



## Amurtha ASOKUMAR

21 ans

Nationalité française

DUT GEII 2A



[www.amurtha.asokumar.com](http://www.amurtha.asokumar.com)

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[amurtha.asokumar@gmail.com](mailto:amurtha.asokumar@gmail.com)

### COMPÉTENCES

- Démarche de projet
- Travail en équipe

### INFORMATIQUE

- Arduino
- Scratch
- Solidworks
- Sketchup
- Easy Eda
- Express PCB
- Proteus, ISIS
- Visual Studio (Windows Forms, Console, UWP)

### LANGUES

Français	Langue de scolarisation
Anglais	C1
Espagnol	A2
Tamoul	Langue maternelle

## Recherche d'un contrat d'alternance pour la Licence professionnelle EGER (FST Nancy)

### FORMATIONS

- 2021 **DUT Génie électrique et Informatique industrielle**  
IUT de Nancy-Brabois, Villers-lès-Nancy (54)  
Énergie, Distribution électrique, Systèmes électroniques, Habilitation, Appareillage Électrique, Moteur/Variateur, Électromagnétisme, Automate programmable, Informatique embarquée, régulation asservissement
- 2019 **Bac S, option Physique-chimie**  
Lycée français de Pondichéry, Pondichéry (Inde)
- 2016 **Formation Arduino**  
Exor Robotics, Pondichéry (Inde)

### EXPÉRIENCES PROFESSIONNELLES

- 2020 **Asokumar ES**, Pondichéry (Inde)  
Dirigeant d'équipe - 4 ans  
Installation des systèmes domotiques
- 2018 **Lycée français de Pondichéry**, Pondichéry (Inde)  
Animateur du club Arduino - 1 an
- 2017 **French cyber**, Pondichéry (Inde)  
Assistant technicien de maintenance des ordinateurs - 2 ans

### PRIX

- 2018 **YOUNG SCIENTIST INDIA - Space Kids India**, Chennai (Inde)  
Prix "TOP 50 projects", thème électronique - niveau national
- 2015 **PROJECT DISPLAY - SSN Engineering College**, Chennai (Inde)  
Prix "Budding Innovator Prize" pour le projet Soil Savior sur le thème Arduino - niveau national

### PARTICIPATIONS

- 2017 **Concours Valeo Innovation Challenge**  
Projet de réservation du parking avant le départ
- 2017 **Google Science Fair**  
Projet permettant aux personnes sourdes de communiquer avec les personnes normales

### CONFÉRENCES ANIMÉES

- 2017 **Ecole d'Aurobindo** - Pondichéry (Inde)  
La domotique par le module Nodemcu
- 2017 **Institut français de Pondichéry** - Pondichéry (Inde)  
La domotique et les projets réalisés par Arduino
- 2016 **Lycée français de Pondichéry** - Pondichéry (Inde)  
Plateformes des savoirs, projets Arduino et la domotique

Vu la labellisation du Pôle Étudiant Pour l'Innovation, le Transfert et l'Entrepreneuriat PEPITE by PEEL en date du 12 mars 2014 par décision du jury de sélection de l'appel à projets en faveur de l'entrepreneuriat étudiant,

Vu les textes sur les PEPITE, notamment la circulaire en date du 21 mai 2014 relative à la création du statut national d'étudiant entrepreneur et du diplôme d'étudiant entrepreneur (D2E),

# Le STATUT NATIONAL ÉTUDIANT-ENTREPRENEUR est délivré pour l'année universitaire 2019-2020 à

**Amurthamourthy Valentin ASOKUMAR**

**né le 10 juin 2000**

Pour valoir ce que de droit



# épépite

**LE STATUT D'ÉTUDIANT ENTREPRENEUR**  
Un cadre protecteur et incitatif offert à ceux qui créent et innovent



[mesr.gouv.fr/c79926](http://mesr.gouv.fr/c79926)





# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY



(Approved by AICTE and Affiliated to Pondicherry University)  
Kalitheerthalkuppam, Puducherry - 605107.

DEPARTMENT OF INFORMATION TECHNOLOGY

**A National Level IT Tech Fest**

**XTRA'15**

**CERTIFICATE OF MERIT**

This is to certify that Mr./Ms. ASOKUMAR AMURTHA.....of  
LYCÉE FRANÇAIS, PUDUCHERRY.....has  
won the SPECIAL PRIZE...place in the ARDUINO PROJECT..... Event in A National Level  
IT Tech Fest - XTRA-2015 held at Department of Information Technology, Manakula Vinayagar  
Institute of Technology, Puducherry on 12<sup>th</sup> August 2015 .

  
Convener

  
Principal

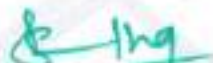
  
Chairman




# ORBITCE 2K15

## MERIT CERTIFICATE

This is to certify that Mr./Ms. ASOKUMAR AMURTHAMOURTHY VALENTIN of  
LYCEE FRANÇAIS DE PONDICHERRY  
has been awarded the BUDDING INNOVATOR place in the event  
PROJECT DISPLAY organised during Orbitce 2k15,  
a National Level Technical Symposium of the Department of Electronics and  
Communication Engineering, SSN College of Engineering, held on 31st August 2015.

  
**Dr. S. Radha**  
HOD, Dept. of ECE  
SSN College of Engg.

  
**Dr. S. Salivahanan**  
Principal  
SSN College of Engg.



# JUNIOR CHAMBER INTERNATIONAL PONDICHERRY

&

## MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Puducherry - 605107.



### SCIENCE MISSION - 2016

( State Level Science Exhibition )

### CERTIFICATE OF APPRECIATION



Certified that Mr. / Ms. ASOKUMAR AMURTHA Studying 10<sup>TH</sup> Std.

in LYCEE FRANÇAIS DE PONDICHERRY School has participated and Won COMPLIMENTARY prize

in the Science Mission - 2016 (Junior) on Saturday, the 30<sup>th</sup> January 2016 at Vivekanandha Higher Secondary School, Lawspet, Puducherry.

We appreciate the student for participating in the State Level Science Exhibition.

Jc. P. Devanathan  
President,  
JCI Pondicherry.

Jc. P. Balaji  
Project Co-ordinator,  
JCI Pondicherry.

Dr. S. Malarkkan  
Principal,  
MVIT, Puducherry

Shri. M. Dhanasekaran  
Chairman & Managing Director,  
SMVE Trust





# Trinity College London

**A. Amurthamourthy**

student at Trinity School of Spoken English

is awarded

**Grade 4**

**Graded Examination in Spoken English**

**Entry Level Certificate in ESOL International  
(Speaking and Listening) (Entry 2)\***

**CEFR Level A2.2**

**with Merit**

Prepared for examination by Mrs. Veena Dassapa

Trinity School of Spoken English - November 2015  
Certificate issued 5 January 2016

Sarah Kemp  
Chief Executive, Trinity College London  
Patron HRH The Duke of Kent KG

\*Refers to the National Qualifications  
Framework in England, Wales and Northern Ireland

**TRINITY**  
COLLEGE LONDON

Qualification number: 500/2000/6  
Trinity ID: 1-497686892-1-497732983  
Candidate number: 1-497732983

Regulated by  
**Ofqual**  
\*\*\*\*\*  
For more information see [www.ofqual.gov.uk](http://www.ofqual.gov.uk)

Llywodraeth Cymru  
Welsh Government

## Talk on "Arduino Revolution"

By

Mr. Amurthamourthy Valentin ASOKUMAR, 12th grade student at the French Lycée in Pondicherry

On Monday June 26th at 5.00 pm

In the IFP conference hall

### ABSTRACT:

*"While we move on near the futuristic world, factories and robots are being held on to our daily basis.*

*Nowadays Arduino is getting used by everyone, so what is Arduino and what do we use for? Well Arduino is basically a board which is programmed for different purposes.*

*It is an open source hardware well known for Robotics. Arduino can do certain commands which will have an effect on the surrounding.*

*There are different boards, each board is different by its size and by its purpose. Developers such as scientists frequently use Arduino boards to build robots, to perform automatic gestures at your house... First of all we are going to discover the theory related to the subject then will move on to the practical side.*

*The theory part will be mostly based on programming such as the logic behind it and the software used to program then we will certainly show a live programming which will set an example of how easy it is and how useful it could be.*

*This Conference will surely inspire many young pupils to know more about Arduino and its purposes."*

**The conference will be in French but there will be explanations in English also, therefore non-French speaking people will also be able to enjoy the talk.**





October 26 2015

IN0060317

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ASOKUMAR  
64 SAVRIYALOU STREET, INDE  
PUDUCHERRY, 605001

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Best wishes,

Sebastiaan Burgmans  
Head of Small Business Marketing - India

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*We are happy to present*

*Mr. / Ms. AMURTHA*

*with this certificate of Participation in the Puducherry District*

*Project Title: Battery Level Indicator.*

*R.B.U. SHYAM KUMAR*  
Chief Executive Officer

Date of Event:  
Place:

3-7-15



# Castor Informatique

Niveau Seconde - binôme



## Asokumar Amurthamourthy Valentin

a obtenu 345 points sur 480,  
et la 1<sup>ère</sup> place sur 14 dans l'établissement.

[www.castor-informatique.fr](http://www.castor-informatique.fr)



Certifié le 14/12/2015

par M. Guy, coordinateur.

Lycée Français de Pondichéry, Pondicherry



## ATTESTATION DE COMPETENCES CIVIQUES ET CITOYENNES

Le Proviseur du lycée français de Pondichéry certifie que

M. ou Mlle Amudha ASOKIAR a exercé, au cours de l'année scolaire 2016-2017, les mandatures de :

- délégué de classe
- représentant des élèves au Conseil d'Etablissement,
- représentant des élèves au Conseil pour la Vie des Elèves (CVE)
- n'a pas exercé de mandature mais s'est distingué par son investissement et son implication

À ce titre, il/elle a acquis une très bonne maîtrise des compétences suivantes:

### Compétences personnelles :

- Être source de proposition,
- Développer des idées et les exprimer,
- Prendre la parole en public,
- Développer la confiance en soi,
- Faire preuve de créativité,

### Compétences techniques :

- Mobiliser les acteurs de la communauté éducative selon le projet concerné,
- Organiser des réunions,
- Mettre en œuvre un projet (de la conception à la réalisation),
- Prendre des notes et restituer une trace écrite.

### Compétences sociales et civiques :

- Accepter les différences de points de vue,
- Travailler en équipe (avec des interlocuteurs différents),
- Engagement citoyen,
- Développement du sentiment du « bien vivre ensemble »,
- Défendre et porter ses idées.

### Autres compétences :

- Présentation dans le cadre de la fête de la robotique des services
- Animation : présentation de ses créations robotiques pour le JPO.

Signature Président CVE (Proviseur)



LYCÉE FRANÇAIS  
LE PROVISEUR  
PONDICHERY

Signature Vice-Président CVE



Signature CPE



LYCÉE FRANÇAIS de Pondichéry  
Le Conseiller  
Principal  
D'Éducation



# YOUNG SCIENTIST INDIA 2017-2018

CERTIFICATE

of

**APPRECIATION**

*Presented to*

**ASOKUMAR AMURTHAMOURTHY VALENTIN**

*for the outstanding participation in  
Young Scientist India 2017-2018*

*Dr. Srinathy Kesari*

*Director*

*Space Kidz India*







*We are happy to present*

*Mr. / Ms. AMURTHA*

*with this certificate of Participation in the Puducherry District*

*Project Title: Battery Level Indicator.*

  
R.B.U. SHYAM KUMAR  
Chief Executive Officer

Date of Event: 3.7.15  
Place:



**SRI AUROBINDO**  
**INTERNATIONAL CENTRE OF EDUCATION**

SRI AUROBINDO ASHRAM ■ PONDICHERRY 605002 ■ INDIA ■ PHONE (0413) 2233645

ICE / STAT / 12411 / 18

10<sup>th</sup> March 2018

TO WHOM IT MAY CONCERN,

This is to state that Mr. ASOKUMAR Amurthamourthy Valentin, gave a presentation on: **"La Révolution Arduino"**, on the 16<sup>th</sup> of June 2017, at Sri Aurobindo International Centre of Education, Pondicherry.

He presented the basics of how to use the Arduino Chip along with some electronic components and demonstrated the following projects which were based on the Arduino Chip:

- 1) Obstacle-avoiding Robot.
- 2) A remote switch to power on and power off lights.
- 3) A walking stick useful for blind people.

Students in the age-group 12 – 14 attended his presentation with a lot of interest and were curious about the practical details of the projects.

Mr. Asokumar is passionate about doing projects in electronics and sharing his passion with young children.

**MANOJ DAS GUPTA**

REGISTRAR

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PONDICHERRY - 605 002