Универзитет Св. "Кирил и Методиј " Машински факултет - Скопје



Одбрани проекти по предметот : **КОНСТРУИРАЊЕ СО ПОМОШ НА КОМПЈУТЕР**

Летен семестар 2014/2015

Професор: Доц. д-р Иле Мирчески Демонстратор: Ангелина Јорданоска













FUTURISTIC PARK BENCH_

A NEW, INNOVATIVE AND OPEN-MINDED APPROACH TO DESIGNING PARK BENCHES



 Gaps are made so users can intuitively explore the design and find the spot which is most suiting for them and their style of sitting. Couples can make a great use of this too.



 The seats are made out of ABS plastic, thus bypassing the problems of them warming up to extreme temperatures during the summer, or staying freezing cold in winter



 Chrome-plated steel brings up the idea of a futuristic and clean theme and also brightens things up.

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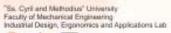


















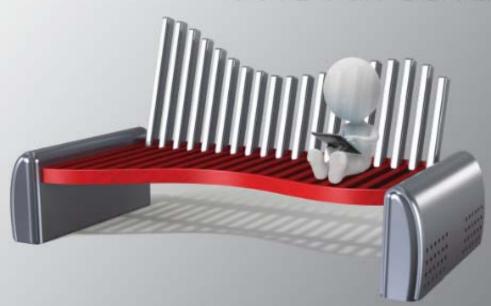


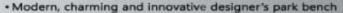




VERTEBRA

OUTDOOR BENCH





- · Inspired by the curves of the human spine
- The movable vertebrae give a unique experience allowing you to create a bench-shape of your own desire
- · Made of oak and aluminum, 'Vertebra' is amazingly comfortable and long lasting
- · Ideal for people who enjoy tranquil outdoor environments







Student: Anastasija Cikarska Course: Computer-Aided Design Leader: Docent dr. lle Mircevski School Year: 2014/2015

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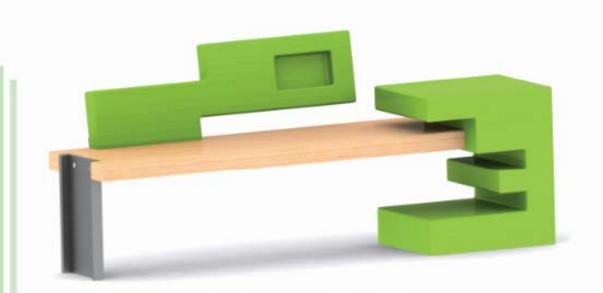






ECO BENCH

MODERN BENCH



One of the most inovative benches in the world.

The discovery of the 22 century.





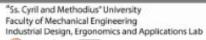


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Student: Tamara Baldazarova Course: Design with Plastics Leader: Prof. Dr. Ile Mirceski School Year: 2014/2015









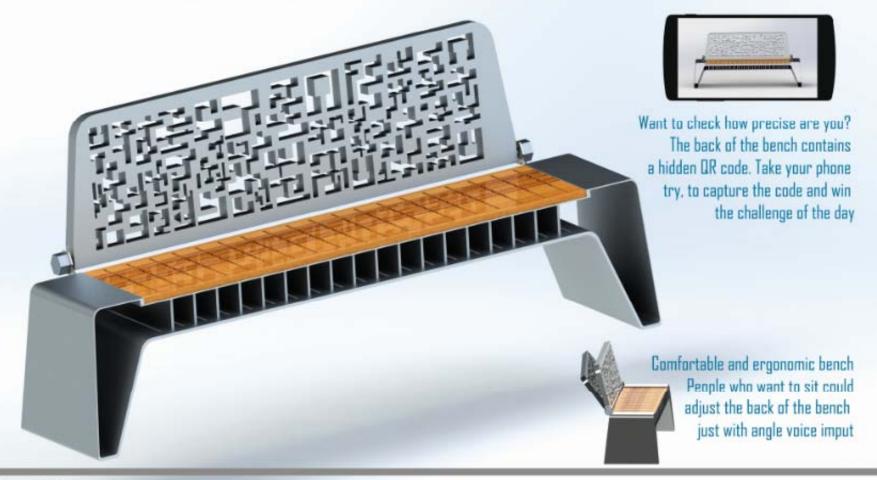


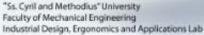


Student: Antonio Anchevski Course: Computer Aided Design Leader: Doc. Dr. Ile Mircheski School year: 2014/2015

THE CHALLENGE BENCH

Sophisticated park bench offering a challenge



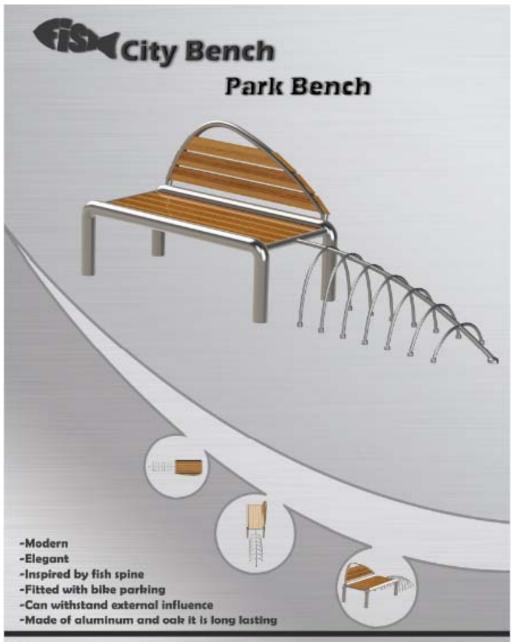
















Student: Jovan Molkoski Course: Computer-Aided Design Leader: Doc. Dr. Ile Miroevski School Year: 2014/2015

The Fibonacci bench

Inspired by the past as a gift to the future





The Fibonacci bench is following the trail of a spiral shape as a simple design with purpose to gather up to 10 people It's best feature is the the lowering curve making it suitable for people of all ages.



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THE ELLIPSE BENCH

FUTURISTIC PARK BENCH CONCEPT



INSPIRED BY THE ELLIPSE, A SHAPE PREDOMINANT
IN A NUMBER OF REIMAGININGS OF THE FUTURE
THE ELLIPSE BENCH STRIVES FOR
A SIMPLE, UNOBTRUSIVE AND TIMELESS DESIGN,
fITTING SEAMLEASSLY INTO ANY ENVIRONMENT

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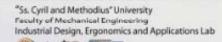




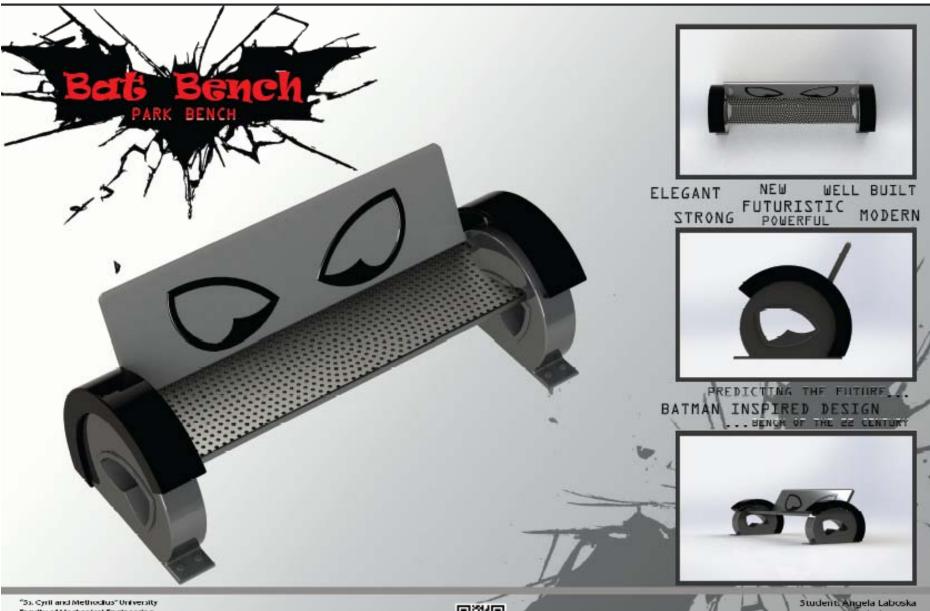


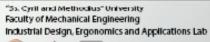
Student: Milosh Sokolikj Course: Computer Aided Design Leader: Doc. Dr. Ile Mircheski School Year: 2014/2015

FUTURISTIC PARKBENCH TWO SIDED BENCH SIMPLE BENCH DESIGN COMFORTABLE SOCIABLE TWO SIDED DESIGN

















Student: Angela Laboska Course: Computer-Aided Design Leader: Doc. Dr. lle Mircheski School Year: 2014/2015

RUBIK'S BENCH

Futuristic, comfortable bench



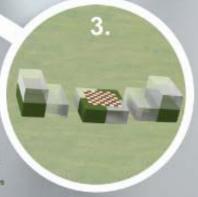


Modern Waterproof Adaptive



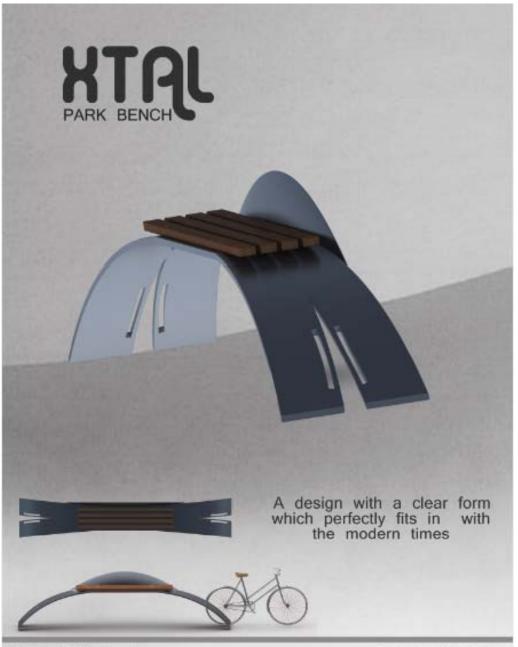
We merge the cube blocks the same way like a Lego's cubes. With that merge we gain big atability and statically. From cube blocks we can make three different benches:

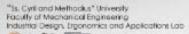
- Normal Bench
 Resting Bench Where you can stretch out your legs.
- stretch out your legs.
 3. Club Bench Two small benches and table.





Student: Ivana Gjorgoska Course: KPK Leader: Prof. Doc. Dr. Ile Mircheski School Yeer: 2014/2015



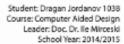












Future comfort elegant outdoor bench

 Comfortable bench perfect for any kind of elegant and modern outdoor designs.

 The perfect combination of metal and wood gives a warm and strict effect all at once.





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Student: Simona Gjosheva Course: Computer-Aided Design Leader: Doc. Dr. Ile Mircheski School year: 2014/2015

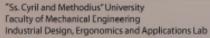
Modern city bench

This bench is designed for big metropolises. Where people can take rest, and enjoy in their design. The banch is very comfortable.

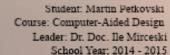












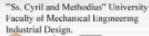










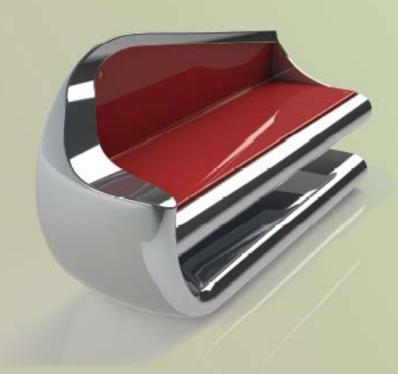




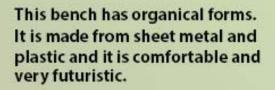


SNAPY

bench for 22th century













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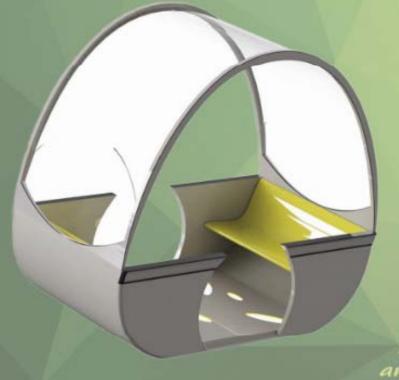
















A comfort place to relax and have a view of the outdoor

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Student: Teodora Ateska 685 Course: Computer aided design Leader: Prof. Dr. Ile Mircheski School Year: 2014/2015

New and modern design for a park bench.



Sleek and eye catching design that fits all surroundings.



sitting position.



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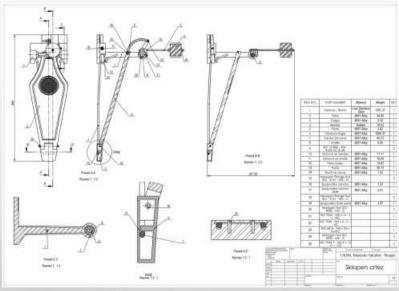


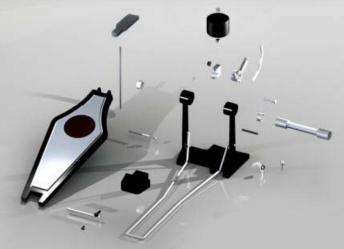
Student: Filip Dimitriev Course: Computer Aided Design Leader: Doc. Dr. Ile Mircheski School Year: 2014/2015

BASS DRUM PEDAL

- *modern design
- *minimum friction
- *ultimate control

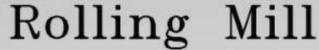
*adjustable













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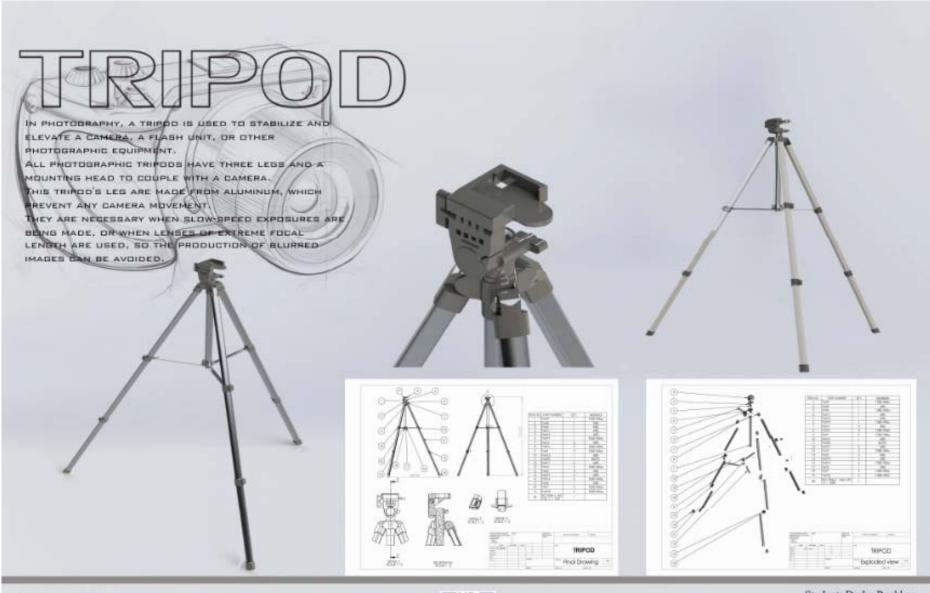








Student: Nikola Muchev Course: Computer Aided Design Leader: Doc. Dr. Ile Mircheski School Year: 2014/2015



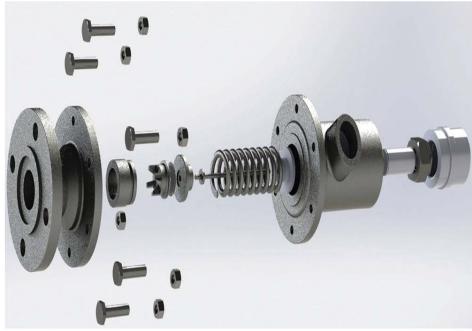




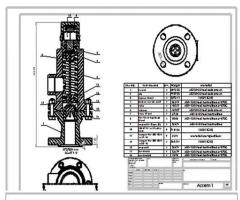
Student: Darko Roshkov Course: Computer Aided Design Leader: Doc. Dr. Ile Mircheski School Year: 2014/2015

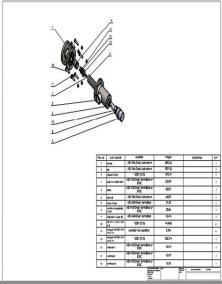
Valve for cistern with chlorine





This is a device that regulates, directs or controls the flow of a fluid, in this case water with chlorine. It has spring for spring-loading, to normally shift the disc into some position by default but allow control to reposition the disc.







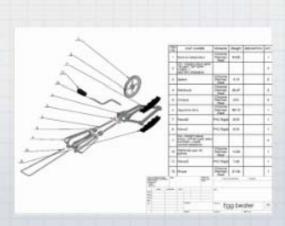


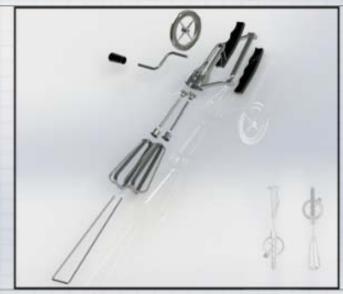


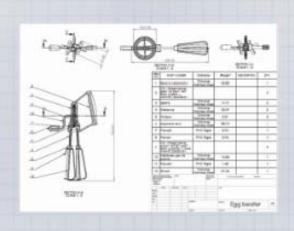


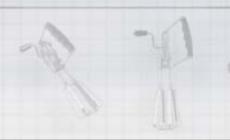
EGG BEATER

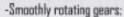
- vintage style -











- -Stainless steel with plastic hanles:
- -Beaters are evelated and continue to work while device rests on bottom of bowl:
- -This hand mixer is still perfectly useful in any kitchen:
- -Much quicker that pulling out your electric beaters for small jobs like beating eggs or pancakes.

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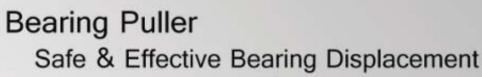








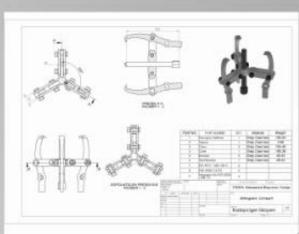
Student: Aleksandar Atanasov Course: Computer Aided Design Leader: Doc. Dr. Ile Mircevski School year: 2014/2015



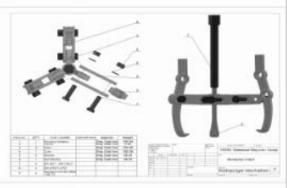


The bearing puller allows for the removal of latitudinal components for maintenance, repair, and replacement.

Two clamp settings and a long threaded screw base allow for flexibility in the bearing puller's capabilities







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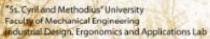








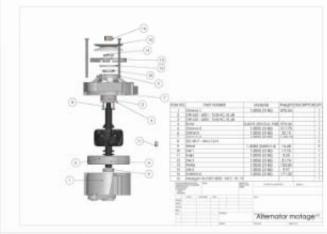


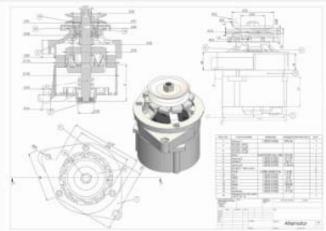






Alternator





An alternator is an electrical generator that converts mechanical energy to electrical energy in the form of alternating current. This one is from Yugoslavian car Zastava 101.



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Ice Cream scoop















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Bronze ball valves for use in commercial and light industrial applications. Typical services include; hot and cold domestic water, HVAC, low pressure steam, compressed air, LP gas, natural gas.

