

NATIONAL INSTITUTE OF FASHION TECHNOLOGY



GRADUATION CEREMONY

DEPARTMENT OF FASHION TECHNOLOGY, NIFT PATNA

TECHNOVA

BATCH 2018-22





GRADUATION CEREMONY BACHELOR OF FASHION TECHNOLOGY

BATCH 2018-22





THE INSTITUTE

National Institute of Fashion Technology (NIFT), set up in 1986 under the aegis of Ministry of Textiles, Government of India, is a Statutory Institute Governed by the NIFT Act 2006. Bringing in a wide range of aesthetic & intellectual orientations, the early instructors included leading progressive scholars from Fashion Institute of Technology, New York, USA.



Articulating the ideology of world-class learning practices

The in-house faculty was drawn in from a distinguished group of intellectuals who put forth a sense of dynamism creating a pathway to effective learning. Pupul Jaykar Hall at NIFT headquarters in New Delhi is a reminiscence of many educational thinkers and visionaries who have been instrumental to the institute's road map to success. Through its 17 professionally managed campuses, National Institute of Fashion Technology provides a framework to ensure that prospective students from different parts of the country achieve their highest potential through the programmes offered. Since the early years of its inception, the institute has provided a firm foundation in fashion education in the domains of Design, Management and Technology.

Since then, NIFT has scaled high academic standards. The faculty of the institute has grown into a community of leading practitioners, education enthusiasts, entrepreneurs, creative thinkers, researchers & analysts. NIFT is committed to academic excellence in fashion education. The vision of the institute embraces challenges and provides the impetus in setting highest academic standards. NIFT continues to strive to be nothing but the best.

Through its journey, NIFT has strengthened its academic strategy. Invigorating thought leadership, research stimulus, industry focus, creative enterprise and peer learning have reinforced the institute's academic bedrock. Fostering a new generation of creative thinkers, the institute is empowered to award Degrees in undergraduate, post graduate and doctoral studies. Articulating the ideology of world-class



learning practices, the institute has entered into strategic alliances with leading international institutes. Academic inclusiveness has been a catalyst in the expansion plans of the institute. Over this period, NIFT has spread its wings across the length and breadth of the country.



MESSAGE FROM DIRECTOR GENERAL



Shri Shantmanu, IAS



Director General ,
NIFT

The Graduation event is celebration of hard work of the graduating batch since it is in the transition from in-depth theory to lateral practice.

NIFT has evolved for more than 36 years amidst the ever-changing landscape of fashion and pioneered holistic fashion education that adapts to the changing times. It streamlines the strength of students and helps in the transition into a professional environment.

Fashion in India encompasses socio-cultural, historical and economic variables, which add to its multi-verse persona. The diverse set of features and needs provide a space for multi-stakeholder interactions and learnings. The symbiosis of design, technology, and management is integral to the fashion ecosystem. Its relevance was exemplified during the COVID-19 pandemic which came with a unique set of challenges and opportunities for exploration and innovation. This moulded the graduating batch of 2022 into young professionals, equipped for impactful projects.

It is my privilege to present to you this showcase of creative talent from NIFT Patna ,who are ready to take on the challenges ahead of them and make a mark in fashion world.



MESSAGE FROM DEAN



Prof. Vandana Narang



Dean ,
NIFT

Congratulations to the graduating batch of 2022! We are proud of your achievements. The Graduating event 2022 is the showcase of final projects of the graduating batch of NIFT across the streams of design, management, communication and technology. In NIFT design, technology, and management is an integral to the fashion education. The COVID-19 pandemic brought in new challenges and opportunities to learn, design, integrate and innovate.

From e-commerce of fashion and craft, functional clothing, sustainable fashion, designing for society, integration of artificial intelligence campus has evolved for more than 36 years in the middle of the changing landscape of fashion and pioneered fashion education. It has enabled NIFTians to strengthen their skills, broaden their horizons and transformed them to confident graduates. My best wishes to all the graduate & their parents on this occasion. I take this opportunity to congratulate NIFT team for another successful year. It is my joy to present to you this showcase of creative talent from NIFT who will make a mark as true professionals and contribute to the development of our country.



MESSAGE FROM DIRECTOR



Prof. Sanjay Shrivastava



Director ,
NIFT-Patna

A thought that has been enduring in my mind when it becomes real it is truly an interesting and exciting experience. This batch after Covid times is graduating in NIFT's Special Style and this becomes one such cherished work for me personally as it has its roots in the persuasion for the campus to excel. Today is a snapshot of the various activities and advancements for all associated with NIFT Patna. You are part of one of the rarest group of individuals who graduate today.

As you prepare to intersect the world outside the academics, I strongly believe that all of you will contribute in your own special ways to the betterment of the environment in which you would settle down and I know that we all at NIFT will for sure be proud of each such contribution.

As one gets engaged in shaping one's goals, we usually fail to appreciate the good deeds of many people and activities that happen around. It could all change if we just pause to think of what is our contribution from which we have been gifted with this blessed life.

A lot of you have consistently been recognized for your outstanding work and intellectual accomplishments. Coming from all over the country, today you have achieved the academic honors and I know that the breadth of professional opportunities that you are going to engage in will be staggering. I would like to extend my sincere and hearty thanks also, as always, to all in NIFT community for your contributions to this graduating class's successes. Together we enter another notable page in the history where we honour you the Graduates of 2022 and we step into the fifteenth year of NIFT Patna.

Congratulations to the class of 2022!

With Love and Luck as Always



MESSAGE FROM CHAIR PERSON



Prof. (Dr.) Russel Timothy



Chair Person ,
Department of Fashion Technology

It gives me great pleasure to congratulate the graduating students, faculty and staff of NIFT, Patna on the occasion of its Graduation Show Event. Graduation is amongst the most important milestones in students' academic lives. An event as important as this marks a landmark in the life of the Institute and of the students who are now set to take up professional career. Regardless of the challenging times caused by corona virus pandemic, each one of you has met the rigorous academic standards of our institution to earn its degree and have proved your mettle as a fashion technologist worthy of the NIFT alumnus status.

The Department of Fashion Technology has been home to the best Indian minds and has played their roles in steering them to pinnacles of professional excellence in the Apparel Manufacturing industry. By the virtue of the achievements made by its students, and faculty, NIFT today stand amongst the best institutes in the country developing Design, Management and Techno-managerial careers required by the industry.

I would like to convey my appreciation to the Director, Joint Director, faculty members and staff of the Institute whose untiring efforts have made this happy occasion possible. I also take this opportunity to congratulate the students who are graduating this year. I urge them to continue to work hard towards achieving higher goals, take up new challenges and dedicate sincere effort.

Wishing you all the best and good luck for the future!



MESSAGE FROM CAMPUS ACADEMIC COORDINATOR



Dr. Satyendra Kumar Mishra

On behalf of the National Institute of Fashion Technology, Patna, it is my pleasure to congratulate our graduates of Bachelors of Fashion Technology. I am sure, as you look back, you will see that there is a long and curving path that has led you to this moment. We know that our graduating class has overcome extraordinary circumstances to forge that path and arrive today as a graduate. This is a time for all of us to celebrate and honour your accomplishments. As you move forward into your careers and life-long journeys, remember that your path continues, know that you can accomplish anything with your positive frame of mind to grow as an individual along with others, and do great things with the knowledge you have acquired. Remember Graduates, you are forever a part of NIFT, Patna. Congratulations to class of 2022!



Campus Academic Coordinator ,
NIFT-Patna



MESSAGE FROM CENTRE CO-ORDINATOR



Ms. Nilima Regina Topno



Centre Coordinator ,
Department of Fashion Technology

It is my pride and privilege to present to the Industry the batch of 2018-22. They joined as young fledglings and today they stand strong to face the world. Much time has passed. Armed with the exposure to the state-of-the-art new curriculum, they braced themselves to learn the subjects of the new syllabus: AI, IoT, Mechatronics, Robotics, MTM, and 3D patternmaking, etc. along with the traditional BFT subjects. They have been groomed as young professionals who are ready to take on the challenges of the industry. Covid 19 was a dampener year with classes going online, but when the times get tough, the tough get going. "This Batch" has successfully been assigned to renowned Garment brands and companies and they have presented Graduation Projects in areas of Production, Retail, Product Development, Cloud computing and IOT. 15 of them landed PPOs and the rest were placed in Placements 2022, securing plum jobs. I truly believe the batch will be the game-changers for the Industry. I wish them the very best of what life has to offer. May they be flagbearers of BFT NIFT Patna and take with them the values of sincerity and hard work.

Till we meet again !!!



ABOUT NIFT PATNA

NIFT Patna was started in June, 2008, from its transit campus situated in the prestigious Udyog Bhavan, Gandhi Maidan, Patna and from July 2014 it has start functioning from its own permanent campus at Mithapur Farms, Patna. NIFT as an institute is a pioneer in envisioning and evolving fashion business education in the country, and this endeavor saw opening of four New Centers in 2008. Patna being one of them. NIFT now has a network of sixteen professionally managed domestic centres at New Delhi, Bengaluru, Chennai, Gandhinagar, Hyderabad, Kolkata, Mumbai, Raebareli, Bhopal, Kannur, Patna, Shillong, Kangra, Jodhpur, Bhubaneswar and Srinagar The NIFT Patna campus is half kms from Patna Junction and 4-5 kms from the Airport. It is well connected to every part of the city through bus and autos, besides the students' bus of the institute. Security is of prime importance in the campus, which is also a strictly non-smoking zone. The courses being offered in the institute at present include specialization in six disciplines. Which includes Bache lor of Fashion Technology & Bachelor of Design (FD, TD, AD & FC) at the under graduate level and Masters in Fashion Management at the post graduate level. Due to the advantage of being one of the pioneer institutions coming in the state, the institute is now very well networked to satisfy the academic requirements of NIFT at Patna. The institute portrays itself as a leader in fashion education in the state. NIFT Patna has committed itself in exploring growth paradigms and to act like a catalyst in formulating the structural roadmap for the apparel and allied industry. NIFT Patna is looking forward to contribute towards upliftment of the craftsmen through workshops and design intervention.



BATCH 2018-22 DEPARTMENT OF FASHION TECHNOLOGY

The multi-disciplinary four year program with well integrated information systems gives students insight on diktat of fashion manufacturing business and keeps them abreast with the latest and best methods and practices in sewn product industry. It prepares professionals who can significantly contribute to the fashion technology domain of the apparel industry by providing practical solutions to the industry in India and abroad.

The industry responsive course curriculum, state-of-art infrastructure, practical insights in real world through constant and dynamic interactions with apparel Industry and well trained and experience faculty helps the department to stay competitive and maintain the long standing tradition of providing highly trained personnel in garment manufacturing setups.

The programme equips students to pursue wide range of careers in areas of garment Production, Quality Assurance, Garment Fit, Industrial Engineering, Product Development, Sourcing,

Project Analysis, Production Planning, Entrepreneur, Human Resource Management, System Analysis, Software Application and Merchandising (retail and export).



FACULTY MEMBERS

1. Ms. Nilima Regina Topno (Associate Professor, CC-DFT)
2. Mr. Jayant Kumar (Assistant Professor)
3. Ms. Abhilasha Singh(Assistant Professor)
4. Dr. Omkar Singh (Assistant Professor)
5. Mr. Navanendra Singh (Assistant Professor)
6. Mr. Vinoth R(Assistant Professor)



FACULTIES COLUMN



"With this, the time has knocked the door of NIFT-Patna to bid farewell to the graduating batch of BF-TECH-18-22. The moment of separation is heart rending, it has always been and will always be. Our legacy starts with you, and I am sure you will carve a niche for yourself in the industry. May the almighty shower his blessing upon you and bless you with peace and happiness that you need to sustain in long run. May the struggle itself struggle to bring you down. Just remember to come back and inspire young India year after year. You the Alumni are the core of NIFT. You will be celebrated always!!! NIFT -Patna and its folks will miss you."

-Mr. Jayant Kumar (Assistant Professor)



"Hello dear graduating batch of 2022. It was such a delight to have you as my first passing batch. Your energy, your potential, your zeal to learn and your pursuit to become the best version of yourself is out of bounds. I hope you will continue with same enthusiasm and you find yourself touching the zenith of a successful career very soon in your life. You will not only become good professionals but also good citizens working honestly and diligently for the greater good of the mankind. I wish you all the best for your future endeavours from the core of my heart."

-Mr. Navanendra Singh (Assistant Professor)



"I am so happy for you. Wishing you all the very best in life. There are lots of exams you need to go through to get your aim; successes and losses come and go, but your dedication and hard work will always be with you to lead you towards a step ahead. You are the person who can change the world. It is your life, enjoy the smile, joy and freedom the way you want; but don't forget your aim; temptations will be there to distract you; but the winner is one who stays focused always. All the best."

-Dr. Omkar Singh (Assistant Professor)



"Greetings to all endeavors. You are the only person who knows about yourself very well. Take your own time and decide what you want to do in this life. Focus on your aim, plan it and run towards it with smart work. When you make a mistake, accept and learn from it then upgrade yourself. Be prepared to use the opportunities, because you won't get a second chance always. Learn everything, don't bother whether it is right or wrong, it will help you out somewhere. Enjoy every moment in a life with smile as per your wish. I wish you a bright future and prosperous life. May you all be successful."

-Mr. Vinoth R (Assistant Professor)



"My best wishes for all the students of Batch 2022 who are ready to join hands with the professional world. Your coming out of college with flying colours proves that there's no stopping for you. You have done great, will continue doing well in future too and will make us proud of you. Nift has prepared you for sleepless nights, working under pressure and meeting the tight deadlines. These will definitely help you and make your professional life easier. Always remember there is no shortcut to hard work. I wish you all a great learning experience ahead. I hope you will keep in touch, visit us and inspire your juniors with the stories of your achievements."

- Ms. Abhilasha Singh (Assistant Professor)



STUDENTS





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Faculty mentor: Mr. Jayant Kumar

Industry Mentor: Mr. Ramakrishna Nandam

Organisation: Landmark Group Max Fashion

Location of Organisation: Bengaluru

Placed in: Landmark Group

PROJECT TITLE:

Determining the optimal combination of price for product using the forecast model in men's wear

OBJECTIVE:

Develop an application for finding the maximum revenue price point for each product by analyzing the previous year sales data.

ANALYSIS DONE:

By using the Linear optimization algorithm, results of product categories -joggers, striper polos, non – hooded sweatshirts, knit shorts and full sleeve shirts were improved by showing up to 2.05%, 4.11%, 9.9%, 3.5% and 8.1% of profit increase respectively.

BACKGROUND OF PROJECT:

It is important to understand the correct pricing of a product, a little too high can lead in losing our customers and slight underpricing will result in loss of revenue. Most commonly cost plus pricing method is used which include the cost of creating the product plus the percent markup. But, the biggest downfall of a cost-plus pricing model is that it completely disregards the customer's willingness to pay. To make money, a customer must be involved.

METHODOLOGY USED:

Collecting the sales data of previous years then importing that data in the application. The application will plot the sales data on the scatter graph as Price against quantity sold. It will use Ordinary Least Square (OLS) method to analyze the demand line for future prediction. Application will calculate the revenue for each price range selected and also, forecast the predictive quantity that will be sold. So, with the help of this, Price vs Revenue graph will be shown at which price we will achieve maximum revenue.

CONCLUSION:

The research shows successful contribution of linear optimisation algorithm to optimise the price of the different product based on the customer buying patterns. The work concludes in completing an analytics pipeline where it imports the data, make predictive models, to return an optimized vector of prices, which accounts for the maximum margin or revenue possible.



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Faculty mentor: Miss Nilima Regina Topno

Industry Mentor: Miss Vatsala Shukla

Organisation: Myntra Jabb

Location of Organisation: Bengaluru

Placed in: Groyyo

PROJECT TITLE:

Improving print quality, reducing inventory and cost analysis of printed t-shirts by replacing screen printing with direct to garment printing method.

OBJECTIVE:

To replace screen printing and introduce direct to garment printing for photo realistic prints, new supply chain model and cost analysis of the entire model.

ANALYSIS DONE:

Analysis of cost, time, quality, and comparison between screen printing and direct to garment printing. Analysis of cost and processes of the old supply chain model and new supply chain model.

BACKGROUND OF PROJECT:

All the orders have some minimum order quantity and not all the garments are sold at its full price at the platform. Due to this products remain at warehouse at longer period of time and are finally sold in end of season sales at huge discounts. This blocks warehouse capacity and decreases company's profit. This project is aimed at solving this problem by changing the supply chain model and improving print quality of t-shirts by using direct to garment printing instead of traditional screen printing.

METHODOLOGY USED:

Understanding the current supply chain model and printing methods used by the company; literature survey; identifying gaps; choosing another printing method and supply chain model and preparing a pilot run model for the project.

CONCLUSION:

After the analysis, it was found that direct to garment printing method helps in improving the print quality of the garment. It was also found that the new supply chain model would also lead to a significant reduction in cost and inventory of the company. Considering all these points; a pilot run model was prepared which will be implemented by the company.



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Faculty mentor: Ms. Abhilasha Singh, Ms. Nilima Regina Topno

Industry Mentor: Mr. Mithilesh Pathak

Organisation : Firstcry

Location of Organisation: Brainbees Solutions Pvt. Ltd, Andheri East, Chakala, Mumbai – 400093

Placed in: Firstcry

PROJECT TITLE:

Study of Apparel Fulfillment System (AFS) and standardization of Franchisee Detail Parameter (FDP)

OBJECTIVE:

To study and analyze the processes related to Apparel Fulfillment System (AFS). To identify process gaps that lead to major time consumption. To do a comparative study of the fulfillment strategy used by the leading competitors in the market. To identify the current areas of improvement and standardize the Franchisee Detail Parameter (FDP), and base correction in the footwear and partywear category.

ANALYSIS DONE:

Min/Max inventory policy that was implemented for inventory management approach to capture opportunistic sales by carrying safety stock and amalgamates volumes to reduce pricing and incoming freight costs. To avoid stock outs, we had set the minimum and maximum levels quite high, yet low enough so you do not increase the risk of expiration or damage of the inventory products. With the min/max I had set the base of footwear and partywear, keeping the lowest parameters (type, age, and gender) in consideration. The new standardized FDP was implemented to reduce the gaps in the given categories.

BACKGROUND OF PROJECT:

Here set logic is used for footwear, partywear, ethnic wear, sweaters and jackets and sweatshirts. Currently there is a huge problem occurring in the FDP set logic, where the base logic of footwear, partywear, and ethnic wear is not standardized. So, a huge gap is occurring in these categories in the retail stores, the AFS is not fulfilling the gap that is occurring in these categories and this is visible in the stores as the shelves are not filled for the given category. This project is required to discover the real scenario of the present distribution model and thereby find and implement the new improvements for stock balancing.

METHODOLOGY USED:

So, this project aims for correcting and standardizing the base of the set products. To match the gap value with quantity and set the base, we have planned to do the reverse calculation of the Stock in hand, primary sales, secondary sales, sales strength of each state to identify the issue in the current set logic that is being used. To standardize FDP, Min/Max inventory policy will be set to calculate the width-depth that should be maintained in each stores according to the agreement value.

CONCLUSION:

From this project I got to learn about various aspects of retail merchandising. Initially I learned about gap analysis and sell through analysis, weekly sales report which helped me in completing my project. Secondly, I learned about the apparel fulfilling system that is being used in Firstcry.com and on what parameters and principles it works. Through my graduation project, I got to learn the limitations of AFS and analyzed methods and processes to solve them.



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Faculty mentor: Mr.NavAnendra Singh

Industry Mentor: Renukai

Organisation: Arvind Limited

Location of Organisation: Arsikere Karnataka

Placed in: Arvind Limited

PROJECT TITLE:

Improve efficiency of line by doing, standardization of man power

OBJECTIVE:

To increase efficiency of sewing line and increase the daily output to reach the capacity of 1000 pieces per day.

ANALYSIS DONE:

shortage by operators, and company old methods used every operations

BACKGROUND OF PROJECT:

The underlying the me running across the broad spectrum of all business activities at Arvind is that of enhancing lifestyles of people, across all diversities and demographics.

METHODOLOGY USED:

1.process flow of industry 2. sewing line layout study 3. time study 4. time study for each operation 5. capacity study for each 6. line balancing 7. line balancing according to time & capacity study 8. Line balancing according to different style 9. Efficiency 10. Find current efficiency 11. Analyze process and find cause of less efficiency 12. Method study 13. Method study for bottleneck operation 14. Recording the method, operation process chart, flow process chart 15. Motion economy 16. Motion economy for bottleneck operation 17. Principles of motion economy, two-handed process 18. Capacity 19. Do capacity study and give target.

CONCLUSION:

Programming the Label attaching operation, Reduce operator in Parts Section, collar pattern develop, implement of gusset making profile ,Shoulder attach folder.



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Faculty mentor: Mr. Jayant Kumar

Industry Mentor: Ms. Bhawana Sharma

Organisation during Graduation: Max fashion, landmark group

Location of Organisation: Noida

PROJECT TITLE:

Product Gap Analysis for women's wear

OBJECTIVE:

To state measures and give suggestions for improvement of the company's performance by doing product gap analysis in women's wear (western and Indian).

ANALYSIS DONE:

Gap analysis, market analysis, least selling product analysis.

BACKGROUND OF PROJECT:

Women focus on trends, look for varieties and do impulsive shopping, they keep on switching stores to stores and brands to brands to get something extraordinary, if they go for a reasonable shopping they would definitely switch to somewhere where they will get more varieties in that range, if MAX fashion has a competitive pricing strategy but its competitor brands provide more varieties and options and renew their collection and are up to date with the trend then customers will keep on switching to those brands.

METHODOLOGY USED:

Store visit - visited store of max fashion, went through the product line, breadth and depth. Noted all the important and necessary details and information. Competitive analysis - visited store of Competitive brands went through the product line, breadth and depth. Noted all the important and necessary details and information. Noticed the gap in the product line. Did market research for finding out the consumer demand, preferences and trend of the particular product gaps. Analyzed the research and drew conclusions for enhancing company's performance.

CONCLUSION:

Max had A-line, kaftan in one option, tiered dresses and fit and flare with embroidered, printed, belt, handkerchief hemline and front buttons with very limited options. The multiple parameters of analysis concludes that - the straight type dress with pockets and front button down, fit and flare with belt and side pockets and tiered dress with side pockets and belt should be included in the collection of dresses. The price range of ₹1199-₹1399 and ₹1399-₹1599 should be focused. According to age preference of 16-25 years and 26 - 35 years as this is the main target age for the company, it concludes that straight, tiered and kaftan dresses should be included in the collection in the price range of ₹1399 - ₹1599 and A-line in the price range of ₹1199 - ₹1399. The multiple parameters state that, along with solid, max must include embroidered, printed, silk patterned and self patterned dupattas in their collection. This analysis is done based on one store as the office was in Noida but this measure can be proposed throughout the stores of max fashion because the product categories are same geographically.



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Industry Mentor: Ms. Schinella Vaz, Ms. Bhumika Papat

Organisation: Firstcry

Location of Organisation: Mumbai

Placed in: Classic Fashion, Firstcry

PROJECT TITLE:

Analysis of sales returns for the brands Babyoye and Hola Bonita

OBJECTIVE:

An overview of Buying for an e-commerce brand with an in-depth analysis of Sales-return for the brands Babyoye and Hola Bonita, reasons and solutions.

ANALYSIS DONE:

After analysing the sales returns, 2 major problems were noted:
(a) Quality issue (b) Fit issue

BACKGROUND OF PROJECT:

Customer returns are unpredictable and difficult to anticipate. Reasons for returns differ depending on the product. Hence the need arises to analyze every product category's returns and find probable solutions and action points.

METHODOLOGY USED:

Sub category wise the sales return percentage was being calculated. The sub-categories with highest sales return percentage was being analysed. All the product types with an SR% of more than 12% were also being analysed.

CONCLUSION:

For size issue, size charts have been compared resulting in no such changes. As a parent will always prefer quality over style for kidswear, we can limit the usage for certain fabrics which are uncomfortable for the kids.



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Faculty mentor: Dr Omkar Singh

Industry Mentor: Archana Panda

Organisation: Future Group

Location of Organisation: Mumbai

Placed in: Dmart, Shoppers Stop

PROJECT TITLE:

FASHBOARD - A Sales Analysis Tool

OBJECTIVE:

To replace the traditional process of Sales analysis by developing an Interactive Excel Dashboard which is dynamic in nature and depicts the best and poor seller product information on a single-click.

ANALYSIS DONE:

The whole analysis process was done by evaluating the dashboard and then presenting the Range. We can easily identify which product is selling at which price along with the details of their color, style, vendor, silhouette etc. It also shows the top and bottom stores details. After analysing this we can know which store we have to allocate, how many products and which stores need to have less inventory.

BACKGROUND OF PROJECT:

To develop a dynamic dashboard exhibiting "Best & Poor seller figures," which would aid the company to visualise their brand performance at one glance. To develop a product range at the end which would be the outcome, after analysing the dashboard & representing the top demands of our customer base.

METHODOLOGY USED:

1. Analysis of Sales Data: After Understanding & Collecting the Sales and Plm data the Article, Style, Silhouette, Vendor, Color details are analysed & sorted accordingly.
2. Making of the Dashboard: Pivot is made according to season/category/store. Each Pivot repeat twice and is sorted in ascending and descending respectively. Using buttons, scroll bar, formulas & Vba coding all the back end work is done.
3. Dashboard Trials & Preparing the Range for the SS'22 Dashboard is working fine showing all the desired data. So based on that first we will analyse the top MRP, Silhouette, Color, trend and then develop the Range for HIT 2 of SS'22.

CONCLUSION:

We can use this software feature as one of the product for our company. If any other company are dealing with same problem of handling their data, what if they want to use this? We can actually sell this product to them. It's cost friendly, and if they would want to make any changes in their data, they won't require us. So, it's one time save. In this way we are not just helping our company to manage the data but infact we could do this at the market level.

1. The major issue this dashboard has solved is to plan the Range for the coming season. Even using this dashboard we have prepared the Range of SS'22 HIT 2.
2. Reduction of Stress, Time and lot of paperwork.
3. Due to its dynamic nature it has surpassed the level of Manthan type static dashboard for which company have a paid subscription.



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Industry Mentor: Ms. Parul Vashist
Organisation: Hopnob Pvt. Ltd.
Location of Organisation: Gurgaon

Placed in: Hopnob

PROJECT TITLE:

Developed the application interface of a personalized Digital wardrobe app.

OBJECTIVE:

By this project the objective is to provide Indian consumers a one-stop platform to digitise their wardrobe, create personalized outfits and manage their style. The aim is to change the way consumer's interact with their daily clothing

ANALYSIS DONE:

1.The project has been analysed at it's different stages.
Research phase - Solution validation in PIS format.
2. Development phase - User testing and SWOT Analysis of the application and its interface."

BACKGROUND OF PROJECT:

18 minutes on an average is spent per day on just thinking (not even act upon) "what do I wear today?". Also 70% of the clothes owned are not worn by most of the consumers. This big dilemma of the consumers led us to find a solution for the them to sustainably manage, and consume their wardrobe to the fullest.

METHODOLOGY USED:

The project encompasses the following methodology:

1. Defining the problem - Lack of personalized wardrobe suggestions, no handy information on existing clothing and lack of wardrobe management tools. Determining a solution - a digital wardrobe management app.
2. Extensive primary and secondary research on the problem and solution validation
3. Evaluating the competition landscape of the company.
4. Strategying a social-commerce plan for pre-launch - finding the beta-testing consumers for the app.
3. Creating a seamless yet engaging user experience for the app - Ideation, UX research, information architecture, wire-framing and creating mockups.
4. Building the application interface prototype.
5. User testing and evaluation using SWOT analysis.

CONCLUSION:

The project covers different aspects of the development of a new product for the market. It encompasses extensive research which is crucial for for the early stage development of a new product. Competition analysis of the company for the development of its business plan. Leveraging social commerce plan for pre-launch. The product prototype generation for testing with beta-consumers.



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Placed in: KS knitfabs

PROJECT TITLE:

Product gap analysis of men's wear at Max fashion.

OBJECTIVE:

To know the product and price ranges of its competitor.

ANALYSIS DONE:

Analysis is done by me is : Max has more options for AOP polo t shirts than of westside and trends. Max provides more price range options for track pants and joggers than westside Max provide Henley neck t-shirts while westside does not have that.

BACKGROUND OF PROJECT:

Collected the data of different products and price ranges of the different brands and identifying the difference between them.

METHODOLOGY USED:

collected the data of product and price by visiting different stores. find out the differences between them.

CONCLUSION:

There is a gap between the product and price ranges of a different competitors of max fashion. Max should work on the gaps which was found on the products.



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Location of Organisation: Bengaluru

Placed in: Landmark Group

PROJECT TITLE:

Introducing a new range of knee and elbow safety protective wear for Kids boys for AU-22 (2-8 years)

OBJECTIVE:

The project primarily aims to develop a knee and elbow safety top and bottom wear which will minimise the impact of the fall thus reducing the seriousness of the injury, for kids aged between 0 to 8 years.

ANALYSIS DONE:

Consumer survey will be analysed and quantifiable data will be obtained. Market survey is done and analysis is done for the same.

BACKGROUND OF PROJECT:

Falling is a normal part of the way a child develops – learning to walk, climb, run, jump and explore the physical environment. Slips and falls are a normal part of a child's development. For instance, when a child is learning to walk, stumbling is part of the process. Falls are of consequence and most children fall many times in their lives which leads to few cuts and bruises. Non-fatal falls represent a significant burden on health care facilities around the world. Children younger than five represent the age group with the largest proportion of visits which is around 1.2 million emergency room visits each year due to falls and hence this increases the demand that prevention of fall-related injuries become a vital focus of child safety efforts worldwide.

METHODOLOGY USED:

For qualitative study, Personal Interviews and Online Google form consumer survey with parents having a kid aged between 0-8 years. For quantitative research, Market survey will be done. For Experimental Study, the development of a knee safety and elbow safety top and bottom wear. Further, wear trials will be conducted to test their effectiveness and thus to have insights about the same.

CONCLUSION:

The garments comes with inbuilt knee and elbow pad which will minimise the impact of the fall thus reducing the seriousness of the injury, for boys aged between 2 to 8 years. This is done in both woven and knitted fabric both. A fashion element that is applique on the knee part has been incorporated to make the garment more commercial in the retail market.



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Organisation: Future Lifestyle Fashions (FLF)

Location of Organisation: Mumbai

Placed in: Classic Fashion

PROJECT TITLE:

Establishing a Sample Tracking Process via a Web-based Application for Effective Internal Communication

OBJECTIVE:

1.Improving the internal effective communication level. 2.Identifying the key areas for improving the buyer-factory communication gap. 3. To install a globally accessible web-based application for managing the samples and their tracking process.

ANALYSIS DONE:

The solution was a sample tracking process that can show the present status of any sample on a cloud-based application which can also be accessed on the respective mobile phones of all the employees.

BACKGROUND OF PROJECT:

To increase the transparency and internal communication of the organization by establishing a web-based sample tracking process.

METHODOLOGY USED:

1.The research is followed by a qualitative and quantitative collection of data. 2. The primary data collection is the methodological approach used as the application development is involved. 3.The analysis part of the project is qualitative as well as quantitative in nature. 4. To establish the validity of the research outcome T-test is done, further rejecting the null hypothesis.

CONCLUSION:

Sample Tracker is a user-friendly, multi-platform web-based application that has been shown to be effective in the sample tracking process. For any sample preparation process, the results revealed a significant reduction in communication time. The application's USP is its ease of use and accessibility. Vendors, buyers, and technical staff can view critical information at their fingertips and at any time using a smartphone web accessibility application. Since, the role can be completed in less than four steps, the application requires the least amount of training. Also, The organization's database management problem has been largely resolved.



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Location of Organisation: Jaipur

Placed in: Cheer Sagar

PROJECT TITLE:

Elimination of non value added activities in cutting department

OBJECTIVE:

Cutting cost is decrease. Develop of new SOP in cutting department. Work flow of cutting department. Time study of cutting Department. Identify of non value added activities. Solution for elimination of non value added activities. Development of new SOP in cutting department.

ANALYSIS DONE:

First I have observe work process of cutting department after that I have done time study of cutting department then I have defined non value added activities. After that we have solved non value added activities with different technics.

BACKGROUND OF PROJECT:

In CHEER SAGAR Cutting section activities are facing different problem like low productivity, longer production lead time, high rework and rejection and high non value added work etc. In this project, this different problem are identified by using numerous effective production tools like process analysis, layout of work station, motion and time study, work standardization etc. I am trying to improve the production of cutting section by implementing different tools, results observed were highly encouraging. But we have to realize that the production of sewing section is indirectly depends on cutting department. In another way, Generally in an industry more focus is given on profit. Though there are different costs involved in cost reduction internally spent by an industry through finding wastages, preventing and correcting defective work would result in huge savings. Value added activities focus on any activity that customer is willing to pay for. Non value added activities describe that the

METHODOLOGY USED:

Understanding the current situation and working of the department by observation and discussions with cutting incharge. Identifying the non value added activities in the cutting department by viewing past years and current situation. Choosing a tentative project area on the basis of time and resources available. Setting up objective and sub objective for the project. Carrying secondary data absorb with respect to the objective by analysis of time study. Deriving the methodology for each objective with the analysis of secondary data. Gathering primary data from past years collections and present data interviewing the team members of the brand. Process the data for the project using various tools time study, interviews, cause and effect, brainstorming, group discussions and data analysis. Develop the changes and take feedback from the persons who would use the method and do changes if required. Finalize and standardize the rectified method.

CONCLUSION:

It was observed that time was saved and cost related to time was utilized properly (reduced by eliminating non-value added activities). The study clearly indicates that by eliminating non-value added activities in the cutting section time as well as cost are saved and also improves internal throughput time. So, wholehearted efforts from root level to top level personnel are highly expected to reduce non value added activities in the cutting section.



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Organisation: Future lifestyle (Central mall)

Location of Organisation: Bengaluru

PROJECT TITLE:

Product development and introducing a new product line of MaternityWear

OBJECTIVE:

To create functional garments that will solve the problem faced by women during pregnancy and post pregnancy like lactic mark. To provide maternity wear in retail stores for easy access of customers.

ANALYSIS DONE:

Fit issues faced by the consumers due to unavailability of trail during purchase. Problem of milk stain in garment faced by breastfeeding mother that cause uncomfortable

BACKGROUND OF PROJECT:

My project revolves around development of maternity fashion, keeping in mind that there is a dearth of fashionable functional styles for to-be mothers, during and post their pregnancy. It is about presenting to them a range of easy, effortless fashion that resonates with their changing self-image. With breastfeeding fastenings, adjustable sizing for the body of the mother, the aim is to give her a garment that has aesthetic appeal along with addressing functional needs. The modern Indian woman wishes for something that is elegant and comfortable. She also wants something that's long-lasting. I see the lack of maternity fashion as a social problem. It reflects the attitudes society has for women and how it takes control over her choices and the ways in which she should present herself. Society now needs to grow and respect women in this stage of motherhood and start recognising her need for aesthetic style- one that reflects her changing attitude, expectations and desires.

METHODOLOGY USED:

Secondary research To know market growth, market gap, competition on market. Primary research: To analyse the consumer perception and know the market demand.

CONCLUSION:

My project is solve the problem of a woman the faced during pregnancy and post pregnancy. For that I introduce a maternity line in bare brand under Central mall so that the consumers easily get access to the product and don't face fitting issues size issues , quality issues.



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Location of Organisation: Bengaluru

Placed in: Tales and stories

PROJECT TITLE:

Market Research and Style Drop Analysis for SS'23 Range Plan

OBJECTIVE:

To plan an efficient range plan for SS'23 sportstyle by carrying out market research & style drop analysis.

ANALYSIS DONE:

This research is done on the range plan for the upcoming season of PUMA Sportstyle business units. There are several aspects have taken in considered for working on range plan. Market research, Competitive analysis, Consumer behavior & Trend analysis. This report also brings an overview of the style drop for the past season that we collected data & analyze it to see the what are main various causes and try to figure out them to provide better suggestions to reduce it.

BACKGROUND OF PROJECT:

In today's competitive market, there is an added pressure on brands to stay in trend and create the customer centric products at affordable price while keeping in mind about the consumer demands.

METHODOLOGY USED:

To carry out this research, both primary data and secondary data are required. Primary data will be collected from survey and secondary data will be obtained from company's internal records for last season. Since, the customer base of Puma is not just sportsmen, therefore consumer profiles will be created for different types of consumers that Puma has. This will help us in planning a range that can cater to all types of consumers and is not just limited to a particular category. Also, the data will be further divided region wise to figure out what kind of product specifications are preferred in different regions of India. Secondary data collected from company's records will help us to analyze our own products and what exactly went wrong behind a product being dropped or not getting enough orders for that season. This can be used to change designs, materials, production techniques and colorways so that the orders can be increased for the next season. Also, secondary data will be utilized to perform style drop analysis for past 4 seasons and a product will be picked accordingly for detailed analysis based on its technical as well as design aspects.

CONCLUSION:

For today's business of a retail, it very important to focus on right strategy to get right developed product according to the consumer needs. 'Range Planning' is the key of most things which helps to categorize each product category and its sales target. Through the consumer survey we get a fair understandings of the India market and their preferences and hence Puma sportstyle will target its consumer need by analysis to select right product. Through analysis of previous collection the style drop also plays an important role to decide upcoming range and factors to reduce drop rate.



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Location of Organisation: Gurgaon

Placed in: Blackberrys Menswear

PROJECT TITLE:

To improve Buying and Merchandising efficiency identifying the changing trends using association rule mining

OBJECTIVE:

The main objective of the project is to identify co-relation between items so as to increase the profitability of the business.

ANALYSIS DONE:

1. Collection of data for various channels such as EBO(Exclusive Brand Outlet), FOFO(Franchise Owned Franchise Operated) and E-commerce for FY'21.
2. Finding all the single Billings for category, channel and store level.
3. Generated insights from the data to find the top best combinations.

BACKGROUND OF PROJECT:

To reduce the single Billings and increase the basket size at store/category level. Pushing stores to help them achieve Targets by identifying the special combinations. Finding trends of categories using association rule mining.

METHODOLOGY USED:

The methodology for the problem statement is Quantitative Research. The stages so followed are: 1. Descriptive Market Basket Analysis - Insights from past Data. 2. Predictive Market Basket Analysis - Essentially aims to mimic the market to analyse what causes what to happen. 3. Differential Market Basket Analysis - Compared purchase history between stores, between seasons and between two time periods.

CONCLUSION:

The following are the outcome of the project: 1. Single Billings were highest for all categories for which promotional strategies were changed. 2. All the top 5 combinations are taken into consideration for next Season Buy. 3. The gap of around 23 crores for a FY was identified by taking only 4 top combinations. 4. Different patterns were observed for category combinations at store and channel level.



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Location of Organisation: Kanakapura, Bengaluru

Placed in: Laguna clothing LLP

PROJECT TITLE:

To reduce the duplicacy or error & efficient allocation of work

OBJECTIVE:

This project is to create a website which will create manning sheets. To get operators detail easily and in such a way that it will be convenient to access the proper and updated records. Idea is to achieve the aim of creating smart factory.

ANALYSIS DONE:

Moreover, Apparel Manufacturing industry is labour intensive industry. About 35% of a Garment's cost includes Labour cost. So, to maximize the profit we have to utilize the manpower factor to the best which will increase the productivity and also reduce the cost. Furthermore, most of the Indian factory don't have skill matrix owing to the high-level turnover. These results in setting up a line every day based on the operator's attendance which resultant waste a lot of time. This is one of the main reasons for the loss of output in apparel manufacturing companies. This project is an attempt to eliminate the time loss (output loss) which occurs while balancing the line and set-up the line within few minutes.

BACKGROUND OF PROJECT:

These are some problem which I identified while I was doing my apparel internship at Laguna Clothing LLP, Kanakpura, Bangalore. 1.Duplicacy while making manning sheet.2.Manual errors in reports generation.3.Unidentified skill gap.4.No proper utilization of operators.5.Not getting enough time to fulfill skill gaps.6.No transparency (Dispute between operators, supervisor and management) Idea is to create a website which will have solutions for above mentioned problems of factory production unit.

METHODOLOGY USED:

Secondary data collection Primary data collection Problem identification Brain storming (Cause and effect Diagram & why why analysis) Providing the solution .I collected the sewing data from the factory, then I used personally analyzed the whole floor scenario and identified the root cause. I have done root cause analysis and made fish bone diagram for the same. After that I decided to make the manual data totally digital by creating a website which aims to make fully digitalized line balancing (allocating worker). Laguna already focusing on making the factory smart and it also few cloud based system are already installed in their factories i.e. Optacut, TNA (Time&Action Calendar) and Optafloor. My project is also aiming to add some AI techniques in the factory and help it in making a smart factory.

CONCLUSION:

Laguna has an IT team which is continuously working on creating smart factory, number of experiments are done simultaneously to achieve its goal. My project is also a part of making Laguna a smart factory. Also, using web development and artificial intelligence in my project so that it make the manual work like line balancing and preparation of manning sheet digital. This project has some limitation for now, as it is a prototype website and is running on local host.



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Location of Organisation: New Delhi

Placed in: Laguna Clothing

PROJECT TITLE:

Standardising the replenishment process to reduce manual intervention to miniscule.

OBJECTIVE:

Standardizing the replenishment quantity which is in accordance with the stores potential to sell the product Which would-Minimize out-of-socks.Minimize store transfer costs by making sure that each store has its own profitable replenishment plan. Reduce unnecessary markdowns

ANALYSIS DONE:

I performed correlation analysis on various factors to understand their impact on the sales of a product.Followed by a calculation to find average sales quantity per week for all the stores, to find the standardized depth that can be allocated to the stores.

BACKGROUND OF PROJECT:

The process of store replenishment was majorly performed manually by the planning department, which consumed a lot of time was was not very reliable as a general quantity was allocated to every store. The project aimed to standardize the quantity of replenishment based on various factors for each of the store separately, and further integrate it with the ARS software.

METHODOLOGY USED:

- 1- Company overview and determining research scope and purpose
- 2- Literature review and data collection
- 3- Develop analysis framework and Calculations
- 4- Project Implementation and evaluation

CONCLUSION:

The replenishment was optimized at an SKU / store level, avoiding the chances of stock-outs.The calculation was integrated with the existing ARS system to make the process more optimum.



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Location of Organisation: Bengaluru

PROJECT TITLE:

Fit standarization of woven bottom & product development of covertible jeans for boys-kidswear section.

OBJECTIVE:

To reduce customer complaints regarding fit in denim bottom of kids & devloping a cargo pant which can wear as shorts as well as pants.

ANALYSIS DONE:

Market Survey & Trend Analysis
Consumer survey- via stores & google forms Important parameters of Fit & its importance Making budget friendly product for consumers-how to reduce cost.

BACKGROUND OF PROJECT:

The convertible pants relates to a novel construction for trousers which are convertible from long to short modes of wear and visa versa.Brands like Pantaloons, Indian Terrain, Point Cove are selling these type of pants. For denim bottom (kids 2-8), which are basic one have very less sale rate as compare to essential one. The main reason is fit. Customer did complaints regarding fit. So, fit improvement is needed.

METHODOLOGY USED:

For Slim Fit & Regular Fit
Market Survey & Consumer Survey- Denim bottom fit analysis in competitor brands-Understanding own process- Bringing samples from benchmark brands (Zudio, Relience Trends)- Submitting techpack to technician for prespec sheet- Comparing measurments of Denim bottom (zudio, Easybuy, Relience trends)-Creating new measurment sheet for slim & Regular Fit-Submission of techpack to vendor for making slim & regular fit-Fit Trials & Measurment Checking.Convertible Jeans(8-9 yrs boys)-Background study on convertible jeans & study on conertible jeans manufactured by other brands-design & Pattern Devlopment- Submit Techpack to vendor- Product devlopment & Costing- Fit trails & Kids Review

CONCLUSION:

Slim fit and Regular fit styles are adding more options at subclass level.This will decrease in customer fit complaints as well as, more options for customers to explore bottomwear merchandise mix for kids boy's.Adding new product-convetible pants in term of options which in a result making EB more competitive among the market.



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Placed in: Saphead

PROJECT TITLE:

Redesigning Systems and Processes for Optimized Operations

OBJECTIVE:

Diagnostic audit of the manufacturing facility to understand all the processes from order to dispatch, for all the key buyers, in detail. Redesign the processes and systems aligning them with the Supply Chain requirements of their Key Customers. Well-defined internal and outsourcing SoPs based on client's Key Business Supply Chain requirements. Optimized Floor layouts to manage the client's business requirements.

ANALYSIS DONE:

This research is done on the diagnostic and planning of Satkartar group of clothing in terms of Product mix, Current department process & Sop: Overall, Factory layout, Current MIS report, Current Product cost, Current factory efficiency, Current Quality parameter, Production Assumption, Manpower calculation. This report also brings an overview of the factory planning, I collected data & analyze it to see the what are main various causes and try to figure out them to provide better solutions to reduce them.

BACKGROUND OF PROJECT:

Well defined time-based capacities of all the manufacturing departments. Daily reports across all the manufacturing departments to capture production as well as quality parameters. Industrial Engineering Department to continue preparing Operation Bulletins of all new styles/ developments to simplify/ optimize Production Processes and to define. departmental targets and SAM based Product cost.

METHODOLOGY USED:

Phase-1 Diagnostic & planning study of the factory which includes, All the processes from order receipt to final dispatch of the orders, including usage of existing ERP(enterprise resource planning) functions. Redesign the processes and systems covering all the departments, based on the Supply Chain requirements of the client, including the SoPs for outsourcing. Phase-2 Pre-training & Implementation which includes, Implementing the redesigned Layout. Implement the redesigned Processes and Systems, including the Redesign Quality Functions and SoPs for outsourcing. Implement Industrial Engineering functions, including Operation Bulletin of all the upcoming styles and Time-based targets across all the departments. Along with evaluating the feasibility of converting Manual Embroidery to Computerised Embroidery at the sampling stage. Phase-3 Follow up.

CONCLUSION:

The project Redesigning Systems and Processes for Optimized Operations aims to reduce the WIP, short shipment, inventory management, hanger shipment, material movement and SOP changes and organogram. After the implementation of the QR code changed SOP and changed factory layout all these problems have come into consideration. This brings well-defined Well-defined internal and outsourcing SoPs, Optimized Floor layouts to manage the client's business requirements, Daily reports across all the manufacturing departments to capture production as well as quality parameters, and changed floor layout solves the problem of hanger shipment.



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Location of Organisation: Bengaluru, Karnataka

Placed in: Landmark Group

PROJECT TITLE:

Setting Process Gap for QTM (Quick Turnaround Merchandise)

OBJECTIVE:

Primary:

To introduce new styles that are in demand to Roadster product portfolio by reducing lead time.

Secondary:

1. To find out the reasons for delays at pre-production stage.

2. To identify the gap areas and propose a solution for the same.

ANALYSIS DONE:

As an initial step, the study gives more focus on the thorough study on sourcing and merchandising processes and T&A of orders. Then the study moves towards analyzing and finding out the reasons and causes for the problem and aims at coming up with acceptable practical solutions and suggestions

BACKGROUND OF PROJECT:

Changing trends and demands of consumers rapidly as compared to previous years has evolved the need for this project as roadster also wants to contribute products that are trendy to the customer at a faster rate.

METHODOLOGY USED:

- a) Study the overall workflow process of the sourcing process
- b) Analyze the time delay process for order execution and also the gaps for QTM orders.
- c) Implementing optimized time and action plans in the processing of orders.
- d) To achieve a better optimum result by comparing actual and planned capacity and by improving the same
- e) Doing market research to identify top sellers of various brands
- e) Vendor Analysis (Selection & Finalisation)

CONCLUSION:

The end result of this project was to provide different styles and make them live on Myntra by analyzing gap areas of the QTM orders as well the delays in the lead time of pre-production activities in order to optimize the whole processes and hence putting out these styles in a shorter time frame.



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Placed in: Shahi

PROJECT TITLE:

Range & Product Development for B2B & Sustainable Backpack Development for B2C

OBJECTIVE:

"To identify and fulfill market gaps by developing new range of products

ANALYSIS DONE:

Different analysis done we're such as studying sales data, market analysis, taking survey from first hand users and then understand the responses, different types of materials used in backpack.

BACKGROUND OF PROJECT:

For B2B, the need was to develop a range of new backpacks which are specifically made according to the requirements of this segment. For B2C - Wildcraft didn't have any sustainable backpack but today sustainability is the future of our industry hence this project was done.

METHODOLOGY USED:

By studying the market gaps, sales data (with the help of Python), and material study then understand what products have done well in the past and then take elements from these backpacks and finally introduce a few existing and new features into the new developments.

CONCLUSION:

Combining and utilizing all of the research and studies, a new range of backpacks were developed for B2B segment and a new sustainable backpack was developed.



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Organisation: Modelama Exports Limited
Location of Organisation: Gurgaon

Placed in: Modelama Exports

PROJECT TITLE:

Implementing SMED for minimizing changeover time

OBJECTIVE:

The objective was to serve the purpose of standardization and implementation of SMED resulting the quick style changeover.

ANALYSIS DONE:

In this phase, a total of 7 style changeovers studied in the factory. The Time recorded will be under the following fields for each workstation during the changeover period. Operation/Workstation Time In Time Out Duration Setup Time Waiting Time Extra Time.

BACKGROUND OF PROJECT:

The women's wear unit of Modelama Pvt. Ltd. Gurgaon has 990 machines running in around 30 production lines. The style change-over takes place after every 10-15 days. There is a need to collect this data of style changeover and identify the bottleneck areas during style changeover and devising methodologies to improve upon them as it involves a lot of hidden cost.

METHODOLOGY USED:

Define-This phase is all about defining the objectives, the scope, the areas to be worked on and the goals of the project. Measure-The main objective of this phase is to measure the following: - Changeover time & Breakup of the changeover time. Analyse-This analysis phase is to analyse the internal and external activities and converting the internal activities (as much as possible) to external activities. Implement-Implementation of the different reports and process. Checklists, Process Machine Plan Segregation Control-Recording the Changeover time after implementation and again find out the gaps for improvement.

CONCLUSION:

"This Project has extracted an overall scenario of the cutting, sewing section of Modelama export Pvt. Ltd. in the context of productivity, quality, waste as well as effectiveness, efficiency. The improvement of any manufacturing organization depends on various issues such as waste minimization, productivity improvement, quality management as well as labour efficiency, resource utilization etc Before this analysis various types of wastes were identified and the reasons behind all these wastes have been analysed. The analysis shows that in most of the time human resource is responsible for the creation of waste. Single Minute Exchange of Die Method becomes blessing in changeover method. After implementing SMED waste reduce 3 Hours to 4 hours, which is almost 30%-40% percent decrease in the changeover time."



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Location of Organisation: Mumbai

Placed in: ABFRL - Pantaloons

PROJECT TITLE:

Vendor Evaluation and Ranking for Kid's Western Wear

OBJECTIVE:

To establish a vendor evaluation system for Pantaloons Junior brand.

To identify the KPIs for vendor evaluation and to evaluate and rate them on the basis of KPIs identified.

ANALYSIS DONE:

1. Primary and secondary data collected and analyzed.
2. Comparative analysis for each vendor based on various parameters are performed.
3. A set of vendor was evaluated for with respect to a set of criteria using weightage method.
4. Comparative analysis was performed based on the total weightage, and rating for each vendor was allocated.

BACKGROUND OF PROJECT:

One of the biggest challenges of vendor's evaluation is considered to be criteria selection. This issue is considered to be significantly important because criteria used in the evaluation process depend from industry to industry. Pantaloons junior brand follows parameters like quality, cost, accurate delivery, etc. for the evaluation of their vendor's performance. Therefore, this project aims to find that how their vendors perform on those parameters.

METHODOLOGY USED:

1. Secondary Research - Review of Literature
2. Identification of KPIs after discussion with merchandisers
3. Formulation of audit form and scoring criteria for primary data collection with merchandisers.
4. Primary data collection by auditing past order records
5. Assignment of weightage to the KPI's
6. Formulation of Vendor evaluation framework using MS Excel
7. Calculation of scores and evaluation of vendors using the vendor evaluation framework
8. Analysis of the vendors using the results
9. Preparation of feedback reports for the vendor

CONCLUSION:

1. Through this study, a more structured and organized process of evaluating vendors was developed.
2. The rating of vendors based on the various criterions and sub-criterions was formed.
3. The strengths and weaknesses of the vendors were highlighted and conveyed to them by means of feedback form.
4. Vendor B has performed very good and scored the highest compared to rest of the vendors.
5. Vendor G had lowest score compared to other vendors and should improve its performance in terms of delivery and costing.
6. Vendor D has performed almost equally compared to vendor I & G.



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