



PROBE

# CERTIFICATE

OF ACHIEVEMENT

P  
PROBE  
27TH EDITION

is proudly presented to

SENTHIL PITCHAPPAN. V

for participating in

**“ Optical Character Recognition ”**

workshop at PROBE 2019 held at NIT Trichy during Feb 2-3, 2019

Mr. Prakash Sabesan  
Chairman  
(ECE)

Dr. Lakshmi Narayanan  
Head of Department  
(ECE)



# MANGAYARKARASI COLLEGE OF ENGINEERING

Paravai, Madurai - 625 402.

Approved by AICTE , New Delhi & Affiliated to Anna Univer



A National Level

## MCE PROJECT EXPO 2019

Sponsored by TNSCST,CHENNAI AND NCSTC, NEW DELHI

### Certificate

This is to Certify that Mr/Ms...T. SENTHIL PITCHAPPAN...of VELAMMAL COLLEGE OF ENGG & TECH

has Participated / Won .....3<sup>rd</sup> PLACE..... in MCE PROJECT EXPO 2019

(TNSCST, Chennai & NCSTC New Delhi Sponsored) Titled "SMART GARBAGE MANAGEMENT SYSTEM USING INTERNET OF THINGS (IoT)"

On 26 th July at Mangayarkarasi College of Engineering, Paravai, Madurai

V.Kanagarajbalaian

Co-Ordinator

A. Shalique

Director

R. Arjun

Principal



# KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE 638 060 TAMILNADU INDIA



School of Computer Technology and Applications  
Department of Computer Applications



## CERTIFICATE

This is to certify that SENTHIL PITCHAPPAN . ✓

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY  
has attended Pre-Conference Workshop on Machine Learning in Image Processing  
from 08.08.2019 to 09.08.2019 in AICTE Sponsored International Conference on Recent Trends  
and Challenges in Healthcare Informatics (RCHI-2019).

  
Co-ordinator

  
HOD / CA

  
Principal





# CERTIFICATE

## Of Internship

This Certificate is Proudly Presented to

Mr./Ms

SENTHIL PITCHAPPAN V

of

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY

has successfully completed a 8 days 70 hours Internship on various Internet of Things (IoT) tools and technologies and worked on real time IoT application based project under the aegis of Expertshub Industry Skill Development Centre from Jun 13th to 20th, 2019 held at St. Peter's Institute of Higher Education and Research, Chennai.

S. No : S/IOT/\_7519



Technical Advisor,  
ExpertsHub

A handwritten signature in black ink.

Dr. R. Rani Hemamalini  
Professor & Head (EEE)

A handwritten signature in blue ink.

Dr. L. Mahesh Kumar  
Director-Academic

Associate Partner



Sinhgad Institutes



**GATEWAY**  
EDUCATION



An ISO 9001:2015 Quality Certified Organization

## Certificate of Participation

This is to certify that Mr./Mrs. V. SENTHIL PITCHAPPAN (II - YEAR , ECE)  
of VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY has actively participated  
and presented the project titled SMART GARBAGE SYSTEMS USING IOT.  
in YESIST12 - A INTERNATIONAL LEVEL PROJECT EXPO conducted by IEEE Student  
Branch of Jeppiaar Institute of Technology.

12.07.2019

*Date*

*Act*

*Dr. N. Marie Wilson, B.Tech., M.B.A., P.hd.,*  
*Managing Director*



SMART INDIA  
HACKATHON  
2019

Organizers



SOFTWARE EDITION

Grand Finale  
2<sup>nd</sup> and 3<sup>rd</sup>  
March 2019

# CERTIFICATE

## Participation

This Certificate is awarded to

SENTHIL PITCHAPPAN V

of team B UNIQUE for participating in

'Smart India Hackathon, 2019'.

R. Subrahmanyam

Hon'ble Secretary, MHRD

Dr. Anil D. Sahasrabudhe

Chairman, AICTE  
Chairman, Organizing Committee,  
Smart India Hackathon 2019

Dr. Abhay Jere

CIO, MIC, MHRD  
Organizing Committee,  
Smart India Hackathon 2019

Dr. Anand Deshpande

Chairman and MD, Persistent Systems  
Co-Chairman, Organizing Committee,  
Smart India Hackathon 2019

Hariom Tayal

Chairman  
Panipat Institute of Engg. & Technology  
Samalkha

Partners



Deloitte.



DEVNET

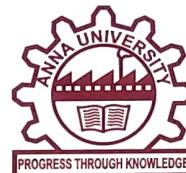
KPIT

Communication  
Partners



PANIPAT INSTITUTE OF  
ENGINEERING & TECHNOLOGY





Certificate No.

000262

ANNA UNIVERSITY SPORTS BOARD  
CHENNAI - 600 025

ZONAL TOURNAMENTS 2018-19  
CERTIFICATE OF MERIT

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This is to certify that ..... V. SENTHIL PITCHAPPAN Register No. .... 913117106072 .....

Branch ..... ECE - II ..... of VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY .....

Zone ..... 16 ..... was a member of ..... BASKET BALL (MEN) ..... Team

who secured **WINNERS** in the Anna University Zonal Tournaments for the Year 2018-19, held at

..... K.L.N. COLLEGE OF INFORMATION TECHNOLOGY .....

from ..... 27.08.2018 ..... to ..... 28.08.2018 .....

Local Sports Coordinator

Local Sports Secretary

Zonal Sports Secretary

Zonal Sports Coordinator

# Certificate OF PARTICIPATION

**V SENTHIL PITCHAPPAN**

In recognition of your participation in  
2 Days Android App Development workshop  
Date : 12th and 13th January 2019  
at IIT MADRAS.

  
Saarang'19  
IIT Madras

  
TechobYTE  
Technologies



**TechobYTE**  
Step in for better future

# CERTIFICATE

## OF PARTICIPATION

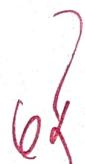
This is to certify that

**SENTHIL PITCHAPPAN V**

has participated in the

**Internship**

from 19 Nov 2018 to 17 Dec 2018



Murali Kumar S K

CEO & Director

17 Dec 2018

Subramanian M

Associate Director - IT



## Star Performer Award

Dec 2018

Awarded to **Senthil Pitchappan V** for his excellent commitment & contribution in

developing the UI pages for the ERP Application in a short span of time.

His quick learning ability, sincerity and commitment towards completion of the tasks assigned are outstanding.

MAVEL appreciates his contribution.

(Signature)

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**Murali Kumar S K**

CEO & Director

---

**Subramanian M**

Associate Director - IT

**MAVEL**  
Technologies Pvt. Ltd.

## CERTIFICATE OF PARTICIPATION

This is to certify that SENTHIL - V of VELAMMAL COLLEGE OF ENGG & TECH has participated in "18'Hz", A National Level Technical Symposium organized by Department of Electronics and Communication Engineering, CARE Group of Institutions, Tiruchirappalli on 1&2<sup>nd</sup> February 2018.

  
**Co-ordinator**

  
**Head of the Department**



# CERTIFICATE OF ACHIEVEMENT

CASH PRICE  
RS. 750/-

This is to certify that

SENTHIL PITCHAPPAN

of

VELAMMAL COLLEGE OF ENGG & TECH has won SECOND place in PAPER PRESENTATION, "18'Hz", A National Level Technical Symposium organized by Department of Electronics and Communication Engineering, CARE Group of Institutions, Tiruchirappalli on 1&2<sup>nd</sup> February 2018.

Mr. D Jayamani

Co-ordinator

S. Ghant

Head of the  
Department





Certificate No.

000268

ANNA UNIVERSITY SPORTS BOARD  
CHENNAI - 600 025

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ZONAL TOURNAMENTS 2017-18  
CERTIFICATE OF MERIT

This is to certify that SENTHIL PITCHAPPAN.V.....Register No. 913117106072.....

Branch I-ECE..... of VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY.....

Zone .....16..... was a member of .....BASKET BALL (MEN)..... Team

who secured WINNERS in the Anna University Zonal Tournaments for the Year 2017-18, held at

.....KLN COLLEGE OF ENGINEERING.....

from 18.09.2017 to 19.09.2017.....

Local Sports Coordinator

Local Sports Secretary

Zonal Sports Secretary

Zonal Sports Coordinator



# VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY-MADURAI

(Accredited by NAAC with 'A' GRADE. Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA)

### INTELLIGENCE2K18

THIS IS TO CERTIFY THAT

MR./MS. V. SENTHIL PITCHAPPAN of E.C.E Dept.,

OF VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY

HAS I PRIZE IN THE EVENT "PAPER PRESENTATION"

CONDUCTED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Coordinator(s)

Convener

Principal



# Velammal College of Engineering and Technology

Viraganoor, Madurai - 625008 (Accredited by NAAC with "A" Grade)

## Department of Mechanical Engineering

(B.E. Mechanical Engineering Programme - Accredited by NBA)

# M/C 2k18

### Certificate of Participation

This is to certify that

Mr /Ms ..... **V. Senthil Pitchappan** .....

of **Velammal college of Engg&Tech** has presented a

project entitled ..... **Obstacle Avoiding Robot** .....

in **2<sup>nd</sup> National Level & 8<sup>th</sup> State Level Mini Project Contests - M/C 2K18**

conducted on March 23<sup>rd</sup> 2018 organised by **Department of Mechanical  
Engineering.**

  
Dr. M. Maran & A. Arun Senthil Kumar  
Coordinators

  
Dr. G. Manikandan  
Convenor

  
Dr. P. Alli  
Principal

Mechanise your Creativity !



VELAMMAL COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
MADURAI.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# Certificate

THIS IS TO CERTIFY THAT

Mr. / Ms. SENTHIL PITCHAPPAN.V

OF

II YEAR ECE HAS ATTENDED THE TWO DAY WORKSHOP ON

**STIMULATION OF SIGNALS AND SYSTEMS IN MATLAB**

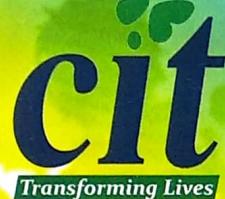
ORGANIZED BY IETE STUDENTS' FORUM(ISF)

DURING 11/12/2018 & 12/12/2018

*Ishaan*  
PROGRAMME CO-ORDINATOR

*Sonal 12/12/2018*  
HOD  
(ECE)

*Chay*  
PRINCIPAL



CHENNAI  
INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)



Sarathy Nagar, Nandambakkam, Kundrathur, Chennai - 69.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**VIDYUTRENZ 2K18**

**A NATIONAL LEVEL TECHNICAL SYMPOSIUM**

(AS A PART OF TAKSHASHILA)

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms. SENTHIL \_\_\_\_\_ of \_\_\_\_\_

place in PAPER PRESENTATION \_\_\_\_\_ event in the National  
Level Technical Symposium-VIDYUTRENZ 2K18 on 1st Mar 2018

held at **CHENNAI INSTITUTE OF TECHNOLOGY.**

HOD  
ORGANISING COMMITTEE

ZEBRONICS

POORVIKA

*[Signature]*  
PRINCIPAL



### CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SENTHIL PITCHAPPAN. V of  
VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY has participated in  
the event PAP(I) ER BUZZ in KRIYA 2K18.

R. Shakthi

Mr R. Shakthi Naarayanan  
Chairperson, Students Union

K. Natarajan

Dr K. Natarajan  
Dean, Student Affairs

R. Rudramoorthy

Dr R. Rudramoorthy  
Principal

**PSG COLLEGE OF TECHNOLOGY**

**STUDENTS UNION 2K17-18**



## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SENTHIL PITCHAPPAA of  
VELAMMAL COLLEGE OF ENGG. has participated in  
the event PAPER PRESENTATION (CECE) in KRIYA 2K18.

R. Shakthi

Mr R. Shakthi Naarayanan  
Chairperson, Students Union

K. Natarajan

Dr K. Natarajan  
Dean, Student Affairs

R. Rudramoorthy

Dr R. Rudramoorthy  
Principal



## Certificate of Technical Prowess

Serial No.:W/2018/ZE01

This is to certify that

**Mr. SENTHIL PITCHAPPAN V**

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI

has successfully completed one day  
**Embedded Robotics** hands on workshop under the aegis of  
**Aurora Technovation** on 25th march, 2018 held at Madura college, Madurai. This workshop provides a platform for younger minds to explore their Technical prowess.



VijaySankar  
C.E.O AURORA



Training Head  
Zora



# Certificate

OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

V. Seuthil Pitchappan

has attended the workshop on  
**"PRO-BOT : Obstacle Avoiding Bot"**  
at PROBE 2018 held at NIT TRICHY  
during February 3-4, 2018.

P. Balaji Aathitan

P.Balaji Aathitan  
Chairman  
(ECE Association)

Dr.G.Lakshmi Narayanan  
Head of Department  
(ECE Association)

**VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY**

**VIRAGANOOR, MADURAI – 625009**



**DEPARTMENT OF CHEMISTRY**



**ECO CLUB**  
**CERTIFICATE**

This is to certify that Mr./Ms. V. SENTHIL PITCHAPPAN

of II - ECE (A) has served as President /Vice President /

~~Secretary / Assistant Secretary / Treasurer / Member of the Eco club~~

during the academic year 2018 - 19.



**College Seal**

  
**Principal**

  
**Leera Venkateswari  
Co-ordinator**

# Award Certificate

This certificate is awarded to

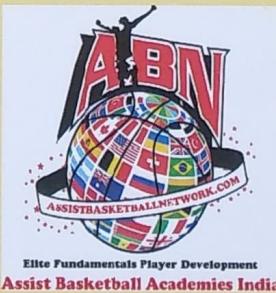
Senthil

in recognition of

Participation ABN camp Dec. 2016

Kenneth Bloch

Presented by:



21/12/2016

Date: