

Faculty of Design

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Anuvad: A collaborative, co-creative approach to creating crafted e-textiles Khalsa, Chhail

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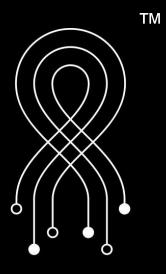
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A Collaborative, Co-Creative Approach to Creating Crafted e-Textiles

Chhail Khalsa | 15.10.2020

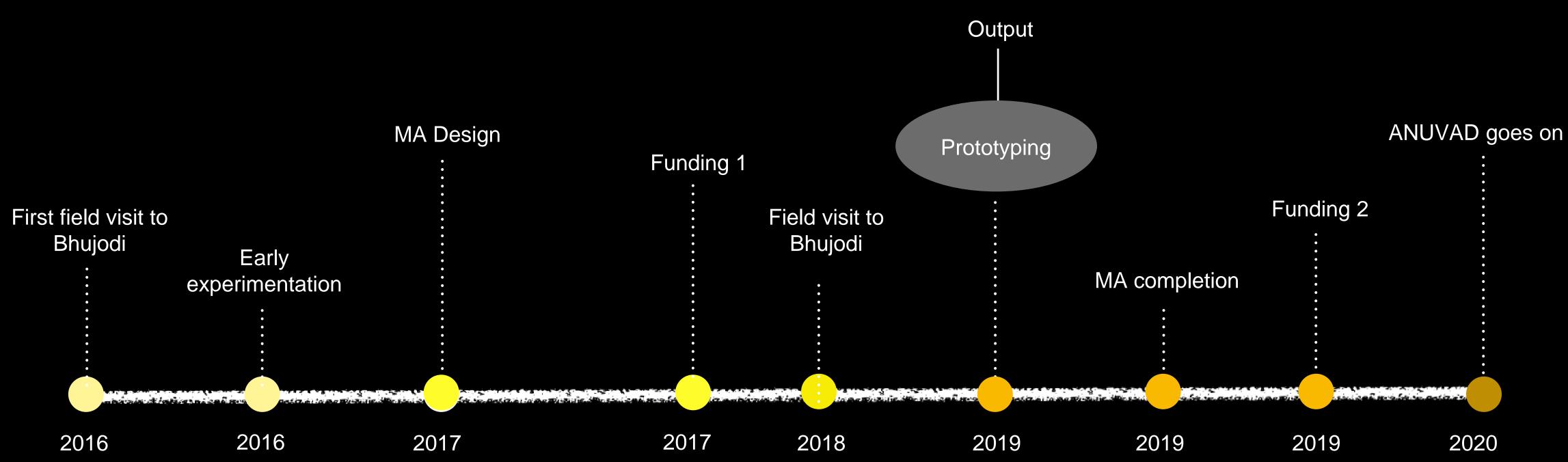






What is ANUVAD?

What are E-textiles?





How can I contribute my learnings to the design community?

DESIGN-LED TECHNOLOGICAL INNOVATION

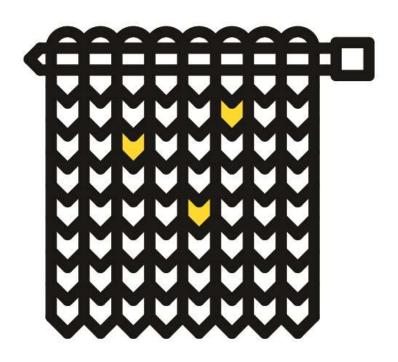
NECHNOLOGIC

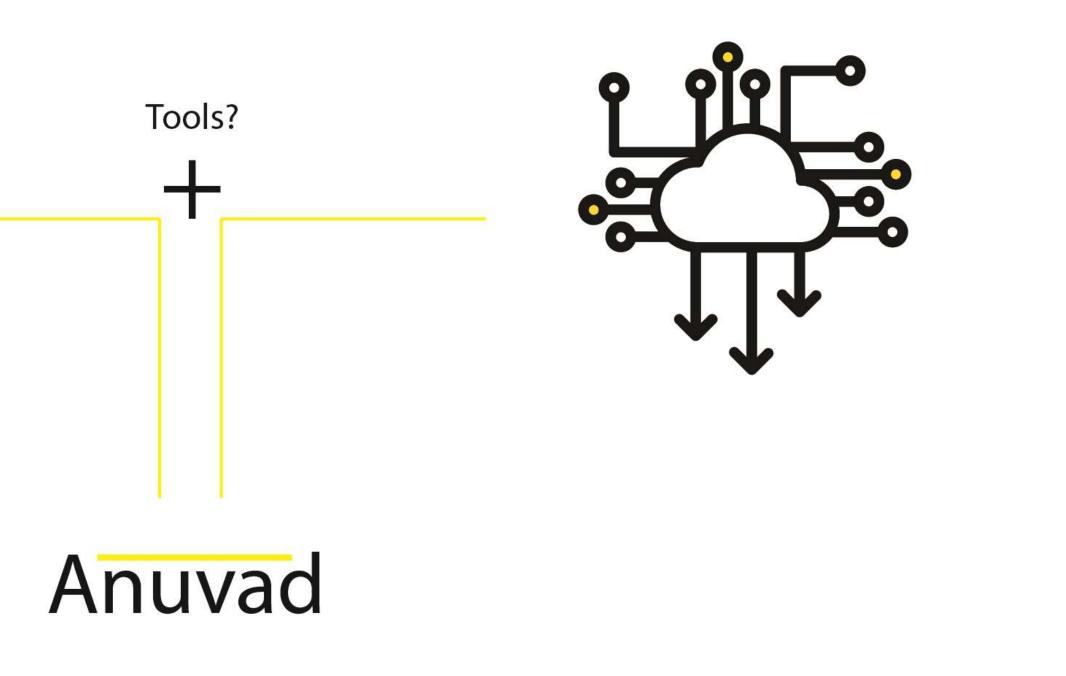
ANUVAD

DESIGN RESEARCH

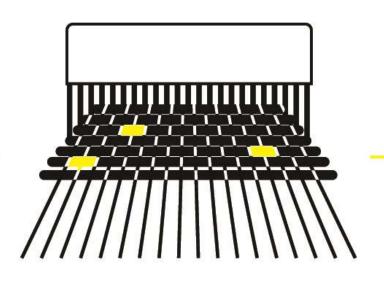
CRAFT





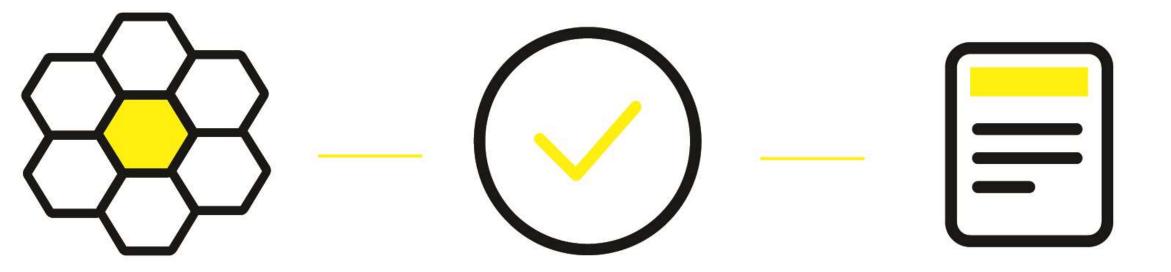






Day 1 Context Setting

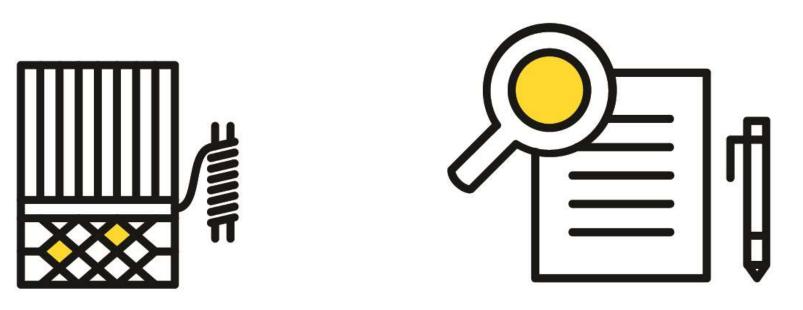
Day 2-6 Prototyping/Iterating /Sampling



Day 7 Co-Creating

Day 8-9 Validating

Day 10 Concluding



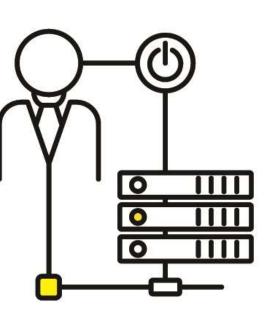
Weavers



Feedback



Ideas Generation



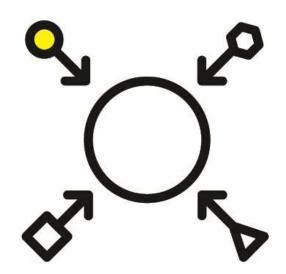
Researcher

Tech Expert

Co-Creation Workshop



Anchor Identification



Process Inclusion

CRAFT COLLABORATION TOOLKIT



Mindset

Creative | Inventive | Fore

Method

Organisational | Administrativ

Workshop/field trip?

nearby cities?

What are the basic rec

while planning the t

Mindset

cues

How can you demonstra simplistic way? What is the destination of th

Can you do quick simple the idea in different me What are the available am nicate the concepts?

How can you effective Do you have to take acc craftsmen of your ide

Visual communicatio language barriers. A to conduct fieldwork? rapid prototype hel of communicating t craftsmen, without aware about the fa maybe caused by villages may not b The prototypes ac converting the ide villages camenius The prototypes the basic amenius converting the is cities. Consider s cities with the W it fits with the CC it fits with the CC of commute. Cy food, and stay food, and stay it fits winder of commute. food, and stay trips. Ask the person for so usally know it

Mindset

Open | Empathy | Humble

Method

How do you explain conce craftsmen in a way that t

Can you communicate y them while also making respected?

It is important to unde men though hail from towns and are in son they have generation edge and skill. It is i sure that one treat respect they deser collaborators, its i and appreciate w table. Treating th humility will enh and go a long w outcomes.

Mindset

Demonstrative | Guiding Method

How can you explain in the craftsmen without Most innovative and ex are new ad have no ex can be a challenge to group that has no con

Scenario generation i Taking an example fr enviornment and exp in a "what if" situatio have a piece of fabri this piece of fabric v heat up etc." It can / the ideas in thier fa therefore be able t

Mindset Negotiating / Finalizing / Conclusive

Were the aims of the field-work What are the next steps?

How can the project be taken forward by Having a final discussion is very import-ant to review the output with the crafts Having a final discussion is very important to review the output with the craftsant to review the output with the craft men and to understand the achieve.

The review can consist of the final bill The review can consist of the final bill settlement for the costs of production, understanding and agreement on the Settlement for the costs of production understanding and agreement on the future steps in the project. It is imported Understanding and agreement on the future steps in the project. It is important to take into account the craftements Tuture steps in the project. It is important to take into account the craftsmen's oninion and feedback to the work unit to take into account the craitsmens opinion and feedback to the work under-taken



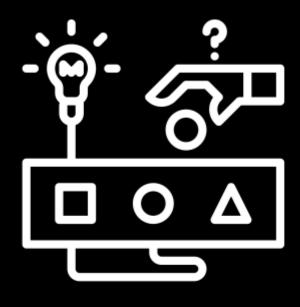
Insight Routes



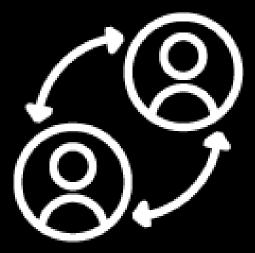
OBSERVATION



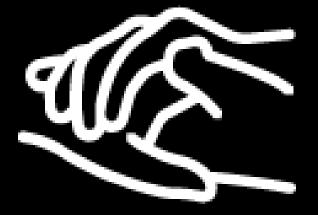
CONVERSATION



EXPERIMENTS







EMPATHY

PRE	
Field work	Fi
Locating crafts	Model
Planning trip	Interpe
Elementary prototyping	Motiva
Craft review	Lang
Community compassion	Brea
Dress code/ Packing	Scer
	Guide
	Refere

URING

- ield work
- communication
- ersonal relations
- ate and Inspire
- iguage usage
- eaking the ice
- nario creation
- led prototyping
- enced iterations

POST Field work

Final discussion

Keep contact

CARD LAYOUT

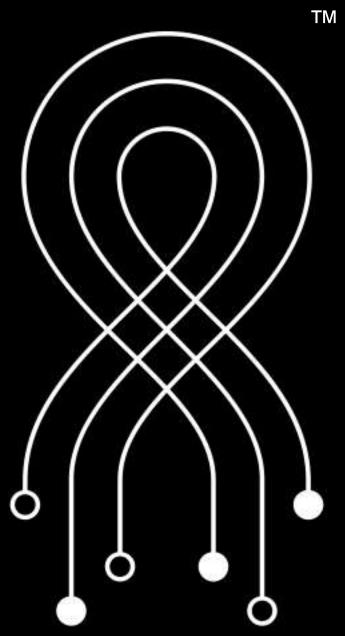


Front

Mindset	 Psychological cues
Demonstrative Guiding Communicative	
Method	 Explanation
How can you use your skills to demonstrate the idea to the craftsman?	
Can you help and guide the craftsman step-by-step through the concept?	 Working cues
One of the ways to explain to complex ideas to a craftsman is by guiding them step-by-step. Taking them through the process while they use the craft technique to prototype. Using a medium and technique familiar to them makes them visualise the idea much more clearly.	
Guided prototyping is a technique to help the craftsman grasp the idea if they are unable to understand through the other ways. They feel more comfortable as well, knowing that the end result will be a team effort.	 Detailed explanation

Back





AND IT STILL GOES ON..