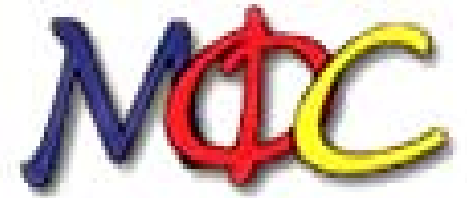




Универзитет Св. “Кирил и Методиј”
Машински факултет – Скопје



Одбрани проекти по предметот:

ПРОИЗВОДИ ОД ПЛАСТИКА

Учебна година:
2016-2017

Предметен наставник: Доц. д-р. Иле Мирчески

Проект бр. 1:
ИЗРАБОТКА НА КАЛАПНО ГНЕЗДО

CORE & CAVITY DESIGN

Plastic Injection Molding



CORE AND CAVITY DESIGN



TELEPHONE HANDSET



HAIR DRYER HANDLE



CORE & CAVITY DESIGN

FOR INJECTION MOULDING DIE



"Ss. Cyril and Methodius" University
Faculty of Mechanical Engineering
Industrial Design, Ergonomics and Applications Lab



Student: Mihail Gjurchinovski
Hristina Dimitrovska
Course: Design with Plastics
Leader: Doc. Dr. Ilie Mircheski
School Year: 2016/2017

MOLD DESIGN



Telephone Handle
(front part)



Hair Dryer
(rear part)



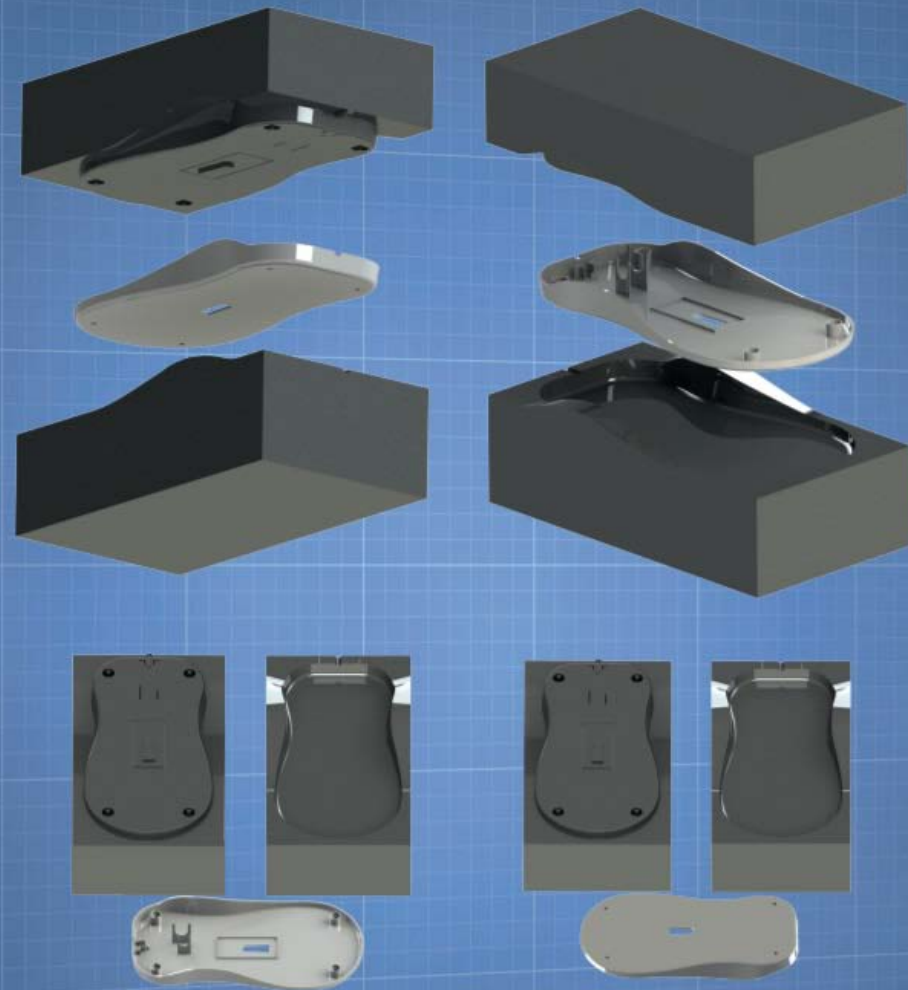
Toy
(rear part)



"St. Cyril and Methodius" University
Faculty of Mechanical Engineering
Industrial Design, Ergonomics and Application Lab

Student: Vladimir Apostolovski;
Daniel Mitev;
Irena Trajchevska
Course: Design with Plastics
Leader: Prof. Dr. Ilie Mirceski
School Year: 2016/2017

PLASTIC MOLD



Проект бр. 2:
Дизајн на мал апарат за домаќинството

Granum Vellere

Seed Remover

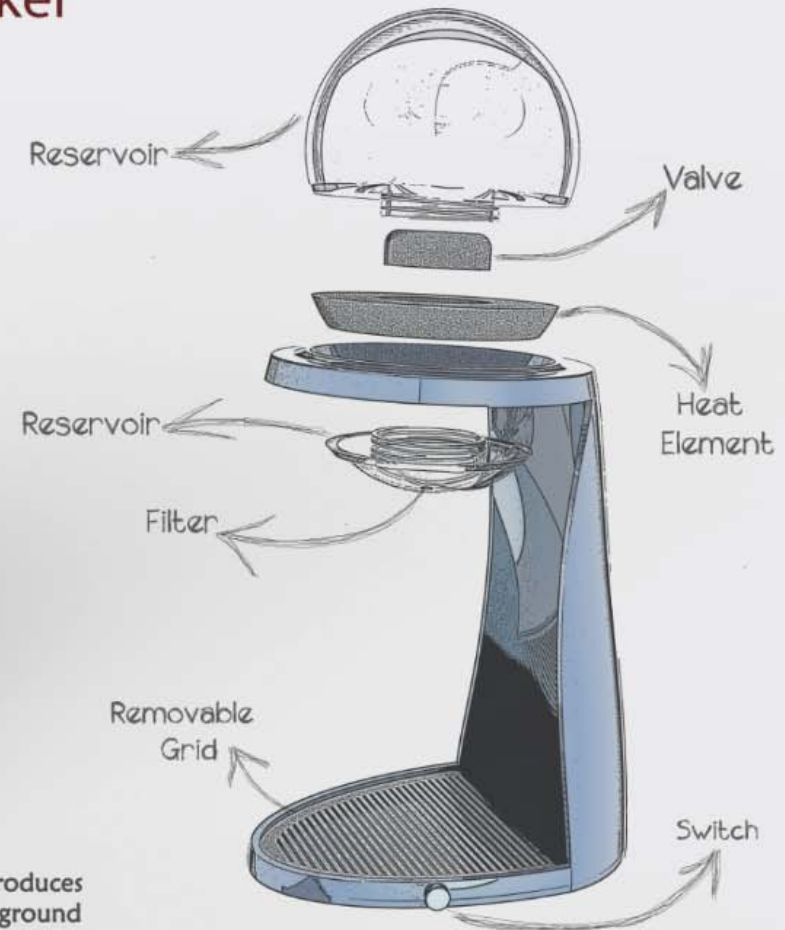


The Granum Vellere allows for quick and easy seed extraction of cherries, plums and other smaller single-seed fruits



Ribess

Coffee & Tea Maker



Simple coffee and tea maker. It produces a good cup of drink by adding a ground coffee or any kind of tea into the reservoir. Easy to use and store. Just turn it on and let it do it's magic.



XAVIER

LUXURY YOU CAN'T AFFORD TO MISS



XAVIER ALLOWS THE USERS TO
ADJUST THE INTENSITY
OF THE VIBRATIONS



XAVIER WITH ITS STRIKING MIX OF
INDUSTRIAL AND ELEGANT
DESIGNS ALLOWS THE USERS
TO ENJOY THEIR LIVES



MASSAGE IS NOT JUST A LUXURY,
IT'S A WAY TO A HEALTHIER,
HAPPIER LIFE





Nitro ROUTER

powerful smart router + fm radio
modern design with curved surfaces



+



radio



fm radio



better
performance



USB 3.0



larger wi-fi
signal



display



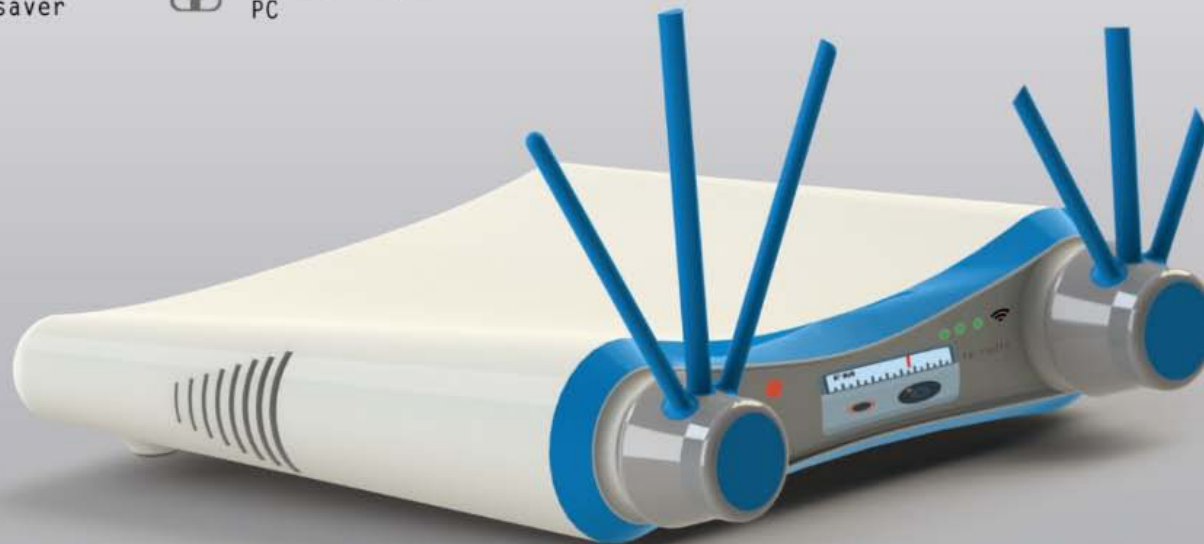
easy to
use





power
saver



connecting to
PC



controler

on / off 
volume up / down 



Automatic Pet Feeder



- designed to keep your pets fed at all times
- programmable for up to six portions
- dishwasher friendly
- operated through any mobile device or computer through WiFi or Ethernet cable



VIRTURE

VR HEADSET



ENTER THE IN- GAME ENVIRONMENT
AND EXPERIENCE THE VIRTUAL WORLD FAIRLY EASILY.
FEEL REAL IN A SIMULATED WORLD.



compost

Composting is a fundamental element in producing natural gardening and food production, it involves the breakdown of organic waste via the joint action of worms and microorganisms into natural fertilizer.

The composting box is constructed of ABS plastic and is intended for households that are taking care of the organic waste and the food circle in general. It's sustainable design in meantime allows you to use the box in the kitchen as a cutting board.



Maku

Spice holder &
dispenser

Spice holder with **nine** slots.
Dispenses in nine different quantities.



"Ss. Cyril and Methodius" University
Faculty of Mechanical Engineering
Industrial Design, Ergonomics and Applications Lab



Skopje 2016



Student: Marko Jankovski
Course: Design with Plastics
Leader: Doc. Ilie Mircheski
School Year: 2016/2017

Lenin

The ice cube maker

A new way of making your drink cooler.
Get your ice in seconds, meaning no
more forgetting to pick up ice for
parties or special occasions.

Ice machine is perfect for kitchens
RVs, bars, game rooms and more.



"Ss. Cyril and Methodius" University
Faculty of Mechanical Engineering
Industrial Design, Ergonomics and Applications Lab



Student: Nade Andova
Course: Design with Plastics
Leader: Prof. Ilie Mircheski
School Year: 2016/2017

purify

portable air purifier

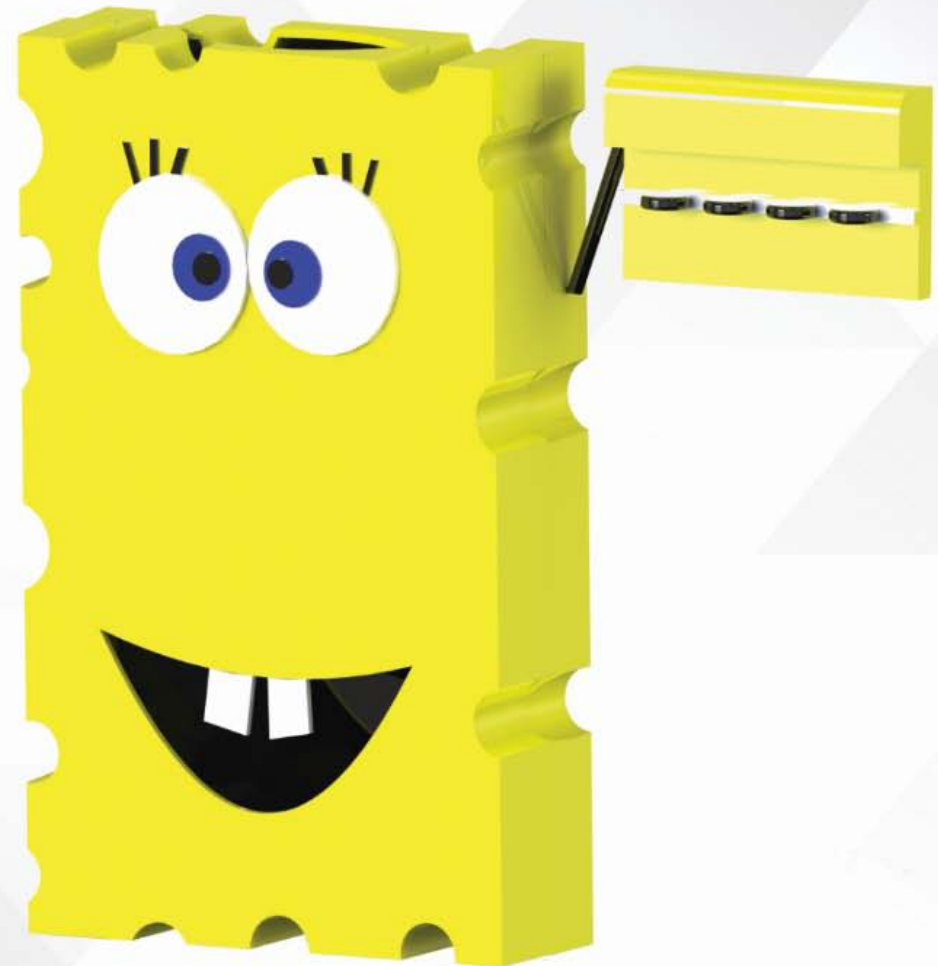
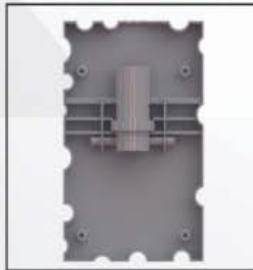
Portable air purifier suitable for your room, office, car or backpack side pockets. It purifies the air and efficiently removes dust, bacteria, odor and smoke. The small size (80mm diameter) makes it easy to carry when traveling, and its rechargeable battery provides long-term reliability. Easy to use, by just pressing the button on the back, that glows when the device is turned on. The glow color varies from blue to red according to the air quality nearby - blue for clean and red for polluted air.



SPONGY

A gadget your kids must have

- Cute Sponge Bob design wash set including toothbrush holder and automatic toothpaste dispenser
- Can dispense the same amount of toothpaste and can hold four toothbrushes
- The upside down cup dry fast and it's totally hands - free, clean and tidy.



Hand vacuum cleaner

This hand vacuum cleaner is designed for household uses. It is used for cleaning small particles and materials. It is ergonomic and its use is practical.



IC - hand vacuum cleaner



Modern look
Simple and fast cleaning



Ergonomic handle
Simple maintenance

COOLMASTER

Plastic jug for wine cooling

- CHANGE TEMPERATURE FROM YOUR PHONE
- BLUETOOTH TECHNOLOGY
- IOS AND ANDROID APP
- WIRELESS CHARGING
- EASY TO MAINTAIN
- MULTIPLE COLORS
- UNIQUE DESIGN
- SIMPLE USE



DiSoap automatic soap dispenser



INTELLIGENT PROGRAMMABLE PET FEEDER



PET FEEDER IS PROGRAMMABLE INTELEGENT DEVICE
THAT FEED YOUR DOG EX. EVERY THREE HOURS, AND
MAKES A 🎵 🎵 TO SHOW TO THE DOG THAT THE
LUNCH IS READY.

MIST ULTRASONIC DIFFUSER

This Mist Ultrasonic Diffuser is designed to make enjoy wonderful aromas throughout your home.
Minimal, organic and functional aesthetic.

