

Literature Survey

**Title : “Apparel-based deep learning
System design for apparel style
Recommendation”**

Authors : Angel Arul Jothi J

**Publication : Department of Computer Science, Birla
Institute of Technology and Science Pilani
Dubai Campus, 345055, UAE**

**Methodology : Using deep learning models distinctly
or by pairing with other machine learning models in building
the recommendation system will have more accurate result.**

**Title : “ Intelligent fashion
Recommender System”**

Authors : SAMIT CHAKRABORTY

**Publication : IEEE Transactions on Human-Machine
Systems (2015)**

Methodology : By getting a well-defined user profile, it can differentiate a more personalized or customized recommendation system from a conventional system. By using Image processing, image parsing, sensory engineering, computational algorithms, and computer vision techniques will support the recommender System.

Title : “ Personalized fashion recommender system with image based neural networks”

Authors : N Manikya Arun

Publication : Journal of Advances in Mathematical & Computational Sc (2020)

Methodology : Using an image of a product given as input by the user to generate recommendations because most of people see something that they are interested in and tend to look for products that are similar to that. So, by Using neural networks to process the images from Deep Fashion data set and a nearest neighbour backed recommender to generate the final recommendations.

Title : “Fashion Recommendation System”

Authors : Aneesh K

Publication : Information Science Conference(2020)

Methodology : By providing the user a Virtual wardrobe as a option to get the users input as an image or allow the user to select the items as input. Then the Recommender system Process that input and provide more related products as Suggestion.