**INDUSTRIAL DESIGN ENGINEERING**

**Thesis topic suggestions**

The topic proposals of the thesis must meet the training and output requirements of the program as well they must be related to the given specialization or specialization.

**The topic of the thesis can be:**

a) Of external origin. In this case, an external institution/company or specialist will suggest a for the task to be solved in the dissertation/diploma thesis (for the student developing the task, or for the external consultant). Current domestic and international application.

b) The student may also suggest a topic.

c) Of university (internal) origin. At this point, an instructor at the institute has an industrial background and individual professionalism based on his / her interests, he/she proposes the task to be solved, as well as the internal consulting tasks, are undertaken.

**The topic suggestions of the dissertation of the Institute of Product Design in each specialization:**

**Interior Design and Textile Specialization (BSc E)**

**Product Design, Textile and Interior Module (BSc3)**

1. Interior design of individual / community spaces

2. Exhibition spaces and installations

3. Interior design in selected topics

4. Textile furniture in the interior

5. Special storage/storage systems

6. Pattern design for a given interior (scale-space - ratio)

7. Eco approach in interior design (Reuse - recycling - redesign)

8. Application of new technologies in pattern and textile design

9. Graphic representation of signs and signal systems on textiles, wallpaper, and other coverings

10. Tradition and high-tech

11. Reinterpretation of folk motifs

12. Home textile collection

13. Event - image design (conference, wedding, ball, etc.)

14. Room dividers made of textile and alternative materials

15. Different aspects of the application of technical textiles

16. Interior design for special life situations

17. Special technical function in the interior

18. Application of ergonomic guidelines in interior design

19. Custom-designed panel-mounted furniture in the apartment

**Costume Design and Accessories Specialization (BSc E)**

**Product Design, Clothing and Accessories Module (BSc3)**

1. Uniform

2. Style collection

3. Collection for a unique piece

4. Stage costumes (bands, choirs, performing actors, etc.)

5. Special costumes (dance, special occasions, etc.)

6. Children's clothing

7. Use of intelligent materials in design

8. Areas of application for clothing electronics (LilyPad)

9. Development of interactive clothing

10. Nightwear and beachwear

11. Special sportswear

12. Leisure clothing

13. Work and protective clothing

14. Eco-conscious design, recycling

15. Reinterpreting folk motifs in clothing design

16. Tradition and high-tech

17. Clothing and accessories for people in special life situations

18. Leather clothing accessories

19. Bag collection (for various functions)

20. Small collection of leather, textile, etc.

21. Women's / men's shoe collection

22. Leather clothing

23. Reinterpretation of traditional leather decorative techniques in a given collection

**Packaging Design Specialization (BSc E)**

**Product Design, Packaging Module (BSc3)**

1. Design of injection molded products from PLA

2. Design of mesh packaging for new product groups

3. Replacement of secondary packaging with multi-way commercial storage elements

4. Design of shelf-ready packaging for aluseal canned food

5. Practical putting together and offering to package of “mug” soup powders

6. Ergonomic design of large plastic packaging

7. Designing attractive jewelry packaging

8. Display of corporate identity elements on corporate gift wrapping

9. Design of serving rack (for different products)

10. New product development

11. Redesign of an existing product, product development

12. Packaging design to fit an existing image

13. Own branded food packaging

14. Paper-based packaging

15. Packaging and graphic design for advertising purposes

16. Product line image design

17. E-Commerce Packaging

18. Toy packaging