



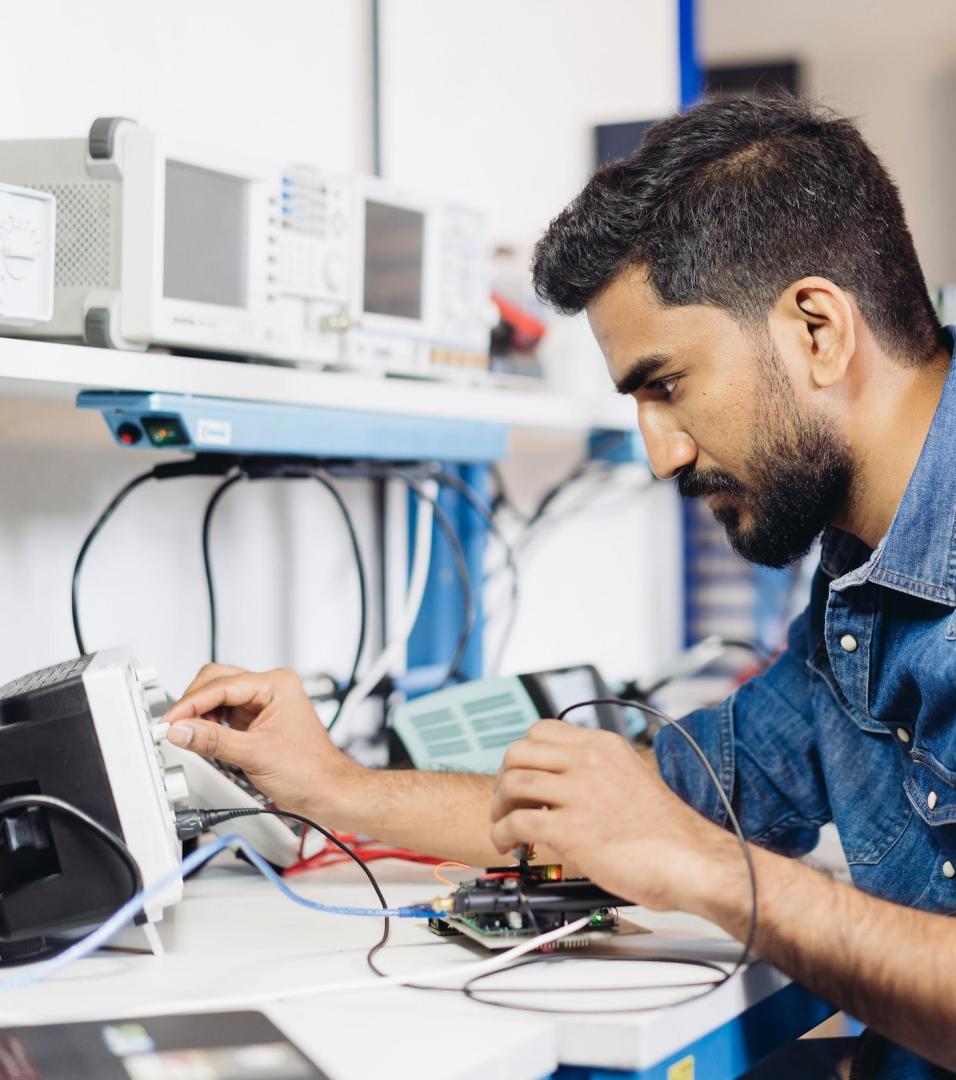
06.10.2023, Erode, India

**Kongu Engineering College**

**Empowering innovative ideas  
from Prototype to Production**

**Aravinth Panch**

araCreate | DreamSpace Careers | DreamSpace Academy



## Social & Tech Entrepreneur

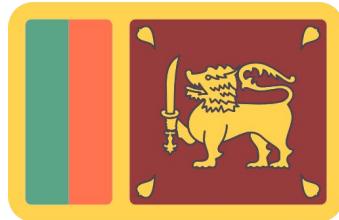
#Education #Innovation,  
#Entrepreneurship #Sustainability

As a **social entrepreneur**, empowering underserved communities in the Global South to tackle local socio-economic and environmental challenges through challenge-based learning, grassroots innovation and impact venture building.

As a **tech entrepreneur**, helping companies to realise their ideas from mind to market by providing 360° consulting services (engineering, manufacturing, media, business, legal & training) with team members in Germany, Sri Lanka and India.



# Work | Life



Visited 60+ countries



# Education | Research

Technische  
Universität  
Berlin



**SRM**  
UNIVERSITY  
(Under section 3 of UGC Act 1956)

**ARENA**  
MULTIMEDIA



**VELAMMAL**  
EDUCATIONAL TRUST  
driven by a thought

  
**DAI-Labor**

Distributed Artificial Intelligence Laboratory

**Telecommunication  
Networks Group TKN**

Telekom  
Innovation  
Laboratories  


[ **disi: aiti:** ]  
Daimler Center for  
Automotive Information Technology Innovations



# Experience



TATA CONSULTANCY SERVICES



Nokia Siemens  
Networks



smar<sup>b</sup>



Co-Founded 20+ companies, Worked with 200+ companies

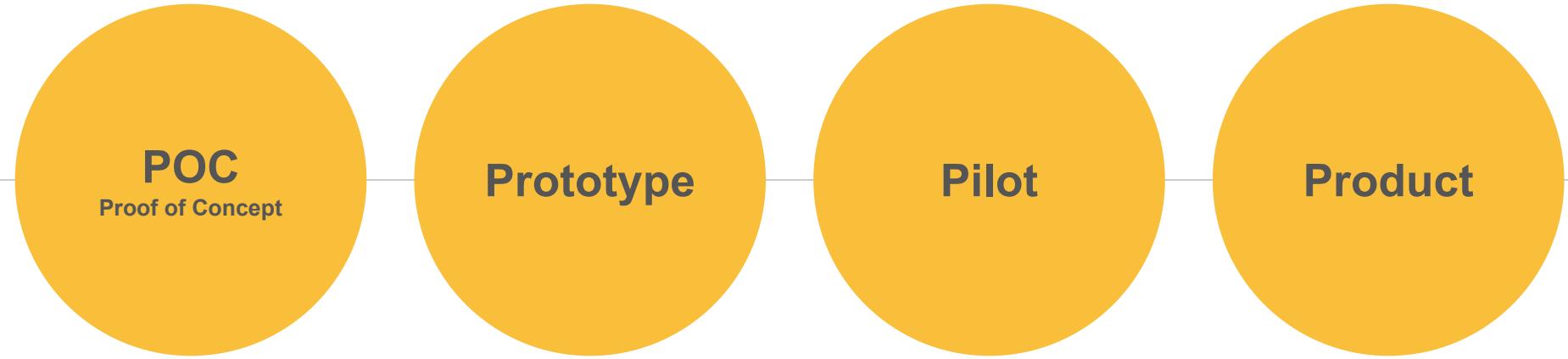
*Ideas are cheap !*

**Execution matters !!**

“



# Lifecycle of Innovation

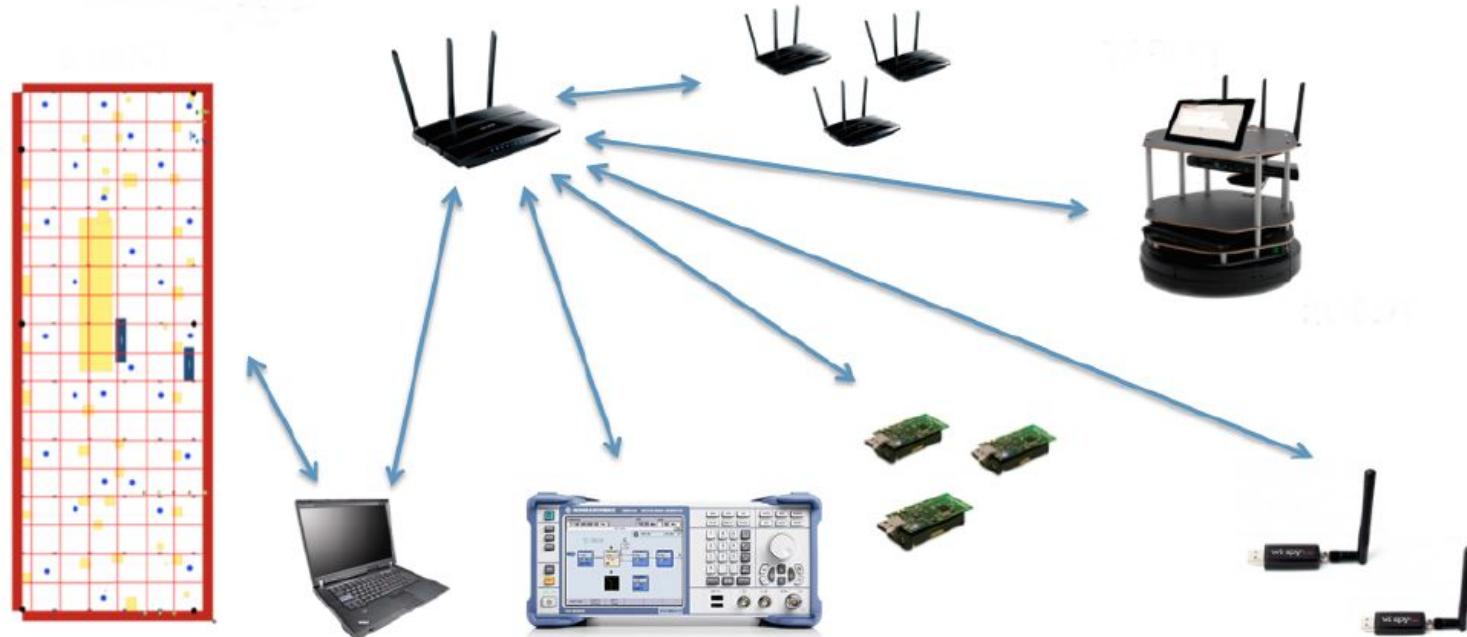


# Innovations & Enterprises Around The World

A yellow circle containing two black double quotes (" ") is positioned at the bottom center of the slide, connected by a thin vertical line to the bottom edge.



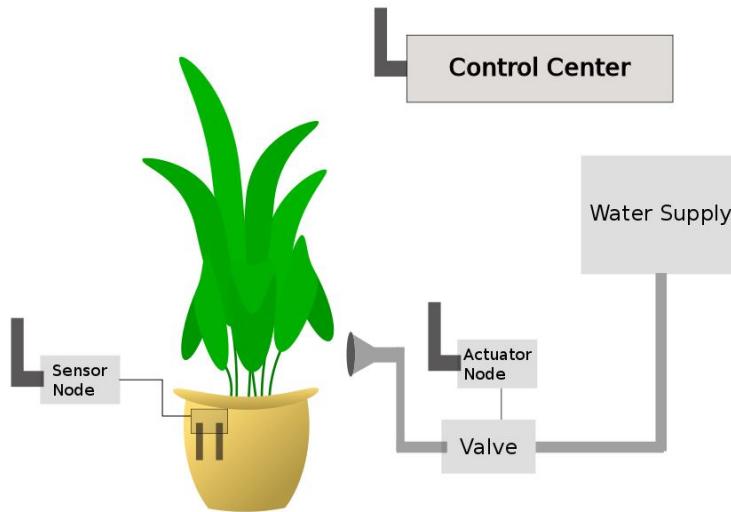
# Research : Indoor Localisation





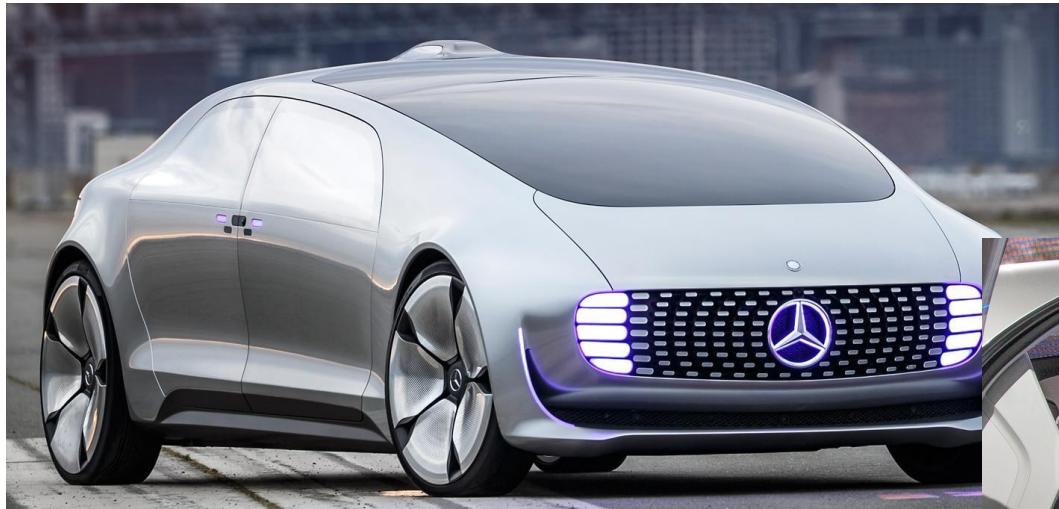
# Research : Smart Greenhouse

## Smart Green House





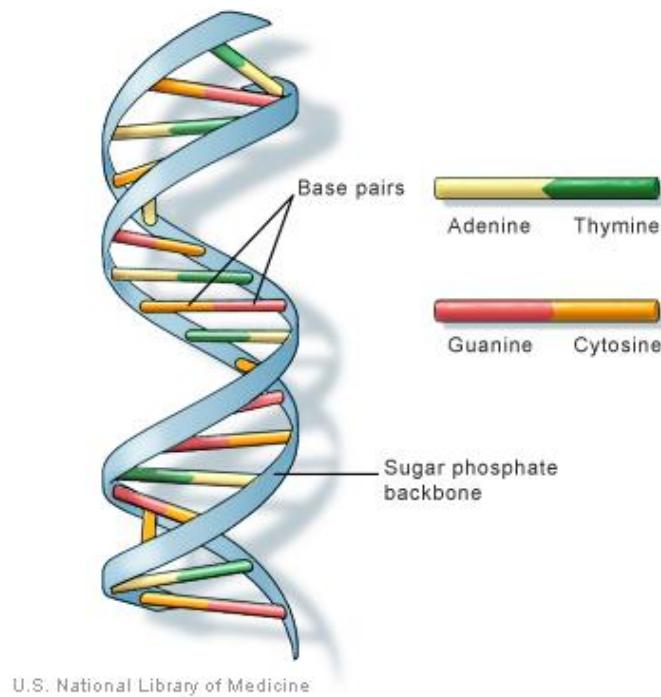
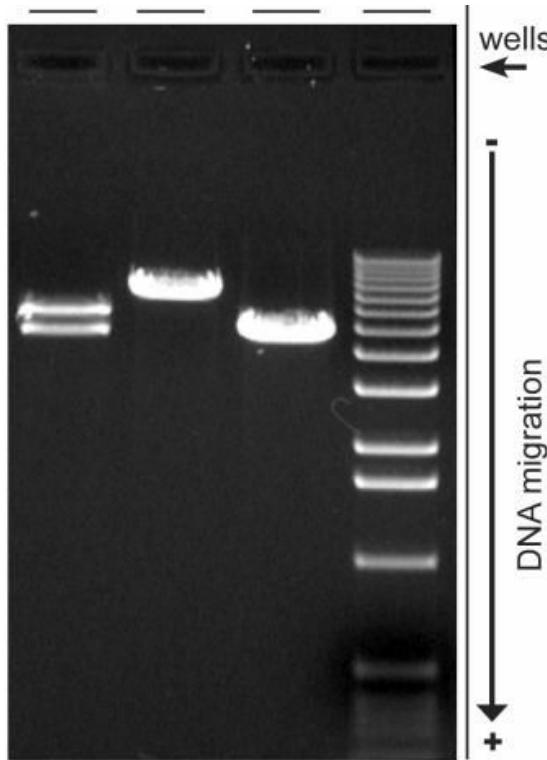
# Research : Autonomous Mercedes



[ disi: aiti: ]  
Daimler Center for  
Automotive Information Technology Innovations

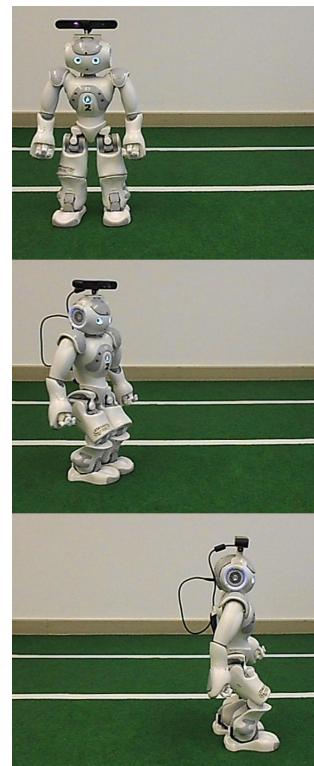
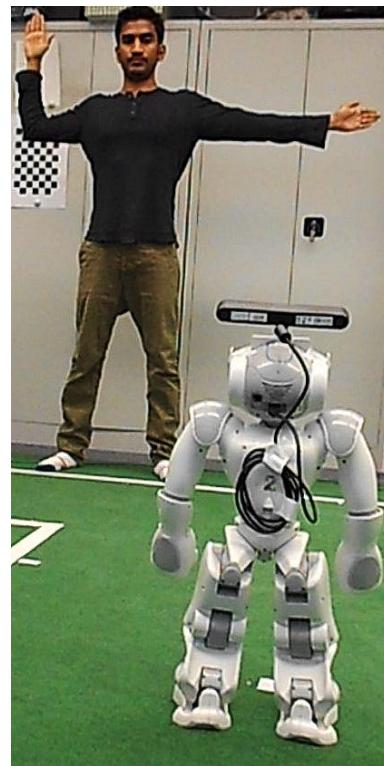
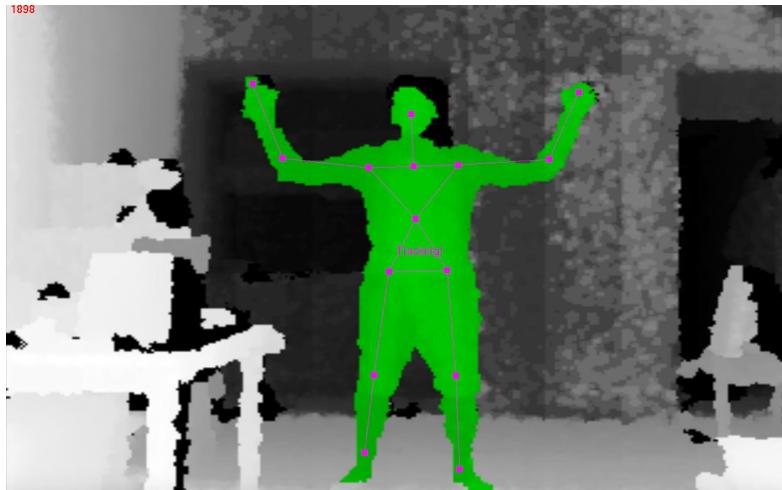


# Research : DNA Biometrics



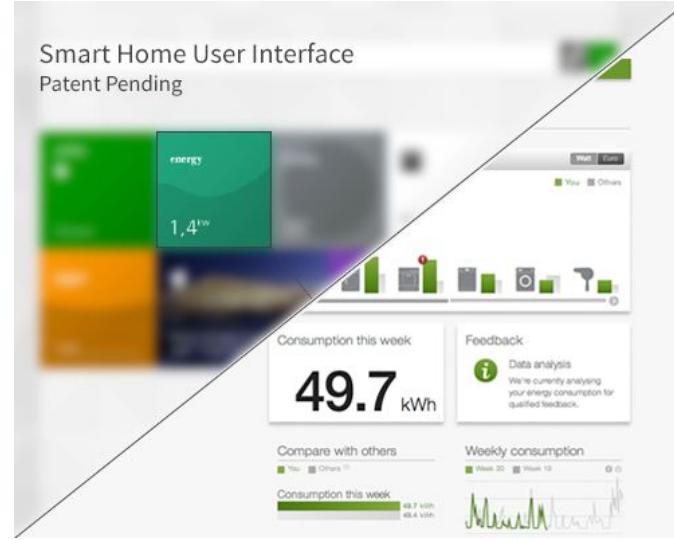


# Research : Human-Robot Interaction



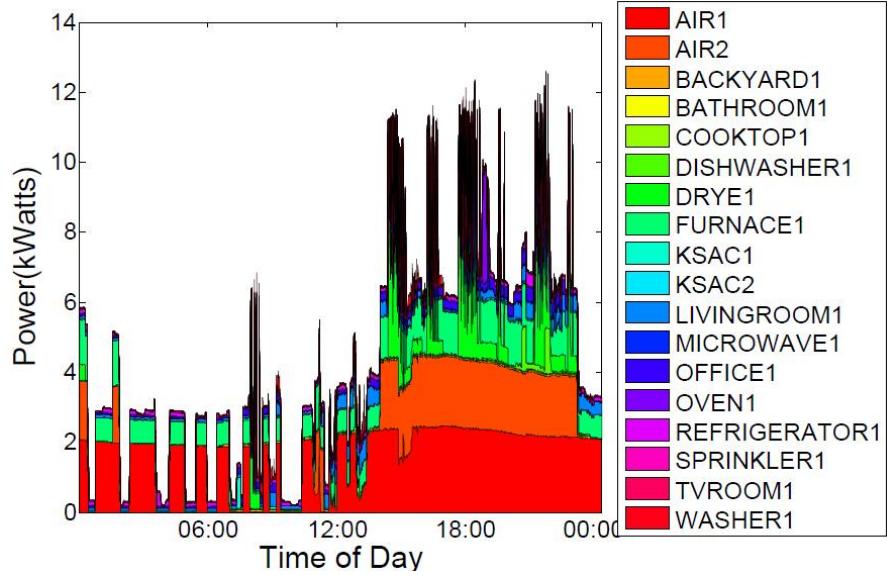


# Product : Smart Home Gateway





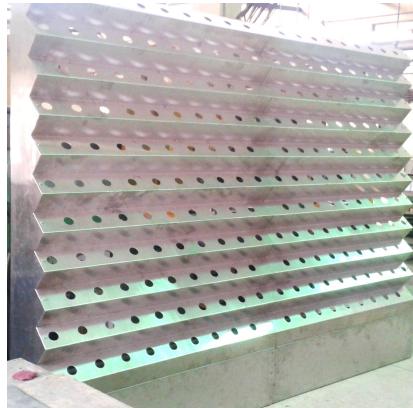
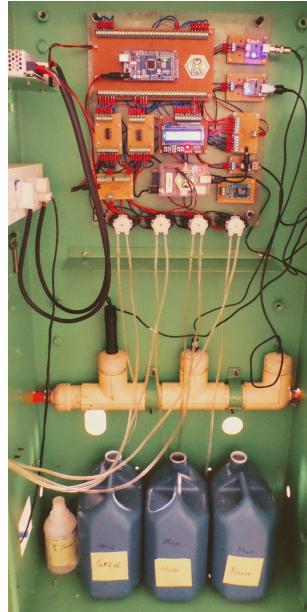
# Product : Nonintrusive Load Monitoring



smar<sup>3</sup>



# Product : Alternative Farming





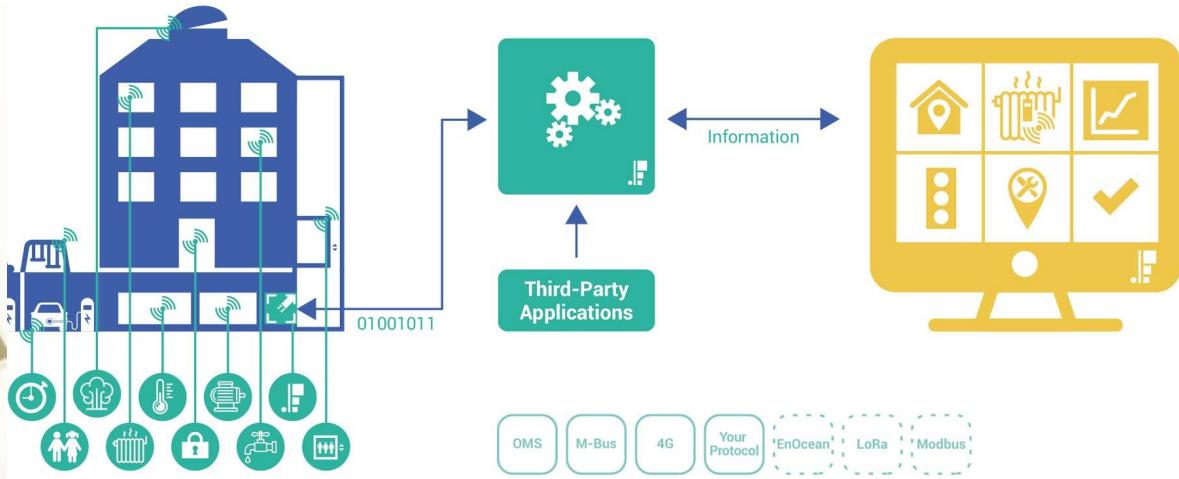
# Product : Natural User Interface



SE\IC

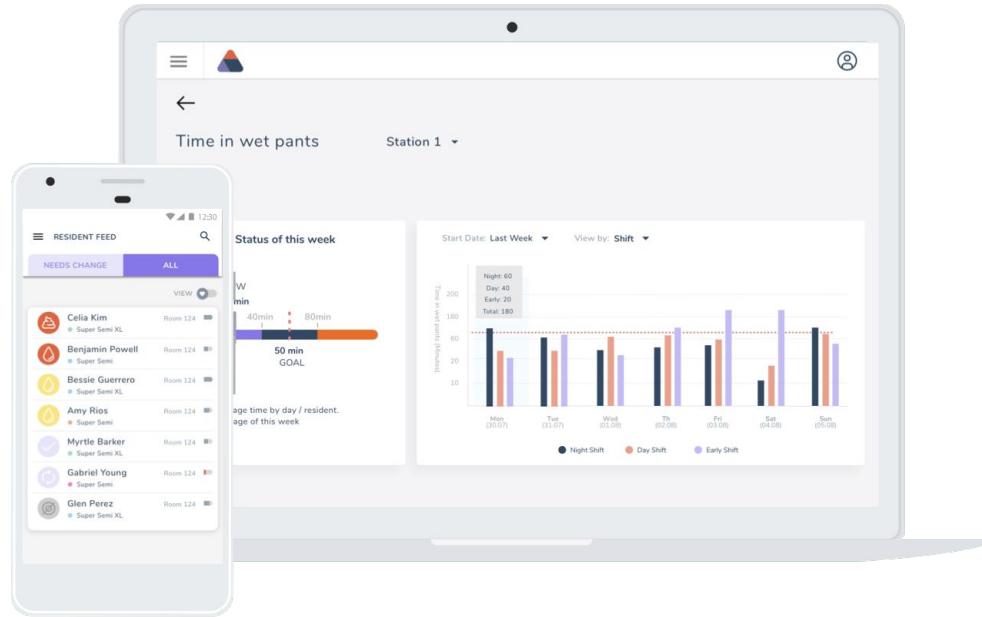


# Product : Smart Metering Gateway





# Product : Smart Diaper



ASSISTME



# Product : Soft Exoskeleton

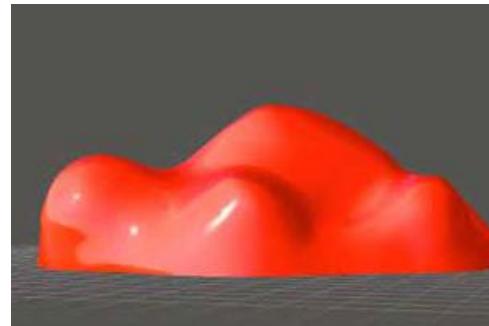


## MotorSkins

Source : <http://www.motorskins.com>

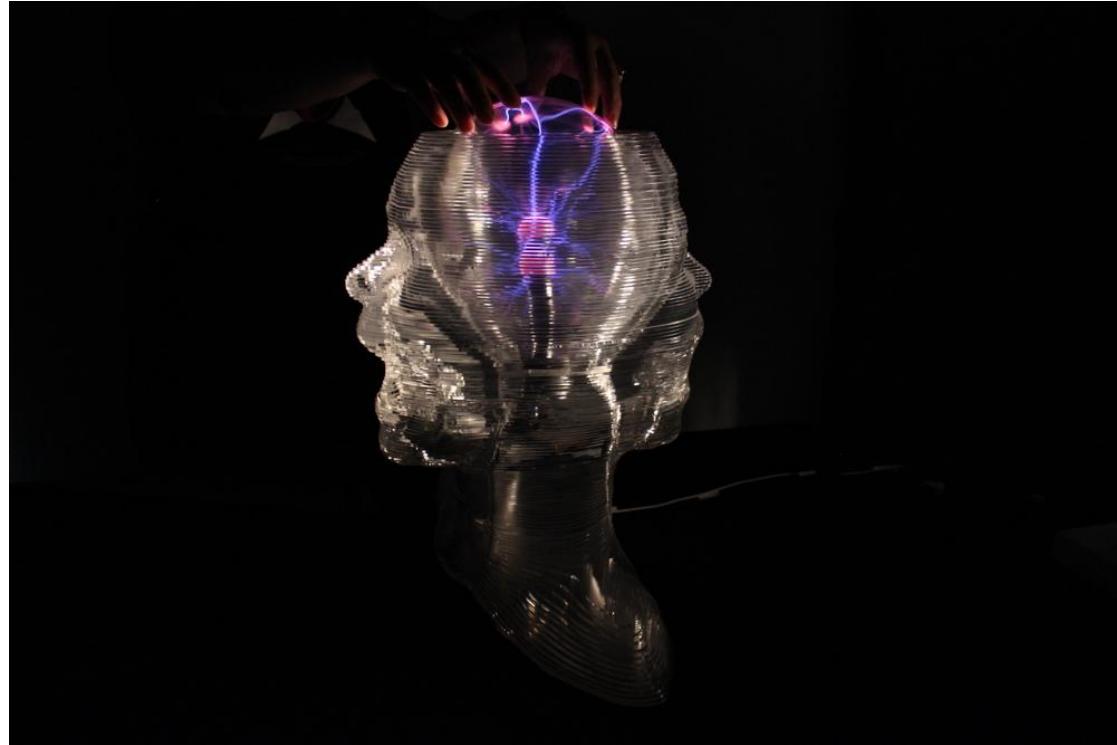


# Art : Heart Of The City



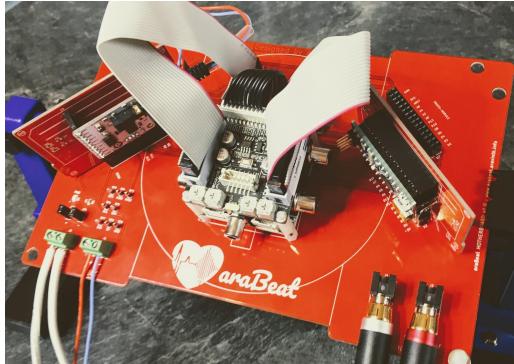
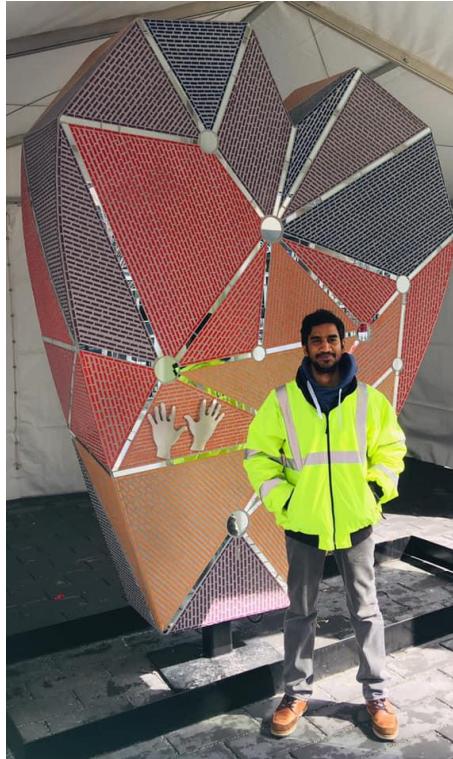


# Art : Confusion



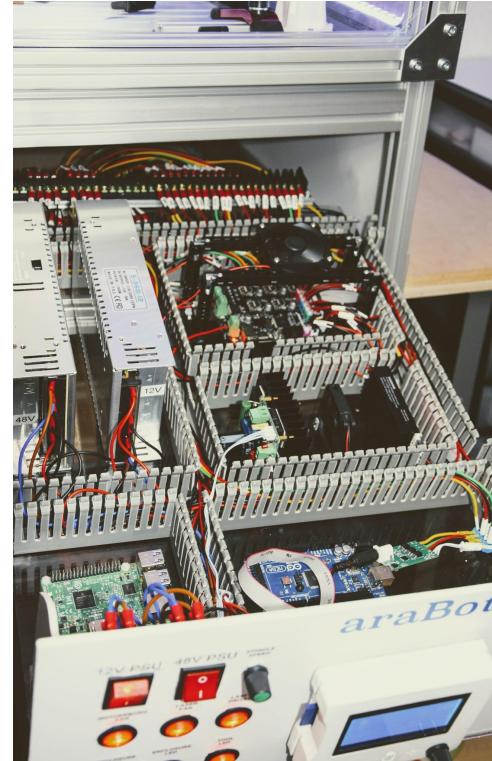


# Art : araBeat



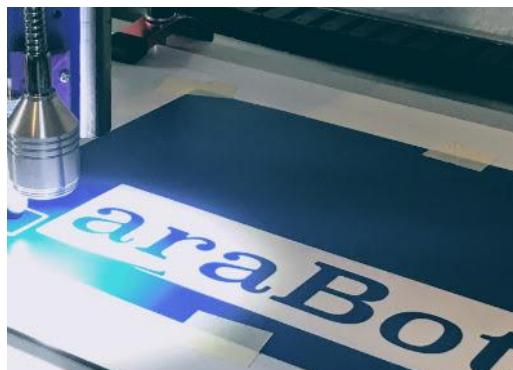


# Project : araBot





# Project : araBot





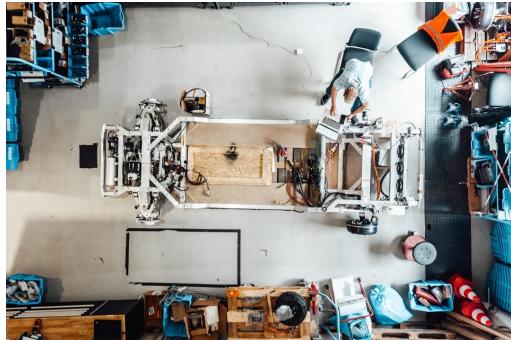
# Organisation : MotionLab Berlin



Source : <http://motionlab.berlin>, <https://open.hpi.de/courses/prototype2019/items/2WKmMSFCy9uTwZsOafI9im>



# Organisation : MotionLab Berlin





# Organisation : DreamSpace Careers



***There is no success  
formula, but best  
practices !***

“

# Scientific *Methodologies !*

“

*Measure ! Optimize !*

*Iterate !*

“

*Network is the*  
*Net **worth***



“



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“Kongu Engineering College 06.10.2023”



Thank You