



### Model Name: PURA

Plasma mobile Application  
Anti-infection in a COVID-19

#### Cold Plasme\_ Antibiotic treatment material

- Sterilization by ionization system
- Friendly all type of surfaces
- Low Energy
- Safe ( Medical treatment mechanism)
- No residue

#### Zirconia (mineral baddeleyite) \_ Device body material

- white crystalline oxide of zirconium
- Bio material:Naturally occuring form

#### Wireless Charger

Size: 35(W) \* 35(D)\*170(H) [Unit:mm]

Weight: 120g



## Master's Thesis

Title: Plasma Sterilization System (PURA)

Safe Daily Life Plasma Self-Application

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SAPIENZA  
UNIVERSITÀ DI ROMA

PURA  
Plasma Sterilization System



# MSc in PRODUCT DESIGN \_ a.y 2018 / 2020

• Summarise of main course of Product Design Studio Programme •



## Product Design Studio I \_ Product presentation

Subject: Design Memory | Souvenir Design XII Rione di Ripa  
Product name: Aventine Hill Keyhole

Presented by Modelling, Rendering, Technical drawing, Package, Poster, Brochure and Video  
Sintering 3D Print process, Laser-cut plexiglass for cover and decoration for brand mark



## Product Design Studio II \_ Mechanical tests models and prototypes

Collaboration with material company ABET LAMINATI [workshop]

Product: Adjustable & Assemble compact table for DJ

Presented by Modelling, Rendering, Prototype, Mechanic tests and Booklet

Material: Aluminium Honeycomb Sandwich Panel by ABET LAMINATI



## Product Design Studio III \_ Internet Of Things

Subject: Celerbrate for 100 Years of Bauhaus '2019' product application I.O.T  
Product: Children Game by Alma Siedoff Busher

Past's Bauhaus design product representation through the today's technology (with Arduino) apply on IOT system for autism disorder children. The idea by interview with who was the worked in pediatrics for children special disorder. Presented by Prototype with different texture of surface materials for learning the autism disorder could adopt various type of sense.

## Product Design Studio IV \_ Services and social innovation

Subject: Mobility \_Service & Social innovation

Service system: EMO\_ Electric Mobility system in Sapienza University Users

User Experience (UX) design methodology, started from observation user with interview build the persona through users, drawing design proposal by Functionality, Usability, Morphology and Storyboard.



## Product Design StudioV \_ Technologies of innovative materials Design of innovative materials [workshop]

Subject: Design organic waste to bio material

Product: Coffee Shoe Box | 3D\_ printed & Laser-cut by Lab-S.D.F

Considering on Italian ordinary life as a 'cafe lover' choose the Coffee Ground as the organic waste. Also, the material has features that mitigate odor that is applied in a shoebox with the decorative role. The biomaterial workshop program helps to understand the process well based on the SDG mission.

