



ABDUL HAFIS CHAKKARAMPARAMBIL HARIS

Location: Kerala, India

Contact No: +918330052476

E-mail : chhafis@gmail.com

I am an experienced Hardware Engineer with a proven track record at Nimo Planet Inc., a leading innovator in smart AR glasses technology. Seeking to leverage expertise in hardware design and development to contribute to the advancement of cutting-edge augmented reality solutions. received recognition from the Indian government as well as the Kerala government. Creator of Autopill awarded The best startup idea in Kerala by Samrambhaka Mitra

LANGUAGE

- English
- Malayalam
- Hindi

EXPERTISE

- Hardware Design
- Embedded Systems
- Testing and Troubleshooting
- Sensor Integration
- PCB Layout
- Component Selection
- Fluent in multiple coding languages
- Robotics
- Hardware hacking

CERTIFICATE

- **ELECTRIC POWER SYSTEMS**
The State University of New York
- **SELF-DRIVING CAR**
University of Toronto
- **EMBEDDED SYSTEM AND ROBOTICS**
IIT Bombay
- **CISCP**
BlueOcean

EXPERIENCE

○ Hardware Engineer

NIMO Planet Inc

08/2022 - Present - 1.5 Years

- Lead the hardware design and development process for smart AR glasses, helping to build the company's reputation as a major player in the AR technology space
- Collaborate with cross-functional teams to seamlessly integrate hardware components and software functions, to ensure efficiency and user experience.
- Implement enhancements to increase product reliability and performance, and to meet testing and validate hardware prototypes.

EDUCATION

○ Bachelor of Technology in electrical and electronics engineering

KMEA Engineering College, Kerala

2018 - 2022 📍 Kerala, INDIA

○ Higher Secondary

THE ENGLISH SCHOOL, Umm al Quwain

2014 - 2016 📍 UAQ, UAE

PROJECTS

○ Nimo Core and Glasses

Played a key role in designing and developing Nimo, the world's first Spatial Computer designed for Productivity, that fits in your pocket.

○ Autopill

Build the worlds first fully automated portable pill dispenser (currently in patent filling stage). Awarded the best startup idea in Kerala

○ Fuego Covid Robot

Created a complete team and Build Kerala's first affordable fully Automated covid robot during covid lockdown. featured in Time of India

○ Aurora

Created an AR Based Learning app for school. Got selected to present at IISF 2021 held at goa by Indian government

SOFTWARE

- Altium
- Cadence Allegro
- EasyEDA
- SOLIDWORKS
- OrCAD
- KiCAD

INTERSHIP

- | | |
|------|---|
| 2022 | WOZART Technologies
complete home and industrial automation |
| 2021 | E yantra Robotics
Build self driving robot |
| 2021 | Fuego Covid Robot
Build the first affordable fully automated covid Robot in Kerala |
| 2019 | Electric Formula Race car Design and Development
Build a Electric Formula Race Car which was tested and analyzed for race |

OTHER NOTABLE PROJECTS

- **Smart vaccine transport**

Technical lead in Building a Portable Smart vaccine transport for covid vaccine

- **Smart bus-stop**

Technical lead in building a low-cost, compact, and easy-to-install device to convert ordinary bus-stop to smart Bus-stop

- **Smart Borewell**

Build the world's first low-cost borewell accident prevention device with smart connectivity

- **Vehicle to Vehicle communication**

easy to install a device that helps in connecting multiple vehicles to communicate on the road and prevent accidents

- **Home Automation**

simple home automation with multiple appliances are interconnected to IoT and relay data back and forth

- **wireless Switch Board**

the wireless switchboard is a revolutionary technology in which the switchboard can be placed where ever you can without the hassle of completely wiring the switches to the mains connection

- **UPI based Sanitary pad vending machine**

Currently technically supporting UPI-based sanitary pad vending machine which is being built by juniors in my college

- **Electricity generation from waste water**

Technical Lead in Building a Prototype PoC of large-scale energy generation from wastewater output of fishers export company

Autopill



C. H. MOHAMMED KOYA
KMEA ENGINEERING COLLEGE
 Approved by AICTE Affiliated to MG University & KTU

Congratulations!

**TMA-MAKER VILLAGE
STARTUP AWARDS '21**


Second Position
Abdul Hafis
S7 EEE


Fifth Position
Sharan K S
S3 ECE









e-Yantra Robotics by IIT Bombay



KMEA ENGINEERING COLLEGE

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KMEA

eYantra
Engineering a better tomorrow

ROBOTICS LAB

Congratulations!!!

To be Certified as IIT-Bombay e-yantra Professionals



Abdul Hafis C.H
S6/EEE



Abhiram Murali
P S4/ME



Aameena A.K
S6/CSE



Denila Kuriyakose
S4/EIE



DivyaLakshmi.P
S4/ECE



Kashish A Shah
S6/CSE



Lamina Thasni
O Nysam
S6/CSE



Leo Paulose
S6/CSE



Maria Ashigha
S6/CSE



Nihala A Saleem
S6/EEE



Workshops

IEDC KMEA INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE **eYantra** KMEA Engineering College

Two Days 3D PRINTING WORKSHOP

MAY-19&20 2022

CAD Lab PSTA Block

Register Now: t.ly/niHC

Fee: 100₹

Lead by **ABDUL HAFIZ** CEO IEDC KMEA

Enquiry: 7560843084-Jishfaan, 9048289494-Fahaz

iedc.kmeacollege.ac.in

Gpay: 7592990568

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Edathala P.O. Ernakulam - 683561
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ARDUINO WORKSHOP FOR BEGINNERS

Venue : CCF Lab , Green block

08 DEC 09:00 AM

Limited seats : 30
Students and staffs can apply

ABDUL HAFIZ
S7 , EEE , CEO IEDC KMEA

SHARAN K S
S5 , ECE
Event manager IEDC KMEA

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eYantra Robotics Lab
Supported by e-Yantra Lab Setup Initiative (eLSI)-IIT Bombay

LIFE BEYOND THEORIES

- Tinkercad workshop
- IOT workshop
- MIT App Development

3 DAYS COMPLETE HAND-ON WORKSHOP

8,9,10 July 2021

FEE : 50/-

JOIN NOW

For 10th , 11th ,12th And BTECH

LAPTOP REQUIRED

google meet

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Presents TECHNO MEET 2022

A one day workshop for +2 students

- TALK ON INSPIRING YOUNG MIND: A STARTUP APPROACH
- 3D PRINTING WORKSHOP
- PROJECT EXHIBITION
- TALK ON PATHWAY TO A PROFESSIONAL LIFE
- ALUMNI TALK

20.08.2022
9:30AM-4:00PM

VENUE: KMEA ENGINEERING COLLEGE

QR for registration

E-CERTIFICATES WILL BE PROVIDED FOR THE PARTICIPANTS.