

Guidelines for Final submission

Final proposal

- **Final report** documenting all important decisions.
- **Final prototype** simulating most of the functions and materials
- **An infomercial** (maximum 100 seconds) explaining the final product concept
- **A pamphlet** to explain product features - to be submitted as soft copy + printed on A4

Notes

All the tasks should be well **planned**, well **delegated**; all team-mates should be taking responsibility.

Finish most of the **prototype first**, so that photographs can be included in the presentation and pamphlet.

The projects will be extremely fulfilling when finished and presented well; let's reach the **finishing line** with full energy.

Final submission (DIP project)

Deliverable	Description	Marks
Final report	Document milestones + decision-making process	5
Final prototype	Simulating most of the functions and materials	8
Final concept	No separate submission	10
An infomercial	Maximum 100 second video explaining the product and its features	4
A pamphlet	A4 size, for marketing purposed	3

Note

- The submission will be evaluated out of **30 marks**, contributing to **15% of your grade**.
- Explanation is provided for each deliverable.

Final report (5 marks)

A document in *PDF containing the following.

1. **Project brief:** Need statement and design opportunities *(2 slides)*
2. **Three big concepts:** Sketch + Low fidelity mock-ups *(one slide per concept)*
3. **Final concept** sketch/ drawing + how design opportunities are addressed *(1-2 slides)*
4. **Final prototype** (photographs to explain scale and features) *(1-2 slides)*
5. **Conclusion + future scope for the project + acknowledgements** (if any) *(1-2 slides)*

The first two sections can be borrowed from earlier submissions.

If the project briefs were reworked; incorporate the changes in these slides.

Make sure to use Google slides/ MS PowerPoint or equivalent; use clear bullet points by avoiding long sentences.

Number of slides are allowed to be varied by some margin as per the requirements.

Final prototype (10 marks)

A prototype making the product proposal convincing. It should demonstrate:

1. **Electro-mechanical functions** (as best as possible)
2. **Simulation of actual materials** (best possible match of the proposed, need not be actual)
3. **Detailing** (techno-aesthetics, usability features)

Notes

- **DO NOT CHANGE / ALTER THE CONCEPT FOR PROTOTYPING**, make what is feasible and let the concept be as well worked out as possible.
- Economize the materials and use them with meticulous planning.
- Back-work the prototyping process.
- Be careful with the paint-jobs, mechanisms may not function well unless the paint thickness is considered.
- Take mentorship from OCEO mentors, TAs, lab staff and faculty as much as possible, but do-it-yourself !

Final Concept (8 marks)

- **No separate submission** required
- **Product configuration** (size, proportion w.r.t. human scale)
- Will be evaluated based on drawings + prototype + future scope
- Detailing for usability and techno-aesthetic detailing will be seen
- This should reflect the **maturity of the concept** and your understanding of design process, and the contextual knowledge provided during lectures

Prototype examples

Group 11: Astheletes (ES 115)



Isometric View



Rocker-Bogie.



Folding Saline Stand.



Medical Storage Area.



Detachable bed.



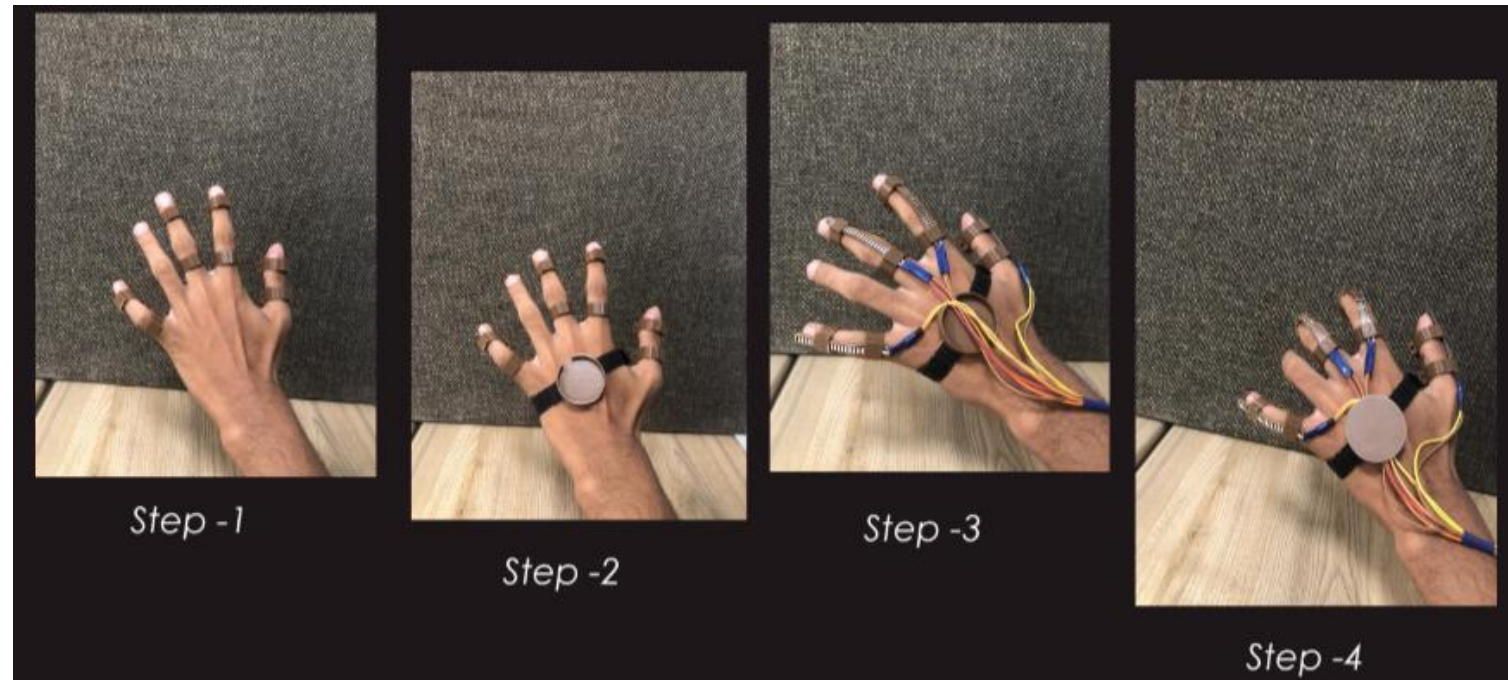
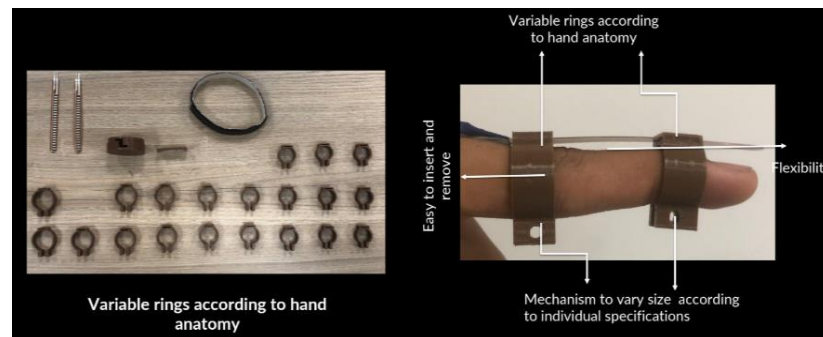
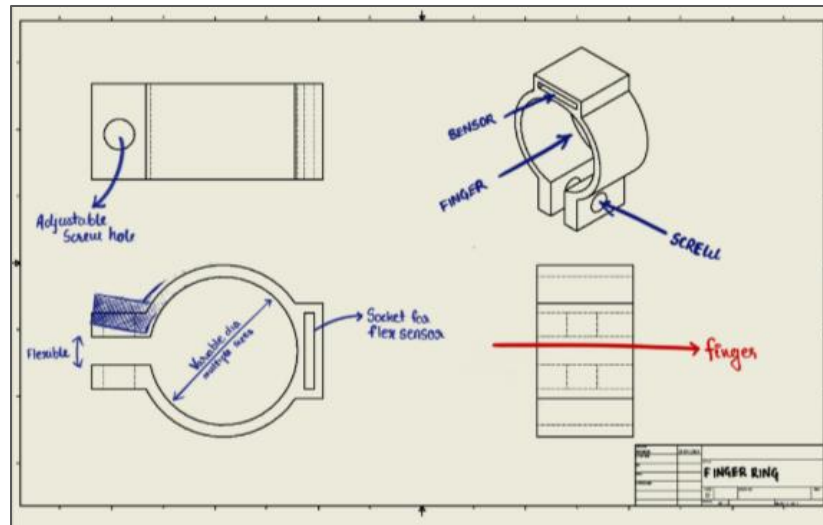
Pull out sliders.
(for support)



Foldable Stretcher Bed.

Prototype examples

Group 10: Evoke Motion (ES 115)



Final prototyping process

- **Follow safety standards and cleanliness**
- **Plan well in advance**, materials or guidance **will not be provided** at the last minute.
- Take photographs to document the process (with due safety precaution)
- Use the materials from **TL/ mechanical workshop**
- Take due permissions for using **Makers' Bhavan facilities** (Anirudh Mali)
- If any specific material is required (bearing / hardware), the decision needs to be passed through Nirav Bhatt/ Tarun Sharma
- Bills **not submitted in the recommended format** will not be approved.

Infomercial (4 marks)

- A maximum **100 second** informative + commercial (for marketing) video explaining the product and its features
- Let the **product be at the center stage**, do not deviate
- Build **ethos and pathos** (logos will happen through prototype & document).
- Keep it simple and to the point, avoid explanations!
- Pay attention to clear audio & avoid overpowering music

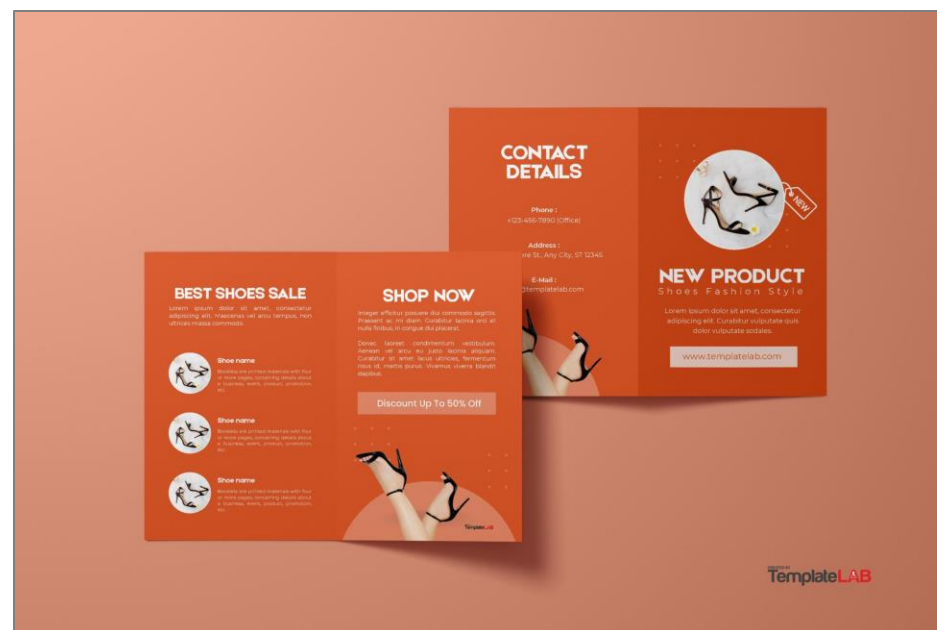
Link: a few good examples

Pamphlet (3 marks)

- Design a **A4 size** pamphlet for the product for marketing.
- One sided or two sided. Carefully plan the folds and alignments. Take black and white **test prints** to check orientations and alignments.
- You may use **any software** that you are comfortable. Suggested is Canva ; MS PowerPoint / Google slides can also be used with suitable settings.
- Try and maintain a color palette, font family. DO NOT DECORATE!
- You may add a logo and brand-name that can continue in the report and any other form of presentation

Pamphlet – examples, guides

- **Guide:** <https://www.linkedin.com/pulse/12-tips-creating-highly-effective-product-brochure-vinay-tewathia>
- **Types of folds:** <https://solutions.teamavalon.com/blog/8-brochure-folding-styles>



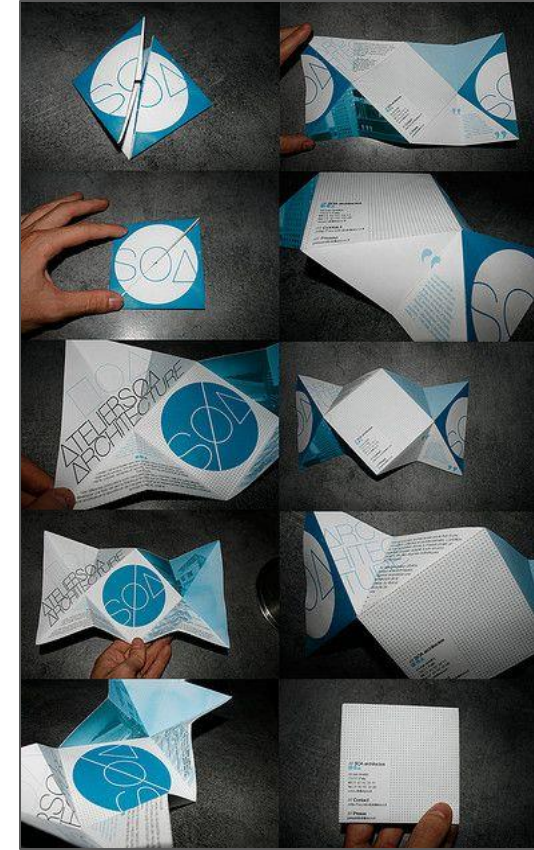
Pamphlet – creative examples



<https://tripwiremagazine.com/die-cut-brochure/>



<https://in.pinterest.com/pin/788059634808863066/>



<https://www.pinterest.com.au/pin/66991113180943751/>

Course Exhibition

- Pick a date (22nd / 23rd November)
- Pick a time as per convenience of ALL the Groups
- Prototype + Pamphlet with Techno-aesthetic detailing
- Keep the presentation handy in case required

All the best...

Looking forward to have a *great finish* for the semester!