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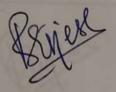**Graduation Project Report On**
Happy Feet – Multitasking Shoe Rack
by

PRINCEPE GOYAL

Submitted in partial fulfilment of the requirements for
the degree of Bachelor of Visual Arts, Product Design

ACHARYA SCHOOL OF DESIGN
2018-2022

Under the guidance of Project Coordinator

ABSTRACT

Designing is the process of envisioning and planning the creation of objects, interactive systems, buildings, vehicles, etc. It user-centered, i.e. users are at the heart of the design thinking approach. It is about creating solutions for people, physical items or more abstract systems to address a need or a problem.

Backpacks are used by a large number of people to carry their belongings like laptops, gadgets, books, etc. Often the weight of these objects can have an impact on the backbone with prolonged usage. Hence the aim of this project was to design a backpack that not only worked as a backpack but also helps in posture correction.

This backpack uses an antigravity shape on the bottom which makes the user feel less weight on the back. The ergonomically designed product keeps the spinal cord in the right posture and reduces the impact pain in the backbone. The design is researched and inspired by the history of carrying young children on their backs. The water-resistant product is large in size and is suitable for carrying different types of laptops and other gadgets.

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2. **Bill of Materials**

ACHARYA SCHOOL OF DESIGN				
PROJECT NAME:				
STUDENT NAME:				
SCALE:				
S.NO	ITEM NAME	QUANTITY	PRICE/UNIT	LINK
1	shoe rack body	1	5000	
2	shoe cleaner role	1	600	
3	motor	1	350	
4	battery	1	600	
5	making cost		3000	
	Total		9500	