai

**International Conference on Science,  
Engineering and Technology**

**CERTIFICATE**



This is to Certify that Dr./Mr./Mrs.

**Mrs.N.Hemalatha**

has presented a paper entitled

**PERSON AUTHENTICATION SYSTEM USING MULTI MODEL BIOMETRICS**

in Virtual 3<sup>rd</sup> International Conference on Science, Engineering and Technology  
(ICSET 2k22) held on 26<sup>th</sup> & 27<sup>th</sup> May 2022 organised by  
Sri Venkateswara College of Technology, Chennai

Convenor

PRINCIPAL

Principal

PAAVAI ENGINEERING COLLEGE  
14-7 PACHAL Post, NAMAKKAL Dist





**SRI VENKATESWARAA  
COLLEGE OF TECHNOLOGY**  
BHB Nagar, Vadakal, Sriperumbudur - 602105

Approved by  
AICTE, New Delhi  
Affiliated to  
Anna University,  
Chennai

**International Conference on Science,  
Engineering and Technology**

**CERTIFICATE**

This is to Certify that Dr./Mr./Mrs.

**MADASAMY RAJA.G**

has presented a paper entitled

**PERSON AUTHENTICATION SYSTEM USING MULTI MODEL BIOMETRICS**



in Virtual 3<sup>rd</sup> International Conference on Science, Engineering and Technology  
(ICSET 2k22) held on 26<sup>th</sup> & 27<sup>th</sup> May 2022 organised by  
Sri Venkateswara College of Technology, Chennai

Convenor

PRINCIPAL

Principal

PAAYAL ENGINEERING COLLEGE  
4th & 7th PACHAL Post, NAMAKKAL Dist



**MAHSA**  
UNIVERSITY  
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**ICRIRCMS 2022**  
Certificate of Participation

presented to

*Hemalatha N*

Paavai Engineering College, Namakkal

for presenting a paper entitled

An analysis and intimation of vulnerability in Amazon Web  
Service

virtually in the Conference held during  
June 10-11, 2022



  
Dr. A. Kumaravel  
Conference Chair

  
Dr. R. Gopalakrishnan  
Principal

C. ID: KSRCT0622CTRCMA041

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
14.7 PACHAL Post, NAMAKKAL Dist

Date: June 10, 2022



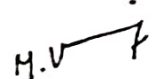



**KURINJI COLLEGE OF ENGINEERING AND TECHNOLOGY**  
MANAPPARAI, TIRUCHIRAPPALLI - 621 307


**2<sup>nd</sup> NATIONAL CONFERENCE  
(RTESM KCET -2022)**



This is to Certify that Dr. / Mr. / Mrs. / Ms. P. ANITHA, Asst. Prof. (PEC)  
has participated / presented a Paper entitled Dynamic Allocation For Big Data  
Center Using Live Migration of Virtual Machine  
in the 2<sup>nd</sup> National Conference on "RECENT TRENDS IN ENGINEERING, SCIENCE AND MANAGEMENT"  
(RTESM-KCET 2022), organized by Kurinji College of Engineering and Technology, on 9th June 2022.

  
Mr. M. Vijay Anand  
Co-convener

  
Prof. S. Sathiaselvan  
Convener

  
Dr. V. Balasubramaniam  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
114-7 PACHAL Post, NAMAKKAL Dist





**KURINJI COLLEGE OF ENGINEERING AND TECHNOLOGY**

MANAPPARAI, TIRUCHIRAPPALLI - 621 307

**2<sup>nd</sup> NATIONAL CONFERENCE  
(RTESM KCET -2022)**



This is to Certify that Dr. / Mr. / Mrs. / Ms. *P. Thiruganagalingam Associate Prof.*  
has participated / presented a Paper entitled *Deep Learning Based Disease Detection* (PEC)

*And Classification Using Deep Learning Algorithm.*

in the 2<sup>nd</sup> National Conference on "RECENT TRENDS IN ENGINEERING, SCIENCE AND MANAGEMENT"  
(RTESM-KCET 2022), organized by Kurinji College of Engineering and Technology, on 9th June 2022.

*M.V. 7*  
**Mr.M.Vijay Anand**

Co-convenor

*Dr. S. Sathya*  
**Prof. S.Sathya** PRINCIPAL

Convenor

**PAVAI ENGINEERING COLLEGE**  
JH-7, PACHAL Post, NAMAKKAL Dist.

*Principals*  
**Balasubramaniam**  
Principal





# SENGUNTHAR COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Tiruchengode-637 205

7<sup>th</sup> International Conference

MEEMIC 2021



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



## CERTIFICATE OF PARTICIPATION

*This is to certify that*

Dr/Mr/MS DEEPA B of PAAVAI ENGINEERING COLLEGE

*has presented a paper titled BLOCKCHAIN BASED INVOICE FACTORING AND SECURE CREDIT BASED TRADING in the 7th International Conference MEEMIC 2021 held on 12<sup>th</sup> June, 2021.*

Prof.Muhammadu Sathik Raja

Convenor & HOD

Department of Medical Electronics  
Sengunthar College of Engineering

Dr.R.Satishkumar

ILC-President & Principal

Sengunthar College of Engineering

Prof.A.Baladhandapani

Secretary & Correspondent  
Sengunthar Institutions

\*This e-certificate does not require signature

PRINCIPAL

PAAVAI ENGINEERING COLLEGE

14.7 PACHAL Post, NAMAKKAL Dist



**SRI VENKATESWARAA**  
**COLLEGE OF TECHNOLOGY**  
BIIB Nagar, Vadakal, Sriperumbudur - 602105

Approved by  
AICTE, New Delhi  
Affiliated to  
Anna University,  
Chennai

**International Conference on Science,  
Engineering and Technology**

## CERTIFICATE



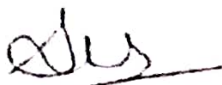
This is to Certify that Dr./Mr./Mrs.

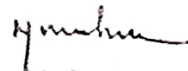
**DEEPA. B**

has presented a paper entitled

**MULTI DISEASE PREDICTION WEB APP DEVELOPMENT USING MACHINE  
LEARNING**

in Virtual 3<sup>rd</sup> International Conference on Science, Engineering and Technology  
(ICSET 2k22) held on 26<sup>th</sup> & 27<sup>th</sup> May 2022 organised by  
Sri Venkateswaraa College of Technology, Chennai

  
Convenor

  
Principal

  
**PRINCIPAL**  
**PAAVAI ENGINEERING COLLEGE**  
14.7 PACHAL Post, NAMAKKAL Dist





**MAHSA**  
UNIVERSITY  
MALAYSIA



**K.S.RANGASAMY**  
COLLEGE OF TECHNOLOGY  
(Autonomous) | INDIA



The Institution of Engineers (India)  
SALEM LOCAL CENTRE

FIRST INTERNATIONAL CONFERENCE ON  
Recent Innovations in Robotics,  
Construction and Mechanical Sciences  
**ICRIRCMS 2022**

Certificate of Participation

presented to

*Denadhayan.R*

Paavai Engineering College, Namakkal

for presenting a paper entitled

Traffic Control Management for Vehicle to Vehicle  
Communication

virtually in the Conference held during

June 10-11, 2022



Dr.A.Kumaravel  
Conference Chair

Dr.R.Gopalakrishnan  
Principal

**PRINCIPAL**

**PAAVAI ENGINEERING COLLEGE**  
11/7 PACHAL Post, NAMAKKAL Dist

Date: June 10, 2022

C. ID: KSRCT0622CTRCMA022



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

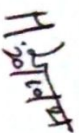
NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA


ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr. I. ARUN KUMAR of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled MAXIMO CAMPO VISUAL INSIGHT in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
4th-7, PACHAL Post, NAMAKKAL Dist

  
Director-Administration





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Ms. M.PREMA of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled ELECTRIC THERAPY FOR LESIONPALLIAT in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
PRINCIPAL  
  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
NH-7, PACHAL Post, NAMAKKAL



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Ms. S. PREMA of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled OPTICS  
IN ENDOSCOPIC DIAGNOSTIC TREATMENT in International Conference on Adaptive Technologies for Sustainable Growth  
(ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
H. Jeyaraj  
Convener

  
Principal  
  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
14.7 PACHAL Post, NAMAKKAL Dist





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL – 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Ms. A. ANCY CHRISTY of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled ARTIFICIAL ORGAN AND 3D PRINTING PACEMAKER in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

H. Jeyaraj  
Convenor

Principal

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
NH-7, PACHAL Post, NAMAKKAL Dist.



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs. F. SHARMILA BANU of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled DIABETES PREDICTION USING MACHINE LEARNING in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
4th-7, PACHAL Post, NAMAKKAL Dist.





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS


NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021


International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr. K.BASKAR of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled DESIGN AND DEVELOPMENT OF SUPERVISED LEARNING ALGORITHM FOR DIABETES DIAGNOSIS in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
H. Jeyaraj  
Convener

  
Principal

  
PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
Director-Administration  
44-7, PACHAL Post, NAMAKAL Dist



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs. N.JAYANTHI of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled EFFECTS OF ARTIFICIAL INTELLIGENCE IN ILENT COMMUNICATION in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
PRINCIPAL

  
Director-Administration

PAAVAI ENGINEERING COLLEGE,  
NH-47, PACHAL Post, NAMAKKAL Dist.





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021


International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. P.MANIVANNAN of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled DESIGNING AN E-STETHESCOPE FOR THE ANALYSIS OF CARDIOPULMONARY DYSFUNCTION WITH MACHINE LEARNING in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
**PRINCIPAL**  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL Post, NAMAKAL, DIST. VILUPPURAM  
Director-Administration



# IEEE PhD Colloquium on Ethically Driven Innovation & Technology for Society (PhD EDITS)

## CERTIFICATE OF APPRECIATION

*This is to certify that the paper titled*

**"Meta-heuristic Strategy Planned Controller for Frequency Supervision of  
Integrated Thermal Plant with Renewable Source"**

*Authored by*

**Murugesan D, Jagatheesan K and Boopathi D**

*is presented at IEEE PhD EDITS on Nov 13, 2021 organized by IEEE ComSoc., Bangalore.*

*mahesh kumar*

**Mahesh Kumar Jha**

General Co-Chair  
CMRIT, Bangalore

*Shachi P*

**Shachi P**

TPC Co-Chair  
BMSCE, Bangalore

*Navin Kumar*

**Navin Kumar**

IEEE ComSoc, Bangalore  
ASE, Bangalore

*PAVAI ENGINEERING COLLEGE*

**PAVAI ENGINEERING COLLEGE**  
PAVAI, PACHAI, POND, NAMAKKAL DIST.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CH04S24141438

To  
MURUGESAN D  
7TH WARD CHINNUSAMY STREET  
KEERIPPATTY POST  
SALEM  
TAMILNADU - 636107  
PH. NO. 9095930101



Score	Type of Certificate
≥ 90	Elite+ Gold
75-89	Elite+ Silver
≥ 70	Elite
40-69	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MURUGESAN D**

for successfully completing the course

**Computer Aided Applied Single Objective Optimization**

with a consolidated score of **60** %

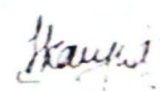
Online Assignments 18.88/25 | Proctored Exam 41.5/75

Total number of candidates certified in this course: 20

Jan-Apr 2022  
(12 week course)

  
**PRINCIPAL**

**PAAVAI ENGINEERING COLLEGE**  
14-7 PACHAL Post, NAMAKKAL Dist.

  
Prof. Hemant B Kaushik



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. D.MURUGESAN of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled A REVIEW OPTICS COHERENCE TOMOGRAPHY BASED MEDICAL INSTRUMENT in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
**PRINCIPAL**  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
NH-7, PACHAL Post, NAMAKAL





# PAVAI COLLEGE OF TECHNOLOGY

Pachal, Namakkal-637 018

## CERTIFICATE OF PARTICIPATION



Dr. S. RAJASEKARAN

Department of BioMedical Engineering

Paavai Engineering College

Has participated in the one day webinar on "GRAPHENE: THE NEXT GENERATION SEMICONDUCTOR" conducted through online mode by Department of Electronics and Communication Engineering, Pava Engineering College of Technology, Namakkal on 25.02.2022.

Dr. M. Sahaya Sheela, Ph.D.,

HOD/ECE

Dr. K. Selvi, Ph.D.,

Principal

PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
14/7, PACHAL Post, NAMAKKAL Dist.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22EE66S34141061

To  
DR S RAJASEKARAN  
1/661, SUBBU GOUNDER THOTTAM,  
NEAR RAILWAY STATION, TALAIVASAL POST  
SALEM  
TAMIL NADU - 636112  
PH. NO :9444477688



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 80$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DR S RAJASEKARAN**

for successfully completing the course

**Neural Science for Engineers**

with a consolidated score of **51** %

Online Assignments	16.25/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 64

Prof. G. L. Sivakumar Babu  
Chairman, Centre for Continuing Education  
IISc Bangalore

Jan-Apr 2022  
(12 week course)

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
4H-7, PACHAL Post, NAMAKKAL Dist

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Ms. S. SENTHAMIL of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled ARTIFICIAL ORGAN AND 3D PRINTING in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
44-7 PACHAL Post, NAMAKKAL Dist.  
  
Director-Administration



Cambridge Assessment  
English



This is to certify that

**Senthamil Sivanantham**

has been awarded

**Pass-----**

in the

**Business English Certificate Preliminary**

Cambridge English Entry Level Certificate in ESOL International (Entry 3) (Business Preliminary)\*

Council of Europe Level

**B1**

Overall Score

**144**

Reading	130
Writing	148
Listening	146
Speaking	153

Date of Examination

**08 OCTOBER 2022**

Place of Entry

**NEW DELHI**

Centre Reference

**IN154 0055**

Verification Number

**C0305959**

Accreditation Number

**500/2428/0**

\*This level refers to the Regulated Qualifications Framework (RQF) in England and Northern Ireland

*F. Woodward*  
Francesca Woodward  
Chief Executive  
Cambridge Assessment English

Date of Issue: 27/10/2022  
Certificate Number: C0358357



*[Signature]*  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
H-7, PACHAL Post, NAMAKKAL Dist

**ofqual**  
REGULATED  
register.ofqual.gov.uk







# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. S. JOTHEESHWARAN of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled TECH-HAND in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal  
  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
14.7 PACHAL Post, NAMAKKAL Dist



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs. S.PRAVEENA of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled FETEL ODDITY USING ULTRASOUND IMAGE ACQUISITION in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
H. Jeyaraj  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
Director-Administration  
NH-7, PACHAL Post, NAMAKKAL





Cambridge Assessment  
English

This is to certify that

**Praveena Sundaravel**

has achieved Council of Europe Level

**A2**

Cambridge English Entry Level Certificate in ESCA International (Entry 2) (Business)

Overall Score

**132**

Reading	129
Writing	137
Listening	114
Speaking	147

Date of Examination  
**08 OCTOBER 2022**

Certificate Number  
**C0308984**

Place of Entry  
**NEW DELHI**

Accreditation Number  
**500/5473/9**

Centre Reference  
**INT54 0046**

This level refers to the Regulated Qualifications Framework (RQF) in England and Northern Ireland

*J. Woodward*  
Francesca Woodward  
Chief Executive  
Cambridge Assessment English

Date of issue: 31/10/2022  
Certificate Number: C0308984



*pr*  
PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
PAL PACHAL PO, NAMAKKAL DIST

**ofqual**  
REGULATED  
register.ofqual.gov.uk





**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

NH-44, PACHAL, NAMAKKAL-637018, TAMIL NADU, INDIA.

**DEPARTMENT OF CHEMICAL ENGINEERING  
CERTIFICATE OF PARTICIPANT**

This is to certify that Mr. R. Balasubramani of  
Paavai Engineering College (Autonomous) has actively participated in Six days  
FDP on “INCINERATION TECHNOLOGY MANAGEMENT FOR MUNICIPAL SOLID  
WASTE TREATMENT AND IMPACT ON SOCIO-ECONOMIC ENVIRONMENTAL  
ASPECTS” organized by the Department of Chemical Engineering, Paavai Engineering College,  
Namakkal held during 26<sup>th</sup> to 31<sup>st</sup> July 2021.

Coordinator

Head of the Department

Principal

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL Post, NAMAKKAL Dist





**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

NH-44, PACHAL, NAMAKKAL-637018, TAMIL NADU, INDIA.

**DEPARTMENT OF CHEMICAL ENGINEERING  
CERTIFICATE OF PARTICIPANT**

This is to certify that Dr. S. Kailash of  
Paavai Engineering College (Autonomous) has actively participated in Six days  
FDP on “INCINERATION TECHNOLOGY MANAGEMENT FOR MUNICIPAL SOLID  
WASTE TREATMENT AND IMPACT ON SOCIO-ECONOMIC ENVIRONMENTAL  
ASPECTS” organized by the Department of Chemical Engineering, Paavai Engineering College,  
Namakkal held during 26<sup>th</sup> to 31<sup>st</sup> July 2021.

Coordinator

Head of the Department

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH. 44, PACHAL POST, NAMAKKAL DIST.  
Principal



Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

### CERTIFICATE

This is to certify that, **Ms. M. R. MAHALAKSHMI, FACULTY of PAAVAI ENGINEERING COLLEGE** has successfully participated in IP Awareness/Training program under  
**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
on January 25, 2022

Organized by  
Intellectual Property Office, India



Date: February 18, 2022

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
RACHAI, PONDICHERRY

(RAJENDRA RATNOO, IAS)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS





Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

### CERTIFICATE

This is to certify that, **MS. THABITHA ZELIN RACHEL VINCENT**, FACULTY of **PAAVAI ENGINEERING COLLEGE** has successfully participated in IP Awareness/Training program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**

on January 25, 2022

Organized by  
Intellectual Property Office, India



Date: February 18, 2022

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
H.NO. 7, PACHAL POST, NAMAKKAL DIST.

(RAJENDRA RATNOO, IAS)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS

# THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

A Minority Institution Sponsored by Seethakathi Trust, Chennai  
(An Autonomous Institution Affiliated to Alagappa University, Karaikudi)  
(Accredited by NAAC with 'A' Grade (CGPA: 3.16) & ISO 9000: 2015 Certified Institution)  
Recognized by UGC with 2(f) & 12(B)  
Kilakarai-623517 Ramanathapuram District, Tamil Nadu



## Certificate of Participation

This is to certify that Mr. M. D. S. Rajaruban, Assistant Professor, Food Tech, participated in the **two days FDP on "Biostatistics in Life Science Research"** on 8<sup>th</sup> & 9<sup>th</sup> November 2021, organized by Department of Microbiology, Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanathapuram .

**Prof. Syed Ajmal Khan**

Guest Speaker  
Centre of Advanced Study  
in Marine Biology,  
Annamalai University

**Dr. C. Valli Nachiyar**

Guest Speaker  
Department of Biotechnology,  
Sathyabama Institute of  
Science & Technology

**Dr. C. Vijayalakshmi**

Guest Speaker  
Department of Statistics and  
Applied Mathematics,  
Central University of Tamil Nadu

**Ms. H. Noorul Samsoon**

**Maharifa**  
Head of the Department,

**Dr. S. Sumayaa**

Principal,  
TBAKC

Made for free with Certify'em

**PRINCIPAL**  
PAAVAI ENGINEERING COLLEGE  
44-7, PACHAL Post, NAMAKKAL Dist



# THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

A Minority Institution Sponsored by Seethakathi Trust, Chennai  
(An Autonomous Institution Affiliated to Alagappa University, Karaikudi)  
(Accredited by NAAC with 'A' Grade (CGPA: 3.16) & ISO 9000: 2015 Certified Institution)  
Recognized by UGC with 2(f) & 12(B)  
Kilakarai-623517 Ramanathapuram District, Tamil Nadu



## Certificate of Participation

This is to certify that Mr. S. Gowtham Kumar, Assistant Professor, Food Tech, participated in the **two days FDP on "Biostatistics in Life Science Research"** on 8<sup>th</sup> & 9<sup>th</sup> November 2021, organized by Department of Microbiology, Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanathapuram .

**Prof. Syed Ajmal Khan**  
Guest Speaker  
Centre of Advanced Study  
in Marine Biology,  
Annamalai University

**Dr. C. Valli Nachiyar**  
Guest Speaker  
Department of Biotechnology,  
Sathyabama Institute of  
Science & Technology

**Dr. C. Vijayalakshmi**  
Guest Speaker  
Department of Statistics and  
Applied Mathematics,  
Central University of Tamil Nadu

**Ms H Noorul Samsoon**  
**Maharifa**  
Head of the Department,

**Dr. S. Sumayaa**  
Principal,  
TBAKC

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Government of India  
Ministry of Commerce and Industry  
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Office of the Controller General of Patents, Designs and Trade Marks

### CERTIFICATE

This is to certify that, **Ms. M. MONICA, FACULTY of PAAVAI ENGINEERING COLLEGE**  
has successfully participated in IP Awareness/Training program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
on January 25, 2022

Organized by  
Intellectual Property Office, India



Date: February 18, 2022

  
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173, Agaram Rd, Thiruvanchery, Selaiyur, Chennai, TamilNadu, India

**SCHOOL OF LIFE SCIENCES**  
**DEPARTMENT OF MICROBIOLOGY AND BIOTECHNOLOGY**

National Level Seminar

on  
**“CAREER OPPORTUNITIES IN LIFE SCIENCES”**  
2<sup>nd</sup> February 2022

**CERTIFICATE OF PARTICIPATION**

**Ms. R. Rajeswari**

Assistant Professor, Food Technology

Paavai Engineering College, Namakkal

for actively participated in the National Level webinar on “CAREER OPPORTUNITIES IN LIFE SCIENCES”  
on 2<sup>nd</sup> February 2022, Organized by Department of Microbiology & Biotechnology, School of Basic Sciences,

Faculty of Arts and Science, BIHER, Chennai- 600 073.

**Dr. K. Ashok**  
Organizing Secretary

**Dr. M. Babu**  
Organizing Secretary

**Dr. V. Padmapriya**  
Co- convener

**Dr. R. Vasukidevi**  
Convener & H.O.D

**Dr. V. Kalaiarasi**  
Dean - Science

**Dr. A. Muthukumaravel**  
Dean - Arts and Science

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117. PACHAL Post, NAMAKKAL Dis.




## THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

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Recognized by UGC with 2(f) & 12(B)  
Kilakarai - 623 517 Ramanathapuram District, Tamil Nadu

### Certificate of Participation

This is to certify that Mr. G. Thamarai Selva, Assistant Professor, Paavai Engineering College, participated in the One Day International Workshop on "Selecting the Right Journal and Understanding the Publication Process" Organized by Centre for Research and Development, Thassim Beevi Abdul Kader College For Women, Kilakarai on 23.10.2021.

  
Dr K Bavya Devi  
Research Head

  
Dr M S Irfan Ahmed  
Director

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
JH-7 PACHAL Post, NAMAKKAL Dist





**Bharath**  
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(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**NAAC**  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL



173, Agaram Rd, Thiruvanchery, Selaiyur, Chennai, TamilNadu, India

**SCHOOL OF LIFE SCIENCES**

**DEPARTMENT OF MICROBIOLOGY AND BIOTECHNOLOGY**

National Level Seminar

on

**“CAREER OPPORTUNITIES IN LIFE SCIENCES”**

2<sup>nd</sup> February 2022

**CERTIFICATE OF PARTICIPATION**

**Ms. V. Sivasankari**

Assistant Professor, Food Technology

Paavai Engineering College, Namakkal



for actively participated in the National Level webinar on “CAREER OPPORTUNITIES IN LIFE SCIENCES”  
on 2<sup>nd</sup> February 2022, Organized by Department of Microbiology & Biotechnology, School of Basic Sciences,

Faculty of Arts and Science, BIHER, Chennai- 600 073.

**Dr. K. Ashok**  
Organizing Secretary

**Dr. M. Babu**  
Organizing Secretary

**Dr. V. Padmapriya**  
Co- convener

**Dr. R. Vasukidevi**  
Convener & H.O.D

**Dr. V. Kalaiarasi**  
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**Dr. A. Muthukumaravel**  
Dean - Arts and Science

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**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

NH-44, PACHAL, NAMAKKAL-637018, TAMIL NADU, INDIA.

**DEPARTMENT OF CHEMICAL ENGINEERING  
CERTIFICATE OF PARTICIPANT**

This is to certify that Mr. S. Kesavan of  
Paavai Engineering College (Autonomous) has actively participated in Six days  
FDP on “INCINERATION TECHNOLOGY MANAGEMENT FOR MUNICIPAL SOLID  
WASTE TREATMENT AND IMPACT ON SOCIO-ECONOMIC ENVIRONMENTAL  
ASPECTS” organized by the Department of Chemical Engineering, Paavai Engineering College,  
Namakkal held during 26<sup>th</sup> to 31<sup>st</sup> July 2021.

Coordinator

Head of the Department

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH.7. PACHAL Post, NAMAKKAL Dist

Principal






## THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

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Recognized by UGC with 2(f) & 12(B)  
Kilakarai - 623 517 Ramanathapuram District, Tamil Nadu

### Certificate of Participation

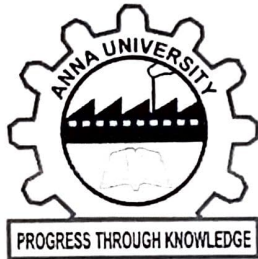
This is to certify that Mr. C. Malaisamy, Assistant Professor, Paavai Engineering College, participated in the One Day International Workshop on "Selecting the Right Journal and Understanding the Publication Process" Organized by Centre for Research and Development, Thassim Beevi Abdul Kader College For Women, Kilakarai on 23.10.2021.

  
Dr K Bavya Devi  
Research Head

  
Dr M S Irfan Ahmed  
Director

  
Principal

PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
M-7 PACHAL PO, NAMAKKAL DIST



**DIVISION OF STRUCTURAL ENGINEERING,  
DEPARTMENT OF CIVIL ENGINEERING,  
CEG CAMPUS, ANNA UNIVERSITY - 25**



**CERTIFICATE OF PARTICIPATION**

This it to certify that

Mr./Ms./Dr. K. SHARMILA DEVI, ASSOCIATE PROFESSOR, PAAVAI ENGINEERING COLLEGE

has participated in TWO DAYS NATIONAL WORKSHOP ON

**“LEAN CONCEPTS AND IMPACT ASSESSMENTS TOWARDS SUSTAINABILITY IN  
INDIAN CONSTRUCTION INDUSTRY”** held during 10<sup>th</sup> and 11<sup>th</sup> January, 2022,

Organized by Division of Structural Engineering,  
Department of Civil Engineering, Anna University, Chennai-25

**Dr. K P Jaya**  
Coordinator  
Head, Dept. of Civil Engineering,  
Anna University

Principal  
PAAVAI ENGINEERING COLLEGE  
111-7, PACHAL Post, NAMAKKAL Dist





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. SHARMILADEVI K, Associate Professor of Paavai Engineering College, Namakkal participated and presented a paper entitled Development of Light weight and Light transmitting concrete using waste scrap materials in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

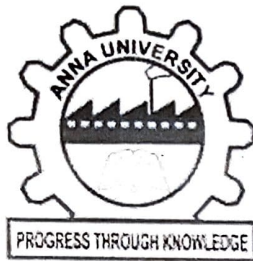
H. J. 20/10/21

Convener

Principal

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL POST, NAMAKKAL

Director-Administration



**DIVISION OF STRUCTURAL ENGINEERING,  
DEPARTMENT OF CIVIL ENGINEERING,  
CEG CAMPUS, ANNA UNIVERSITY - 25**



**CERTIFICATE OF PARTICIPATION**

This is to certify that

Mr./Ms./Dr. **P.VIGNESH**, Assistant Professor, Paavai Engineering College

has participated in TWO DAYS NATIONAL WORKSHOP ON

**"LEAN CONCEPTS AND IMPACT ASSESSMENTS TOWARDS SUSTAINABILITY IN**

**INDIAN CONSTRUCTION INDUSTRY"** held during 10<sup>th</sup> and 11<sup>th</sup> January, 2022,

Organized by Division of Structural Engineering,  
Department of Civil Engineering, Anna University, Chennai-25

  
**PAAVAI ENGINEERING COLLEGE**  
**NH-7, PACHAL Post, NAMAKKAL Dist**



**Dr. K P Jaya**  
Coordinator  
Head, Dept. of Civil Engineering,  
Anna University





# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

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SATHYAMANGALAM - 638401 ERODE DISTRICT TAMILNADU INDIA

Ph : 04295-226000/221289 Fax : 04295-226666 E-mail : stayahead@bitsathy.ac.in Web : www.bitsathy.ac.in



*Department of Civil Engineering*

## CERTIFICATE OF PARTICIPATION



This is to certify that **S Gayathri** has presented a paper titled "**Experimental Study on Behaviour of Cold Formed Steel Lipped Angle Columns**" at the Second International Conference of Sustainable Infrastructure with Smart Technology for Energy and Environmental Management (FIC-SISTEEM- 2022) organized by Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India during March 24-26, 2022.

Co Authors: N Moorthi

  
CONFERENCE CO-ORDINATOR

  
HEAD OF THE DEPARTMENT

  
PRINCIPAL  
MAVAI ENGINEERING COLLEGE  
NH-7, PACHAL ROAD, MANAKKAL DISTRICT  
PRINCIPAL





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www.selvamtech.edu.in



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Departments of Civil Engineering  
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National Conference on  
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**NCRAAEBS-2K22**

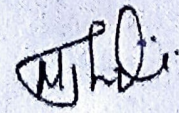
# CERTIFICATE

This is to certify that Dr./Mr./Ms. M. DORTHY . N

Department of Civil Engineering, Paavai Engineering College  
has presented a paper entitled Estimation of Residential building  
by using SpreadSheet in the National

Conference on Recent Advances in Agricultural Engineering & Biological Science  
(NCRAAEBS-2K22) Organized by Selvam College of Technology on 25<sup>th</sup> & 26<sup>th</sup> May 2022.

  
HoD/Civil

  
HoD/Biotech

  
PRINCIPAL

  
Principal

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Accredited by NAAC, Recognized by UGC with 2(f) & 12(B)  
Thottiam (Tk), Trichy (Dt) - 621215



## **CERTIFICATE OF PARTICIPATION**

This is to certify that Dr./ Mr./Mrs./ Ms. Moorthi N, Assistant Professor of Paavai Engineering College has presented paper in the 3<sup>rd</sup> International Conference on "INNOVATIONS IN THERMAL, MANUFACTURING, STRUCTURAL AND ENVIRONMENTAL ENGINEERING (ICITMSEE'22)", Organized by Department of Mechanical and Civil Engineering, Kongunadu College of Engineering and Technology, Trichy from 22.04.2022 to 23.04.2022.

He / She has presented a paper entitled "Strengthening of RCC Beam with Advanced Composite Material"



**Dr. S. KAVIPRIYA**  
HoD/ Civil



**Dr. D. JAGADEESH**  
HoD/ Mech



**Dr. J. YOGAPRIYA**  
PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
HILL 7, PACHAL Post, NAMAKKAL Dt.  
**DEAN (R&D)**



**Dr. R. ASOKAN**  
Principal

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Certificate No: TR7QNS-CE000266



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. RAJKANNAN M, Assistant Professor of Paavai Engineering College, Namakkal participated and presented a paper entitled Experimental Study on Behaviour of Steel Fiber Reinforced Concrete in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal  
**PAVAI ENGINEERING COLLEGE**  
NH-44, PACHAL, NAMAKAL-637018, TAMILNADU, INDIA

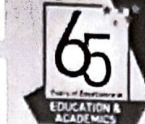
  
Director-Administration



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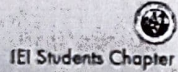
TPT Main Road (Junction), Salem - 636 005. TN. INDIA



Scheme for Promoting Interest, Creativity & Ethics among Students (SPICES) Team  
Institutional Development Cell, All India Council for Technical Education, New Delhi

## 2<sup>nd</sup> International Conference on DIGITAL TOOLS AND TECHNOLOGIES FOR SUSTAINABLE CONSTRUCTION DigiTechCON'22

IN ASSOCIATION WITH



IEI Students Chapter (Civil Division)



ISTE Chapter



ICI Students Chapter



IGBC Students Chapter

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### Certificate of Participation

Awarded to

KIRUTHIKA B

for presenting a research paper titled

EXPERIMENT OF PLASTIC WASTE IN PAVER BLOCKS

at the 2<sup>nd</sup> International Conference on Digital Tools and Technologies for Sustainable Construction - DigiTechCon '22

organised by Department of Civil Engineering, Sona College of Technology, Salem - 5, held on 25<sup>th</sup> & 26<sup>th</sup> May, 2022.

Chair Person

**Dr. R. Malathy**

HOD & Dean (R&D) / Civil  
Sona College of Technology

PRINCIPAL

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Co-Patron

**Dr. S.R.R. Senthilkumar**

Principal

Sona College of Technology





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Approved by RCTE, New Delhi / Affiliated to Anna University, Chennai  
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www.selvamtech.edu.in



Department of Civil Engineering  
& Biotechnology

National Conference on

RECENT ADVANCES IN AGRICULTURAL  
ENGINEERING & BIOLOGICAL SCIENCE


**NCRAAEBS-2K22**


**CERTIFICATE**


This is to certify that Dr./Mr./Ms.

KIRUTHIKA . B

Department of CIVIL ENGINEERING, PAAVAI ENGINEERING COLLEGE  
has presented a paper entitled A COMPARATIVE STUDY OF HYBRID FIBRE  
REINFORCED CONCRETE WITH PLAIN CEMENT CONCRETE in the National  
Conference on Recent Advances in Agricultural Engineering & Biological Science  
(NCRAAEBS-2K22) Organized by Selvam College of Technology on 25<sup>th</sup> & 26<sup>th</sup> May 2022.

  
HoD/Civil

  
HoD/Biotech

  
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Principal





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**NCRAAEBS-2K22**

# CERTIFICATE

This is to certify that Dr./Mr./Ms.

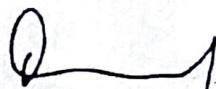
**KARTHIGA . B**

Department of **CIVIL ENGINEERING**, **PAAVAI ENGINEERING COLLEGE**

has presented a paper entitled **A EXPERIMENTAL STUDY OF PARTIAL REPLACEMENT  
OF A FINE AGGREGATE USING MARBLE WASTE IN CONCRETE** in the National

**Conference on Recent Advances in Agricultural Engineering & Biological Science**

**(NCRAAESBS-2K22) Organized by Selvam College of Technology on 25<sup>th</sup> & 26<sup>th</sup> May 2022.**

  
HoD/Civil

  
HoD/Biotech

  
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Namakkal Dist.

  
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Institutional Development Cell, All India Council for Technical Education, New Delhi

## 2<sup>nd</sup> International Conference on DIGITAL TOOLS AND TECHNOLOGIES FOR SUSTAINABLE CONSTRUCTION DigiTechCON'22

### Certificate of Participation

Awarded to

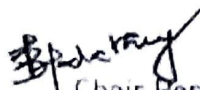
**B.KARTHIGA, AP/Civil, Paavai Engineering College, Namakkal**


for presenting a research paper titled

**Experimental Investigation on the Properties of Concrete by partial Replacement of cement by  
using Sugarcane Bagasse Ash**

at the 2<sup>nd</sup> International Conference on Digital Tools and Technologies for Sustainable Construction - DigiTechCon '22

organised by Department of Civil Engineering, Sona College of Technology, Salem - 5, held on 25<sup>th</sup> & 26<sup>th</sup> May, 2022.

  
Chair Person  
**Dr. R. Malathy**  
HOD & Dean (R&D) / Civil  
Sona College of Technology

  
PRINCIPAL  
**PAAVAI ENGINEERING COLLEGE**  
NAMAKKAL DIST.

  
Co-Patron  
**Dr. S.R.R. Senthilkumar**  
Principal  
Sona College of Technology



# TAGORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

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The Institution of Engineers (India)  
Salem Local Centre




## Second International Conference on Recent Innovation in Science, Engineering & Management ICRISEM-2022

### Certificate

This is to certify that Dr./Mr./Ms. .... RATESWAR S ..... of  
..... PAVAI ENGINEERING COLLEGE ..... has presented a paper entitled  
..... ROAD TRAFFIC SURVEY .....  
..... in the Second International Conference on Recent Innovation in Science, Engineering & Management  
(ICRISEM-22) organized by Tagore Institute of Engineering and Technology, in association with The  
Institution of Engineers (India), Salem Local Centre, Salem held on 03<sup>rd</sup> & 04<sup>th</sup> June 2022.

  
Dr. C.R. Balamurugan  
Conference Chair

  
Dr. S. Jayanthi  
Principal

  
Er. N. Saravanan, FIE.  
Hon. Secretary, IE(I)-SLC, Salem.

  
PRINCIPAL  
PAVAI ENGINEERING COLLEGE  
PACHAL, NAMAKKAL Dist.  
Chairman, IE(I)-SLC, Salem.



**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)

**FACULTY OF AGRICULTURE**

(Accredited by ICAR)

**DEPARTMENT OF AGRONOMY**

# Certificate of Participation

This is to certify that

**Dr. A. Vivekanandhini**  
**Assistant Professor, Paavai Engineering College**

has participated in the National Virtual Conference on

**CHALLENGES AND OPPORTUNITIES IN AGROFORESTRY FOR SUSTAINING THE RURAL LIVELIHOODS (CASE 2D)**  
held on 22<sup>nd</sup> October 2021 organised by the Department of Agronomy,

Faculty of Agriculture, Annamalai University, Tamil Nadu, India.

**Dr. K. SUSEENDRAN**

Conference Director / Assistant Professor,  
Annamalai University.

**Dr. G. MURUGAN**

Conference Director / Assistant Professor,  
Annamalai University.

**Dr. P. STALIN**

Conference Director / Assistant Professor,  
Annamalai University.

**Prof. V. JIMAYAVARAMBAN**

Conference Convener & Head,  
Dept. of Agronomy, Annamalai University.

**Prof. K. R. SUNDARAVARADARAJAN**

Deen,  
Faculty of Agriculture, Annamalai University.

**PAAVAI ENGINEERING COLLEGE**

**PAAVAI ENGINEERING COLLEGE**

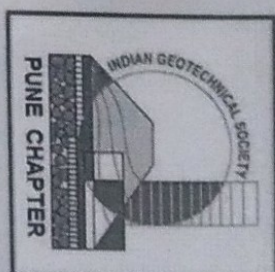




# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
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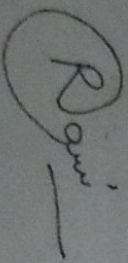


## CERTIFICATE OF PARTICIPATION

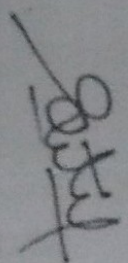
This certifies that

**V. Balamurugan**

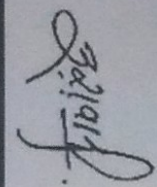
has participated in National Level Workshop on "Geotechnical Case Studies of Infrastructure Projects", organized by Department of Civil Engineering of AISSMS College of Engineering, Pune, in association with Indian Geotechnical Society (Pune Chapter), on 12th June 2021.



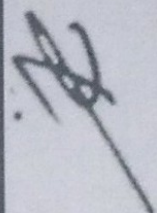
Dr. R. D. Nalawade  
TREASURER, IGS (PUNE) &  
CONVENER, AISSMS COE, PUNE



Er. Vikas S Patil  
MD - SAVI INFRASTRUCTURES &  
PROPERTIES PVT. LTD &  
CHAIRMAN, IGS (PUNE)



Dr. U. R. Awari  
HEAD, CIVIL ENGINEERING DEPT.  
AISSMS COE, PUNE



Dr. D. S. Bormane  
PRINCIPAL  
AISSMS COE, PUNE

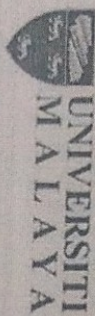
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4H-7, PACHAL Post, NAMAKKAL Dist

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**International Workshop on  
Energy Technology and Sensor Systems**



**TENSYS-2021**

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**CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**A.SUBASHINI**

*has participated in the TENSYS2021 from 21<sup>st</sup> to 22<sup>nd</sup> December 2021.*

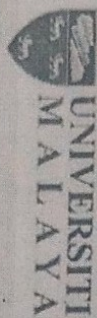
A handwritten signature in black ink, appearing to read "Faiz Salleh".

Dr. Mohd Faiz Mohd Salleh  
Workshop Convener  
Universiti Malaya

A green checkmark or stamp.



**International Workshop on  
Energy Technology and Sensor Systems**



**TENSYS-2021**

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**CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**Dr P TAMILCHELVAN**

*has participated in the TENSYS2021 from 21<sup>st</sup> to 22<sup>nd</sup> December 2021.*

**Dr. Mohd Faiz Mohd Salleh**

**Workshop Convener**

**Universiti Malaya**

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**AISSMS**  
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## CERTIFICATE OF PARTICIPATION

This certifies that

**M. Bhuvaneswari**

has participated in National Level Workshop on "Geotechnical Case Studies of Infrastructure Projects", organized by Department of Civil Engineering of AISSMS College of Engineering, Pune, in association with Indian Geotechnical Society (Pune Chapter), on 12th June 2021.

*Ravi*

Dr. R. D. Nalawade  
TREASURER, IGS (PUNE) &  
CONVENER, AISSMS COE, PUNE

*Satish*

Er. Vikas S Patil  
MD - SAVI INFRASTRUCTURES &  
PROPERTIES PVT. LTD &  
CHAIRMAN, IGS (PUNE)

*Dr. U. R. Awari*

Dr. U. R. Awari  
HEAD, CIVIL ENGINEERING DEPT.  
AISSMS COE, PUNE

*Dr. D. S. Bormane*

Dr. D. S. Bormane  
PRINCIPAL  
AISSMS COE, PUNE

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# CERTIFICATE OF PARTICIPATION

This is to certify that

N.SATHESWARAN

PaavaEngineering College

has participated in the webinar on “**Climate – Past, Present and Future**” organised by the Department of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, on 18-08-2021.

Coordinator

Coordinator

PRINCIPAL

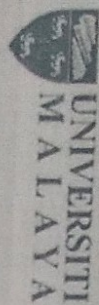
HOD / Civil

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9th-7, PACHAI Post, NAMAKKAL

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**International Workshop on  
Energy Technology and Sensor Systems  
TENSYS-2021**



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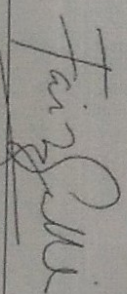


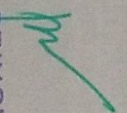
**CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**D. ANANDAN**

*has participated in the TENSYS2021 from 21<sup>st</sup> to 22<sup>nd</sup> December 2021.*

  
Dr. Mohd Faiz Mohd Salleh  
Workshop Convener  
Universiti Malaya

  
**PRINCIPAL**  
**PAVAI ENGINEERING COLLEGE**  
JH-7, PACHAL Post, NAMAKKAL Dist





# CERTIFICATE OF PARTICIPATION

This is to certify that

A.MEIGNANAMOORTHY

PaavaiEngineering College

has participated in the webinar on “**Climate – Past, Present and Future**” organised by the Department of Civil Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, on 18-08-2021.

Coordinator

Coordinator

PRINCIPAL

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**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)

**FACULTY OF AGRICULTURE**

(Accredited by ICAR)

**DEPARTMENT OF AGRONOMY**

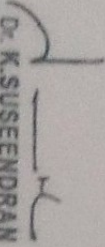
# Certificate of Participation

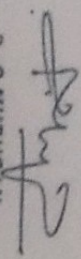
*This is to certify that*

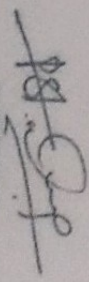
**Mr. C.VIGNESH**

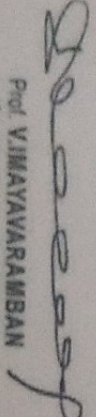
**ASST.PROF, PAAVAI ENGINEERING COLLEGE**

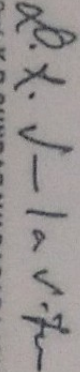
*has participated in the National Virtual Conference on  
CHALLENGES AND OPPORTUNITIES IN AGROFORESTRY FOR SUSTAINING THE RURAL LIVELIHOODS (CASL 2D)  
held on 22<sup>nd</sup> October 2021 organised by the Department of Agronomy,  
Faculty of Agriculture, Annamalai University, Tamil Nadu, India.*

  
**Dr. K.SUSEENDRAN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Dr. G.MURUGAN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Dr. P.STALIN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Prof. VIMAYAVARAMBAN**  
Conference Convenor & Head,  
Dept. of Agronomy, Annamalai University.

  
**Prof. K.R.SUNDARAVARADARAJAN**  
Dean,  
Faculty of Agriculture, Annamalai University.

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3RD FLOOR, PAAVAI, ANNAMALAI UNIVERSITY



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(Accredited with 'A' Grade by NAAC)

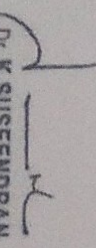
**FACULTY OF AGRICULTURE**  
(Accredited by ICAR)  
**DEPARTMENT OF AGRONOMY**

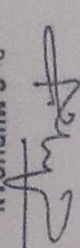
# Certificate of Participation

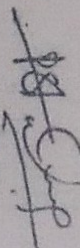
This is to certify that .....  
**ASST.PROF, PAAVAI ENGINEERING COLLEGE**

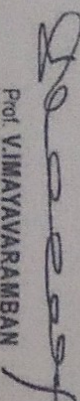
**MS.K.S.SUBHA**

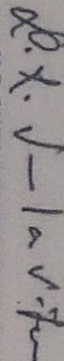
has participated in the National Virtual Conference on  
**CHALLENGES AND OPPORTUNITIES IN AGROFORESTRY FOR SUSTAINING THE RURAL LIVELIHOODS (CASE 2D)**  
held on 22<sup>nd</sup> October 2021 organised by the Department of Agronomy,  
Faculty of Agriculture, Annamalai University, Tamil Nadu, India.

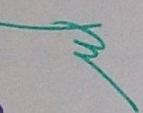
  
**Dr. K.SUSEENDRAN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Dr. G.MURUGAN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Dr. P.STALIN**  
Conference Director / Assistant Professor,  
Annamalai University.

  
**Prof. V.J.M.VARARAMBAN**  
Conference Convener & Head,  
Dept. of Agronomy, Annamalai University.

  
**Prof. K.R.SUNDARAVARADARAJAN**  
Dean,  
Faculty of Agriculture, Annamalai University.

  
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RENUKADEVI P  
360, RAM NIVAS, NARAYANAPILLAI STREET  
40 FEET ROAD  
SALEM  
TAMIL NADU - 636007  
PH. NO :9843154731



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RENUKADEVI P**

for successfully completing the course

**Patent Drafting for Beginners**

with a consolidated score of 65 %

Online Assignments	25/25	Proctored Exam	39.53/75
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Total number of candidates certified in this course: 138

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM



Indian Institute of Technology Madras

Jul-Aug 2021  
(4 week course)

*Principal*  
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PAVAI ENGINEERING COLLEGE  
311-7, PACHAL Post, NAMAKKAL Dist

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Roll No: NPTEL21HS70S14190447

To validate and check scores: <https://nptel.ac.in/noc>



Roll No: NPTEL21HS70514190212

To DR N MAGENDIRAN  
1 / 52, MINNAMPALLI (P.O)  
NAMAKKAL  
TAMILNADU - 637019  
PH. NO :9894640728



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

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**Patent Drafting for Beginners**

with a consolidated score of **57 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Aug 2021)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

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The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

  
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R DHIVYA  
9/610 CHOLAN NAGAR  
CHINNA ANDAN KOVIL ROAD  
KARUR  
TAMILNADU - 639002  
PH. NO :9786625414



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**R DHIVYA**

for successfully completing the course

## Patent Drafting for Beginners

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **138**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM



Indian Institute of Technology Madras

Jul-Aug 2021  
(4 week course) **PRINCIPAL**

**PAAVAI ENGINEERING COLLEGE**  
4th-7. PACHAL Post, NAMAKKAL Dist

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Roll No:NPTEL21HS70S13740047

To validate and check scores: <https://nptel.ac.in/noc/>






# 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking, 2021 (ICAC3N-21)

IEEE Conf. Record No: #53548

Cerf. No: ICAC3N-21/REV/014

## Certificate OF REVIEWER

This is to certify that Mr./Ms./Dr./Prof. Banumathy Ramesh of Paavai Engineering College contributed to 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking (technically co-sponsored by IEEE UP Section) organised by Dept. of CSE, Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh, India on 17<sup>th</sup>-18<sup>th</sup> December, 2021.


  
Prof. (Dr.) Vishnu Sharma  
Convener & Conf. Organising Chair  
HoD-CSE, GCET



  
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PAVAI ENGINEERING COLLEGE  
PACHAIPATI, PONDICHERRY  
GALGOTIAS  
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UP SECTION (INDIA)  
51807021

  
Prof. (Dr.) Brijesh Singh  
Conf. General Chair  
Director GCET



3<sup>rd</sup> IEEE International Conference on Advances in  
Computing, Communication Control and Networking, 2021  
(ICAC3N-21)


IEEE Conf. Record No: #53548

Cerf. No: ICAC3N-21/REV/014

# Certificate

OF REVIEWER

This is to certify that Mr./Ms./Dr./Prof. Renukadevi Periyasami of  
Paavai Engineering College contributed  
to 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking  
(technically co-sponsored by IEEE UP Section) organised by Dept. of CSE, Galgotias College of Engineering  
and Technology, Greater Noida, Uttar Pradesh, India on 17<sup>th</sup>-18<sup>th</sup> December, 2021.

  
Prof. (Dr.) Vishnu Sharma  
Convener & Conf. Organising Chair  
HoD-CSE, GCET



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
PRINCIPAL

PAAVAI ENGINEERING COLLEGE

M-3, PRAJAPATI Post, NARAYAN P.



**IEEE**  
UP SECTION (INDIA)  
5TB07021

  
Prof. (Dr.) Brijesh Singh  
Conf. General Chair  
Director GCET






# 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking, 2021 (ICAC3N-21)

IEEE Conf. Record No: #53548

Cert. No : ICAC3N-21/REV/014

## Certificate OF REVIEWER

This is to certify that Mr./Ms./Dr./Prof. \_\_\_\_\_ **Mahendiran Natarajan** of  
\_\_\_\_\_ **Paavai Engineering College** contributed  
to 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking  
(technically co-sponsored by IEEE UP Section) organised by Dept. of CSE, Galgotias College of Engineering  
and Technology, Greater Noida, Uttar Pradesh, India on 17<sup>th</sup>-18<sup>th</sup> December, 2021.

  
**Prof. (Dr.) Vishnu Sharma**  
Convener & Conf. Organising Chair  
HoD-CSE, GCET



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**Prof. (Dr.) Brijesh Singh**  
Conf. General Chair  
Director GCET




# 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking, 2021 (ICAC3N-21)

IEEE Conf. Record No: #53548

Cerf. No : ICAC3N-21/REV/014

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This is to certify that Mr./Ms./Dr./Prof. Dhivya Ram of Paavai Engineering College contributed to 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking (technically co-sponsored by IEEE UP Section) organised by Dept. of CSE, Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh, India on 17<sup>th</sup>-18<sup>th</sup> December, 2021.

  
Prof. (Dr.) Vishnu Sharma  
Convener & Conf. Organising Chair  
HoD-CSE, GCET



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
  
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PAAVAI ENGINEERING COLLEGE

1117, BAGHAL Post.



**IEEE**  
UP SECTION (INDIA)  
57807021

  
Prof. (Dr.) Brijesh Singh  
Conf. General Chair  
Director GCET





3<sup>rd</sup> IEEE International Conference on Advances in  
Computing, Communication Control and Networking, 2021  
(ICAC3N-21)


IEEE Conf. Record No: #53548

Cerf. No: ICAC3N-21/REV/014

# Certificate

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This is to certify that Mr./Ms./Dr./Prof. Maheshkumar Veerappan of Paavai Engineering College contributed to 3<sup>rd</sup> IEEE International Conference on Advances in Computing, Communication Control and Networking (technically co-sponsored by IEEE UP Section) organised by Dept. of CSE, Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh, India on 17<sup>th</sup>-18<sup>th</sup> December, 2021.

  
Prof. (Dr.) Vishnu Sharma  
Convener & Conf. Organising Chair  
HoD-CSE, GCET




**GALGOTIAS**  
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STB07021

  
Prof. (Dr.) Brijesh Singh  
Conf. General Chair  
Director GCET



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. R.LOGANATHAN, ASSISTANT PROFESSOR/CSE of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled VOICE BASED PRESCRIPTION GENERATION USING PYTHON in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL, NAMAKAL  
TAMILNADU - 637 018

  
Director-Administration





# PAAVAI ENGINEERING COLLEGE

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NH - 44, PACHAL, NAMA KAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs. M.DEEPA, ASSISTANT PROFESSOR/CSE of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled MUSIC ANNOTATION BASED ON FACIAL EXPRESSION USING HAAR CASCADE ALGORITHM in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
Director-Administration



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NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

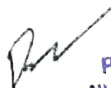
ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr. N.MAGENDRAN ASSOCIATE PROFESSOR/CSE of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled LOGO DETECTION USING DEEP LEARNING AND PYTHON in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
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ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mrs. P.RENUKADEVI, ASSOCIATE PROFESSOR/CSE of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled DUPLICATE SIGNATURE VERIFICATION USING IMAGE PROCESSING in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL, NAMAKAL Dist. NAMAKKAL

  
Director-Administration



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AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Mr. V.MAHESKUMAR, ASSISTANT PROFESSOR/CSE of PAAVAI ENGINEERING COLLEGE participated and presented a paper entitled MONEY REGONITATION AND FAKE CURRENCY DETECTION FOR BLIND in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL Post, NAMAKAL Dist.  
Director-Administration





REVA  
UNIVERSITY  
Bengaluru, India



**CERTIFICATE OF APPRECIATION**  
**2022 Third International Conference on Smart Technologies in**  
**Computing Electrical and Electronics (ICSTCEE)**

This is to certify that

.....  
E.ELANCHEZHIAN

from .....  
PAAVAI ENGINEERING COLLEGE

has presented a paper titled .....  
AEDAMIDL: An Enhanced and Discriminant Analysis of Medical Images using Deep Learning

in the 2022 Third International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE), IEEE Conference Record# 56972, held at REVA University, during 16<sup>th</sup>- 17<sup>th</sup> February 2022.



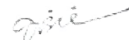
.....  
**Dr. B P Divakar**  
General Chair  
ICSTCEE 2022



.....  
**Dr. Mallikarjun Kodabagavi**  
Technical Program Chair  
ICSTCEE 2022

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE

.....  
ACHAL Post. NAMAKKA



.....  
**Dr. M Dhananjaya**  
Vice-Chancellor  
REVA University



REVA  
UNIVERSITY

Bengaluru, India



## CERTIFICATE OF APPRECIATION

### 2022 Third International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE)

This is to certify that

M.REVATHI

PAAVAI ENGINEERING COLLEGE

from .....

has presented a paper titled .....

AEDAMIDL: An Enhanced and Discriminant Analysis of Medical Images using Deep Learning

in the 2022 Third International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE), IEEE Conference Record# 56972, held at REVA University, during 16<sup>th</sup>- 17<sup>th</sup> February 2022.

Dr. B P Divakar  
General Chair  
ICSTCEE 2022

Dr. Mallikarjun Kodihagi  
Technical Program Chair  
ICSTCEE 2022

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
TACHAL Post, NAMAKKAL

Dr. M Dhanamjaya  
Vice-Chancellor  
REVA University





REVA  
UNIVERSITY

Bengaluru, India



**CERTIFICATE OF APPRECIATION**  
**2022 Third International Conference on Smart Technologies in**  
**Computing Electrical and Electronics (ICSTCEE)**

This is to certify that

S RAJESH

from PAAVAI ENGINEERING COLLEGE

has presented a paper titled AEDAMIDL: An Enhanced and Discriminant Analysis of Medical Images using Deep Learning

in the 2022 Third International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE), IEEE Conference Record# 56972, held at REVA University, during 16<sup>th</sup>- 17<sup>th</sup> February 2022.

Dr. B P Divakar  
General Chair  
ICSTCEE 2022

Dr. Mallikarjun Kodabagi  
Technical Program Chair  
ICSTCEE 2022

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
PACHAL Post, NAR

Dr. M Dhanamjaya  
Vice-Chancellor  
REVA University



**CERTIFICATE OF APPRECIATION**  
**2022 Third International Conference on Smart Technologies in**  
**Computing Electrical and Electronics (ICSTCEE)**


This is to certify that


M SIVARANJANI

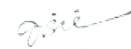
from PAAVAI ENGINEERING COLLEGE

has presented a paper titled AEDAMIDL: An Enhanced and Discriminant Analysis of Medical Images using Deep Learning

in the 2022 Third International Conference on Smart Technologies in Computing Electrical and Electronics (ICSTCEE), IEEE Conference Record# 56972, held at REVA University, during 16<sup>th</sup>- 17<sup>th</sup> February 2022.

  
Dr. B P Divakar  
General Chair  
ICSTCEE 2022

  
Dr. Mallikarjun Kodabagi  
Technical Program Chair  
ICSTCEE 2022

  
Dr. M Dhanamjaya  
Vice-Chancellor  
REVA University





# KUMARI MANGROVE FOUNDATION

SRG/Kanyakumari/41/2021

(A Charity NGO for Research and Development)

Kandanvilai, Kanyakumari District, Tamil Nadu, India.

Ph : +91-9385389630

Website : [www.kumarimf.com](http://www.kumarimf.com) Email : [kumarimangrove@gmail.com](mailto:kumarimangrove@gmail.com)

## Certificate of Participation


*This is to certify that*

**NMK RAMALINGAM SAKTHIVELAN**

**Associate Professor**

**Paavai Engineering College**

*have participated in the International Webinar on  
OS Installation and Software Testing  
organized by Kumari Mangrove Foundation  
on 21.01.2022 & 22.01.2022*

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
7, PACHAI Post.  
FOUNDER & SECRETARY



# KUMARI MANGROVE FOUNDATION

SRG/Kanyakumari/41/2021

(A Charity NGO for Research and Development)

Kandarvilal, Kanyakumari District, Tamil Nadu, India.

Ph : +91-9385389630

Website : [www.kumarimf.com](http://www.kumarimf.com) Email : [kumarimangrove@gmail.com](mailto:kumarimangrove@gmail.com)

## Certificate of Participation

*This is to certify that*

**M.BUVANESWARI**

**Associate Professor**

**Paavai Engineering College**

*have participated in the International Webinar on  
OS Installation and Software Testing  
organized by Kumari Mangrove Foundation  
on 21.01.2022 & 22.01.2022*

PRINCIPAL

PAAVAI ENGINEERING COLLEGE

9117, PAVALUR

FOUNDER & SECRETARY

list





# KUMARI MANGROVE FOUNDATION

SRG/Kanyakumari/41/2021

(A Charity NGO for Research and Development)

Kandanvillai, Kanyakumari District, Tamil Nadu, India.

Ph : +91-9385389630

Website : [www.kumarimf.com](http://www.kumarimf.com) Email : [kumarimangrove@gmail.com](mailto:kumarimangrove@gmail.com)

## Certificate of Participation

*This is to certify that*

**ARUL MOHAN RAJA.R**

**Associate Professor**

**Paavai Engineering College**

*have participated in the International Webinar on  
OS Installation and Software Testing  
organized by Kumari Mangrove Foundation  
on 21.01.2022 & 22.01.2022*

PRINCIPAL

PAAVAI ENGINEERING COLLEGE

PH-7, PACHAL Post, NAMAKKAL Dist

+91-9385389630 | [kumarimangrove@gmail.com](mailto:kumarimangrove@gmail.com) | [www.kumarimf.com](http://www.kumarimf.com)

FOUNDER & SECRETARY

Made for free with Certify'em



**REVA**  
**UNIVERSITY**  
Bengaluru, India



**CERTIFICATE OF APPRECIATION**  
**2022 Third International Conference on Smart Technologies in**  
**Computing Electrical and Electronics (ICSTCEE)**

This is to certify that

.....  
T.AMBIGA

.....  
from PAAVAI ENGINEERING COLLEGE

.....  
has presented a paper titled .....  
AEDAMIDL: An Enhanced and Discriminant Analysis of Medical Images using Deep Learning

.....  
in the 2022 Third International Conference on Smart Technologies in Computing Electrical and  
Electronics (ICSTCEE), IEEE Conference Record# 56972, held at REVA University, during 16<sup>th</sup>- 17<sup>th</sup>  
February 2022.

Dr. B P Divakar  
General Chair  
ICSTCEE 2022

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE

Dr. PACHAL Post. NAM

  
Dr. Mallikarjun Kodabagi  
Technical Program Chair  
ICSTCEE 2022

Dr. M Dhanamjaya  
Vice-Chancellor  
REVA University





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

MH - 44, PACHAL, NAMAKKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. S.SUMATHI, HEAD OF THE DEPARTMENT /MBA  
of

PAAVAI ENGINEERING COLLEGE(AUTONOMOUS) NAMAKKAL  
participated and presented a paper entitled

A STUDY ON JOB STRESS OF RAILWAYS EMPLOYEE'S WITH SPECIAL REFERENCE TO ERODE DISTRICT  
in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)  
organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

Convener

Principal

Director-Administration

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
M.H.7, PACHAL Post, NAMAKKAL Dist





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH-48, PACHAL, NAMAKKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

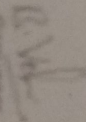
International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

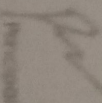
## CERTIFICATE

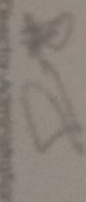
This is to certify that Dr./Prof./Mr./Ms. K. S. KAVITHA, ASSISTANT PROFESSOR /MBA  
of

PAAVAI ENGINEERING COLLEGE(AUTONOMOUS), NAMAKKAL  
participated and presented a paper entitled

A STUDY ON CONSUMER PREFERENCE TOWARDS CADBURY PRODUCTS IN NAMAKKAL  
in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)  
organized by Pavaai Engineering College on 20<sup>th</sup> October 2021.

  
Convener

  
Principal

  
Director Administration

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-48, PACHAL Post, NAMAKKAL Dist





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH-41, PACHAL, NAMAKKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

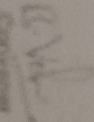
International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

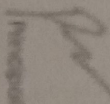
## CERTIFICATE

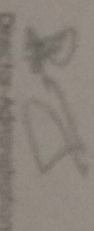
This is to certify that Dr./Prof./Mr./Ms. L. THIYAGARAJAN, ASSISTANT PROFESSOR /MBA of

PAAVAI ENGINEERING COLLEGE(AUTONOMOUS), NAMAKKAL participated and presented a paper entitled

A STUDY ON CONSUMER PERCEPTION TOWARDS FOOD DELIVERY APPLICATIONS DURING COVID-19 in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

  
Director

  
Principal

  
Director (Administration)

PRINCIPAL

PAAVAI ENGINEERING COLLEGE  
2047, PACHAL POST, NAMAKKAL DIST.



**INTERNATIONAL E-CONFERENCE**  
**on**  
**THE AGE OF DIGITAL TRANSFORMATION:**  
**Impact of Emerging Technologies in Marketing**  
**(December 18-19, 2021)**

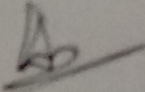
**CERTIFICATE OF PARTICIPATION**

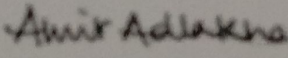
This is to certify that

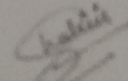
**Dr.R.N.Padma**  
**Professor, Paavai Engineering College**  
presented a paper titled

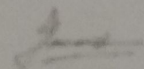
**Impulsive buying on social media platforms: A bibliometric review**

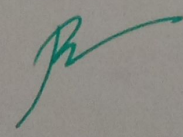
in the International E-Conference organized by School of Management  
(SoM), IMS Unison University, Dehradun on December 18-19, 2021

  
Dr. Gyan Narayan  
Chair  
International E-Conference,  
IMS Unison University

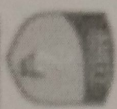
  
Dr. Amit Adlakha  
Co-Chair  
International E-Conference,  
IMS Unison University

  
Dr. Umesh Singh  
Organizing Secretary  
International E-Conference,  
IMS Unison University

  
Dr. Anurag Mishra  
Organizing Secretary  
International E-Conference,  
IMS Unison University

  
**PRINCIPAL**  
**PAVAI ENGINEERING COLLEGE**  
**PAVAI, PAALAKKAL DISTRICT**  
**PAALAKKAL DISTRICT**





# AMITY UNIVERSITY

A RESEARCH & INNOVATION DRIVEN UNIVERSITY

GRADE 'A+' ACCREDITED BY NAAC

## AMITY BUSINESS SCHOOL

### Certificate of Participation

This Certificate is awarded to MR. MANIKANDAN for his paper presentation on the topic:

THE EFFECT OF BRAND ON CONSUMER PURCHASE DECISION: A CASE STUDY OF JIO COMPANY IN

INDIA in the Human Resources Track during the 7<sup>th</sup> Global Leadership Research Conference

2022 on the theme 'Leading in the New Reality: Insights into Actions' held at Amity

Business School, Noida, India.

Date: 16<sup>th</sup> - 18<sup>th</sup> February, 2022

Prof. (Dr.) Sangeeta Bansal

Chairperson GLRC 2022

Dean, Faculty of Management Studies

Director, Amity Business School, A-312/2 Noida

PRINCIPAL

PAVAI ENGINEERING COLLEGE  
M.H.7. PACHAL Post, NAMAKKAL Dist.





# AMITY UNIVERSITY

A RESEARCH & INNOVATION DRIVEN UNIVERSITY

GRADE 'A+' ACCREDITED BY NAAC

## AMITY BUSINESS SCHOOL

### Certificate of Participation

This Certificate is awarded to MS. J. ISHWARYA for his paper presentation on the topic:

Antecedents of Online Working Proficiency of Employees Using Work from Home: A

Study in the Human Resources Track during the 7<sup>th</sup> Global Leadership Research Conference

2022 on the theme 'Leading in the New Reality: Insights into Actions' held at Amity

Business School, Noida, India.

Date: 16<sup>th</sup> - 18<sup>th</sup> February, 2022

*[Signature]*

Prof. (Dr.) Sanjeev Bhasal

Chairperson CLRC 2022

Dean, Faculty of Management Studies

PRINCIPAL

PAVAI ENGINEERING COLLEGE

PAVAI

9H.7. PACHAL Post, NAMAKKAL Dist



# Certificate

of Appreciation

It is Confirmed that

Prof./Dr./Mr./Mrs./Ms. G. AARITHANA, ASSISTANT PROFESSOR

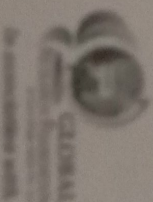
of PAVAI ENGINEERING COLLEGE, NAMAKKAL

**PRESENTED (LOCAL/VIRTUAL) - A PAPER ENTITLED**

**A STUDY ON THE SHIFT OF CONSUMER'S BUYING PATTERN  
TOWARDS E-COMMERCE POST COVID-19**

In the International Conference on "World-19 Post Corona & New Revival Trends,  
Research, Technologies & Global Future Opportunities" held in Mangalmai Institute  
of Management and Technology, Plot No. 6 and 9, Knowledge Park II,  
Greater Noida, U.P. 201310

**22<sup>nd</sup> - 23<sup>rd</sup> - May, 2021**



Dr. Aarithana  
Assistant Professor

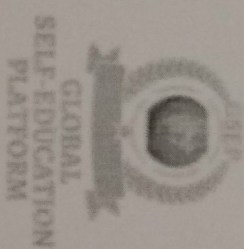
Dr. Aarithana  
Assistant Professor

Dr. Aarithana  
Assistant Professor

PRINCIPAL

PAVAI ENGINEERING COLLEGE  
Plot-7, PACHAI Post, NAMAKKAL Dist





# CERTIFICATE OF PRESENTATION

THIS IS TO CERTIFY THAT

**Mrs. V. Priyankadevi**

Presented during the 'Resilience in Entrepreneurship and Leadership' track at the grand global entrepreneurship virtual conference

CONNECTED ENTREPRENEURIAL

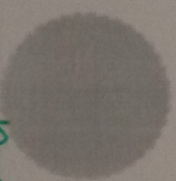
HYBRID

January 8, 2022 (5 hours)

CENTRE FOR ENTREPRENEURSHIP, EMPLOYABILITY, & LEADERSHIP (CEEL2022)

*Signature*

AL.H. TAOFEEK  
ADESINA SALAMU  
OSEP CEEL PRESIDENT



DR. KAPAYAT KHEINDE  
LAMIDI

FOUNDING EXECUTIVE DIRECTOR

PRINCIPAL

PAVAI ENGINEERING COLLEGE  
Post. NAMAKKAL Dist  
9th-7, PACHAL



ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

CERTIFICATE

This is to certify that Dr. G.SRINIVASAN, Professor & Head, CHEMICAL ENGINEERING of

Paavai Engineering College participated and

presented a paper entitle INVESTIGATION OF SEAWEED MIXED FRUIT JUICE BY USING EXTRACTION METHOD in  
International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized  
by Paavai Engineering College on 20<sup>th</sup> October 2021.

H. J. J. J. J.  
20/10/21

Convener

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
MURUGAPALLE, NAMAKKAL DISTRICT

Principal

Director-Administration



**NH - 44, PACHAL, NAMA KAL - 637 018, TAMILNADU, INDIA**

# CERTIFICATE

Director-Administration

PAVAI ENGINEERING COLLEGE  
HILL PACHAL POST NAMAKKAL DISTRICT  
PRINCIPAL





# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAIMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

## CERTIFICATE

This is to certify that Dr. Ms SELVABHARATHIP Associate professor of Paavai Engineering College participated and

presented a paper entitle PREPARATION OF GINGER OIL FOR OSTEOARTHRITIS PAIN RELIEF in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

H. J. J. J.

Convener

Principal

Director-Administration

PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
PACHAL POET NAIMAKAL DIST



# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE 638 060 TAMILNADU INDIA



Transform Yourself

Department of Chemical Engineering

## CERTIFICATE

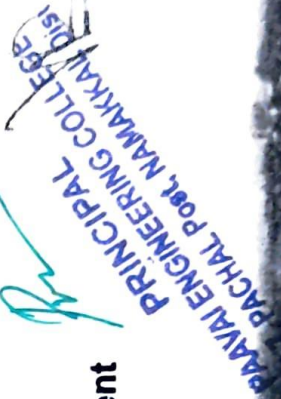
This is to certify that Mr./Ms./Dr. K. MARUTHATHURAI, Paavai Engineering College. has participated in the CSIR sponsored National Seminar entitled "Greenhouse Gas Emissions and Carbon Dioxide Sequestration by Agroforestry Systems for Sustainable Future" held on 19.11.2021 organized by the Department of Chemical Engineering, Kongu Engineering College, Perundurai, Erode.

  
Co-ordinator

  
Head of the Department

**KONGU**  
Aiming the Best

  
Principal

  
PRINCIPAL ENGINEERING COLLEGE  
PERUNDURAI, ERODE, TAMILNADU







# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL - 637 018, TAMILNADU, INDIA

ICATS-2021

## International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

### CERTIFICATE

This is to certify that Dr. K. MARUTHATHURAL, Assistant Professor, Department of Chemical Engineering of Paavai Engineering College (Autonomous) participated and

presented a paper entitle PREPARATION OF GINGER OIL FOR OSTEOARTHRITIS PAIN RELIEF in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized by Paavai Engineering College on 20<sup>th</sup> October 2021.

H. J. J. J. J.  
20/10/21  
Convener

  
Principal

  
PRINCIPAL  
PAAVAI ENGINEERING COLLEGE  
NH-44, PACHAL PO, NAMAKAL DIST  
Director-Administration



# PAAVAI ENGINEERING COLLEGE

AUTONOMOUS

NH - 44, PACHAL, NAMAKAL – 637 018, TAMILNADU, INDIA

ICATS-2021

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021)

CERTIFICATE

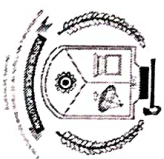
This is to certify that Mrs. C.MANISHA, Assistant Professor, CHEMICAL ENGINEERING of

Paavai Engineering College participated and

presented a paper entitle SYNTHESIS OF ACETYLATED STARCH NANOPARTICLES FOR FOOD PACKAGING APPLICATION in

International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021) organized  
by Paavai Engineering College on 20<sup>th</sup> October 2021.





**Sathyabama**  
Institute of Science and Technology



## ***Certificate of Participation***

*This is to certify that*

**Dr.P.JAYAKUMAR**

**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), PACHAL,**

**NAMAKKAL**

**Participated**

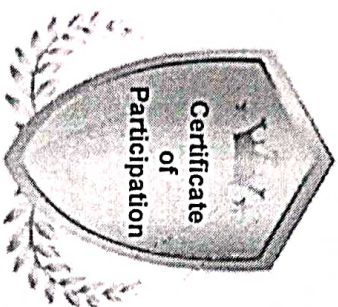
In the *International Conference on Mathematics and its Scientific Applications*, organised by Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, in association with Universiti Teknologi MARA, Malaysia, conducted on 3rd & 4th March, 2022.

**CONVENOR**

**PRINCIPAL**

**PAAVAI ENGINEERING COLLEGE  
JH-7, PACHAL Post, NAMAKKAL Dist.**

**VICE-CHANCELLOR**





**Sathyabama**  
Institute of Science and Technology

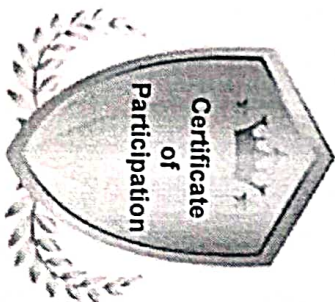


# *Certificate of Participation*

*This is to certify that*

**DR.M.SATHISHKUMAR**  
**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), PACHAL,**  
**NAMAKKAL**

**Participated**



**In the *International Conference on Mathematics and its Scientific Applications*,  
organised by Department of Mathematics, Sathyabama Institute of Science  
and Technology, Chennai, in association with Universiti Teknologi MARA,  
Malaysia, conducted on 3rd & 4th March, 2022.**

**CONVENOR**

**VICE-CHANCELLOR**

**PRINCIPAL**

**PAAVAI ENGINEERING COLLEGE**  
**39L7, PACHAL Post, NAMAKKAL Dist.**





**Sathyabama**  
Institute of Science and Technology



## ***Certificate of Participation***

*This is to certify that*  
**R PRADEEPA**

**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), PACHAL,**

**NAMAKKAL**

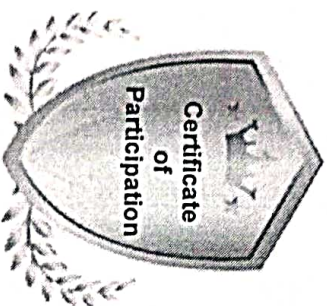
Presented a paper titled as

Transient behaviour of single server Markovian multiple variant  
vacation queues

In the *International Conference on Mathematics and its Scientific Applications*,  
organised by Department of Mathematics, Sathyabama Institute of Science  
and Technology, Chennai, in association with Universiti Teknologi MARA,  
Malaysia, conducted on 3rd & 4th March, 2022.

  
CONVENOR

  
VICE-CHANCELLOR



  
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PACHAL Post, NAMAKKAL Dist  
Tamil Nadu



Electronics &  
Communication  
Engineering



RF & Microwave Stream,  
Communication Systems Research Group (CSRG)

This is to certify that

**Dr.M.Sudha**

of Paavai Engineering College

has participated in International online webinar on

**"Channel Modelling and Antennas for 5G New Radio (NR)"**

from 14<sup>th</sup> June, 2021.

Dr. M. Sujatha  
Professor  
Dept. of ECE

Dr. M. Suman  
Professor & HOD  
Department of ECE

Dr K. Subbarao  
Principal  
K L College of Engg.

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Department of  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

## CERTIFICATE OF PARTICIPATION

This is to certify that

**Dr. T. LOGANAYAGI/Professor/ECE**

has participated in the Webinar on “*Research Challenges in Optical Communication*”, organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore on 18.02.2022.

**Mr.K.R.Kannan**  
Co-ordinator

**Dr.B.Paulchamy**  
Convener

**Dr.C.Natarajan**  
Principal

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PAAVAI ENGINEERING COLLEGE  
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# **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**



## **CERTIFICATE OF PARTICIPATION**

***Dr . R.Pushpavalli***

**has participated in the webinar entitled,  
"Roles & Importance Of Sensor In Medical Equipment" jointly  
organized by our Department of Biomedical & Medical Electronics  
Engineering on 16.06.2021.**

**DR.T.ARUN KUMAR**

CONVENER

**DR.R.PUSPHAVALLI**

COORDINATOR

**DR.M.PREMKUMAR**

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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

This is to certify that SAMUNDEESWARI ANNATHURAI of  
PAAVAI ENGINEERING COLLEGE

participated in the "**Webinar on Innovation and IPR**" conducted by  
Department of Computer Science and Engineering on **11-09-21** in  
association with CSI & IIC.

*K. Kiran Kumar*

Prof.K.Kiran Kumar  
Professor & HOD  
CSE Department

*Dr. M. Chandrasekhar*

Dr.M.Chandrasekhar  
Principal

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**S.Gnanasekaran**

of Paavai Engineering College

has participated in International online webinar on  
**"Channel Modelling and Antennas for 5G New Radio (NR)"**  
from 14<sup>th</sup> June, 2021.

Dr. M. Sujatha  
Professor  
Dept. of ECE

Dr. M. Suman  
Professor & HOD  
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for participating in the virtual webinar on " LEAD THE LEADERSHIP "  
organized by Department of MBA(IEV), IIC & IEDC of Puducherry  
Technological University on 3rd September 2021.

Dr. B. Hema Kumar  
Convenor, IIC

Dr. N. Siva Kumar  
Program Co-ordinator, MBA

Dr. R. Sundramurthy  
Executive Director, AIC-PECF

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of Paavai Engineering College, Namakkal

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**"Channel Modelling and Antennas for 5G New Radio (NR)"**

from 14<sup>th</sup> June, 2021.

Dr. M. Sujatha  
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Dept. of ECE

Dr. M. Suman  
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Department of ECE

Dr. K. Subbarao  
Principal  
K L College of Engg.



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Communication Systems Research Group (CSRG)

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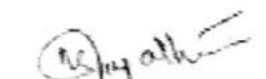
S.R.Thiruvasagam

of Paavai Engineering College

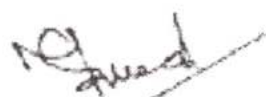
has participated in International online webinar on

**"Channel Modelling and Antennas for 5G New Radio (NR)"**


from 14<sup>th</sup> June, 2021.



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Professor  
Dept. of ECE



Dr. M. Suman  
Professor & HOD  
Department of ECE



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Principal  
K L College of Engg.



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**Mr. SATHISH.S**

**for participating in the online webinar on**

**"INTELLECTUAL PROPERTY RIGHTS FOR STARTUPS"**

**organised by MBA(IEV), IIC & IEDC of Puducherry Technological University  
held on 18 September 2021.**

Dr. B. Hemakumar  
Convenor, IIC

Dr. N. Siva Kumar  
Program Co-ordinator, MBA

Dr. R Sundaramurthy  
Executive Director,  
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successfully participated in IP Awareness/Training program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
on April 28,2022

Jointly Organized by

**Intellectual Property Office and MoE's Innovation Cell, India**

*Abhay Jere*

(Dr. Abhay Jere)

CHIEF INNOVATION OFFICER  
MINISTRY OF EDUCATION'S INNOVATION CELL (MIC)  
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*[Signature]*  
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*[Signature]*

(Prof. (Dr) Unnat P. Pandit)  
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**Sabari Pounraj**

Test Taker ID: PTE001590874

Registration ID: 407595235

Overall Score

**35**

Pounraj Sabari - 407595235

## Communicative Skills

34

Listening

32

Reading

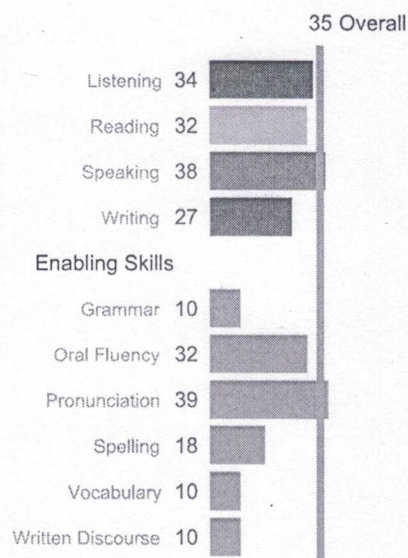
38

Speaking

27

Writing

## Skills Breakdown



## Test Centre Information

Test Date: 22 Oct 2021

Valid Until: 22 Oct 2023

Test Centre Country: India

Test Centre ID: 83488

Test Centre: Dr NGP Institute Of Technology

## Candidate Information

Date of Birth: 08 Jun 1989

Country of Citizenship: India

Country of Residence: India

Gender: Male

Email: ppcsabari@gmail.com

First-Time Test Taker: Yes

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**pounraj, sabari**

JANUARY 23, 2022

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**85**

### Overall

The test taker's ability to use English in a variety of modes and contexts.



- Can understand the main points of concrete speech or writing on routine matters such as work and school.
- Can describe experiences, ambitions, opinions, and plans, although with some awkwardness or hesitation.

**80**

### Literacy

The test taker's ability to read and write.



**85**

### Comprehension

The test taker's ability to read and listen.



**80**

### Conversation

The test taker's ability to listen and speak.



**75**

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