## Impact of coronavirus outbreak on Indian textile sector

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## Abstract

According to WHO coronavirus tracker, the novel virus COVID-19 has spread to an unprecedented 216 countries and territories as of March 27, 2020. The world is grappling with uncertainties and several countries have imposed restrictions that would severely affect the economic activities not just for now, but also for a prolonged period.

After agriculture, textile sector is on the second rank. This sector is one of the oldest and it has accorded a big amount to the national economy, it gives about 15% of production value-addition, and about one third of our gross export earnings, it also serves employment to millions of people. It is a unique sector in this country. One of the finest and earliest that came into presence in India, it produces around 15% of total industrial production and contributes to 30% of exports and it is the second largest sector serving employment to Indian citizen after agriculture sector. Textile industry serves the most common requirement of citizens and of great importance, developing day-by-day and enhancing quality of Indian people. However, because of this Covid-19, this sector is at risk. The production, turnover, employment, export, everything has come down and it is very difficult to predict when things will revive in Indian textile sector. This paper is an analysis of the impact of Covid-19 on Indian Textile Sector.

Keywords: Covid-19, Indian textile sector, Production, Exports, Imports.

## Introduction

From several centuries, the India's textile part is probably the most established industry in the Indian economy. Indian textile and apparel exports remained at US\$ 38.70 billion in Financial Year 2019 and it is highly endorsed to gain an increment to US\$ 82 billion by Financial Year 2021 from US\$ 22.95 billion in Financial Year 2020 until November 2019.

The India's textiles industry has a large variety of sectors like the hand-spun and hand-woven materials areas. Capital escalated complex plants segment is additionally one of them. The weaving machines/and sewing part shapes a huge segment of the material division. India's material industry has a nearby linkage to agribusiness (for crude materials, for example, cotton) and the antiquated culture and conventions of the nation, which makes it unique as compared to other industries of the country. It can also produce a large variety of products, which is suitable to the different market segments, both locally and globally.

It is the biggest single industry in India and among the greatest enterprises on the planet, which represent about 20% of the all-out modern creation giving direct work to around 20 million individuals. Both, the material and dress exports represent 33% of the all-out estimation of fares from the nation, which boost the GDP. There are 1,227 textile mills in the country with a spinning capacity of about 29 million spindles. Yarn and fibers are produced in different places, like while the threads are manufactured in industries, appearance or graphics are generally done in power loom divisions. Cotton is the crude material on which Indian textile industries are effectively dependent, about 65% of total raw material used by individuals is cotton itself. Nearly, 12.8billion meter (close to 42 billion ft.) of cotton fabric is produced in India per year.

The second rank is given to the production of jute items (1.1 million metric tons). Material is probably the most established industry, which has a considerable nearness in the national economy, the explanation being that it adds to around 14 per cent of assembling esteem option, represents around 33% of our gross fare profit and gives productive work to a large number of individuals. Which is a very big thing in a developing country like India. This includes cotton and jute cultivators, craftsmen and weavers who are occupied with the sorted out just as decentralized and family areas spread over the whole nation India.

### Market size

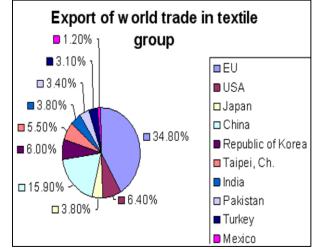
Textile industry in India has 1200 small, medium and largescale textile mills operating in India. Mostly (about 20%) of them are located in Tamilnadu. The industry has 34 million cotton textile spindles for manufacturing cotton yarn which account for 70% of India's textile exports (China has 40 million cotton spindles). Of the Indian yarn exports, almost 80 percent come from coarser yarns (counts below 40's). Consequently, there is a need to upgrade the technology.

Small-scale units with facilities like dyeing, processing and finishing are done by the domestic knitting industry. These industries are mainly concentrated at places like Ludhiyana (Punjab), Tirpur (Tamilnadu) etc. Approximately 60% of India's total knitwear exports are produced in Tirpur. Knitted garment account for almost 32 percent of all exported garment. The majority of shares are contributed by Arun Processor, Nahar Spinning and Jersey India.

Indian Textile has around US\$ 150 billion, which will increase to US\$ 250 billion by 2019. In the year of 2019 textile industry contributed 2% to India's GDP and 7% of industries output (in value terms to India's GDP and it also serves employment to over 45 million people in Financial Year 2018-19. The textile Industry has accorded a total of 15% of exports from India in Financial Year 2018-19.

Industry has 4.5 crore workers in this sector including 35.22 lakh workers in handloom industry all over the world. Raw cotton production in India is estimated to reach 33.7 million bales in FY19.

Table 1: (Exports of textile products worldwide in year 2003	Table 1:	(Exports	of textile r	products	worldwide in	vear 2003
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Reference: https://www.fibre2fashion.com/industry-article/2363/indian-textile-industry-an-overview

This pie chart depicts the export of textile products to various countries worldwide and percentage of exports to eachcountries.

### Effects of corona virus on textile

Many Garment factories in China stopped working due to covid-19, adversely affecting export of fabric, yarn, other material from India. Due to this disruption it will slow down the cotton yarn export by 50 per cent, which will have impact on spinning miles in India. Due to this lockdown it will affect the running of services and products hence textile industry will be effected and adverselly effects in intrest to the financial instituions. This consition will effect heavily in demand from the growers ( cotton farmers ) who already have been witnessing lowered rates and incofident that prices may fall again if crisis continued.

A big disadvantage of India against other Asian countries like Pakistan, Bangladesh and Indonesia is is that duty free access to China export of cotton yarn. On other side, the crisis continues in China will affect all industries where China is a major exporter.

Table 2: Share of US imports from several countries	,
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Country	Share of US Imports (percent)	
China	40.00	
Vietnam	14.20	
Bangladesh	7.10	
Indonesia	4.00	
India	4.00	
Cambodia	3.80	
Honduras	3.70	

Mexico 2.90			
80 percent apparel products comes			
	from 8 countries		
Reference: https://www.fibre2fashion.com/industry-article/8646/impacts-			

of-covid-19-on-us-textile-clothing-industry

Table showing the effect of Share of US Imports (percent) in different countries.

Industry constitutes 4% of global market. This Industry is largest and important part of India's economy in terms of employment and foreign exchange. It contributes 2% GDP and 15% of international trade earning. Corona crisis brought adverse situation in many areas like.

## Human resource and employment

This sector serves opportunity and employees over 45 million Indian citizens but corona crisis has snatched employment from many daily wageworkers. Daily wageworkers who came from different parts of the country work in Surat's Industrial sectors like textile, construction industry and wellknown Surat's diamond industry are left with no food, unemployed and with no shelter due to corona crisis. Within a few hours, they found themselves unemployed after Prime Minster Narendra Modi announced the complete lockdown across the country for 21 days. Little did these workers know that the Janata curfew would extend for so long that they'd lose their livelihoods. Most decided to rush back to their native villages, their safe havens. But by then, inter-state and intra-state public transport in most states had stopped. Railways too had stopped trains from running. With little or no time in hand, migrant workers either started walking to their homes or were left stranded in the city. The situation with those working in the diamond, textile and construction industry in Surat is similar. While those who work in the diamond industry managed to load themselves in trucks and leave for their native village in Gujarat's Saurashtra, thousands of textile and construction workers who are from Uttar Pradesh, Madhya Pradesh, Rajasthan and other states were left stranded because they could not cross the sealed state borders. In fact, a few who tried to cross the border on foot were sent back.

20% of the workers in the entire industry have left for their hometowns. 'They just left however they could manage. Some of them walked the entire distance and some in their bikes. "The smaller units (diamond factories) could not credit salaries to the workers due to the immediate lockdown. They could not clear workers' payments or make any arrangement for the survival of diamond workers. Concern is as to how the diamond industry will function once the lockdown ends because the workers will not be able to return immediately. Points is that diamonds are a luxurious commodity and people will not be keen on buying them in such times, affecting the entire industry. It us advised to pay the workers so that they stay in the city and can resume work immediately.

Journal of Management Research and Analysis, April-June, 2020;7(2):76-83

# Import and export of readymade garments and raw material during Covid-19

The corona crisis has affected severely on international trade and next stage effect on local markets with both international trade and diminishing local market generating lower revenue. This crisis has adversely affected the majority of India's international trade markets causing order cancellation leading to inventory buildup and expectation of slower realization of export receivables leading to higher working capital requirements. Apparel export is estimated to fall in last quarter of FY20, working capital issues and lack of clarity. Apparel export is estimated to fall in last guarter of FY20, working capital issues and lack of clarity. There will be a significant decrease in the outfit and clothing exports. The major reason for this is the drying up of stocks in last 4 months in FY20.Not only there is an impact on the export, but the sale within the country has also been affected largely. Working capital issues and lack of clarity on the duties and incentives especially when exporters from Bangladesh, Sri Lanka and Vietnam receive preferential access can also add explanation to the matter.

Additionally, domestic consumption is also getting impacted due to all India closure. New store openings have stopped in major fashion cities like Mumbai and since no new movies are produced in the recent months, the sale has further decreased. Eventually, no one likes to buy summer season collection in an autumn season due to which the sale of the product will be very difficult after the fashion of the product goes away. If some of the exporters sell their products inside India at a very low rate, the domestic local shop vendors will be in a great trouble, as people will tend to buy these products.

## **Cash flow constraints**

Textile sector is already in a loss due to decrease in the export. Moreover, if the imports become cheap, there will be a greater threat to their products.

## Supply chain disruption

There has been a huge impact not only on the imports but also on the exports. So, any action taken by the garment manufacturers should ensure profit and not loss keeping the current situation of the market in mind.

## **Consumer Sentiment**

If corona impact continues and there is no improvement in the trade due to complete or partial lockdown, the consumers will also not buy the products if they lose their jobs. Moreover, many people also have salary cut which is not letting them shop properly. People will not want to visit the shops and malls as they will be worried about social distancing. They will not want to roam and buy products since there will be a huge chance of a lot of crowd. They will any day worry about their heath instead of fashion.

The Confederation of Indian Textile Industry (CITI) has requested the government to give some benefit in the form of relief package so that there can be a better chance of recovery. This is because post Covid, the migrants and labours also have a huge impact on the same. The chain of the impact is not stopping. As fashion is directly linked with textile industry, a decline in fashion will result in a decline in textile industry.

Table 3: Opportunity for several sectors in India

<b>Opportunity</b> <b>For India</b> <b>Global buyers of</b> textiles, homeware, lifestyle goods, ceramic tiles looking for Indian products <b>Replacement buying</b> enquiries from US, EU	Leather footwear cos dependent on Chinese components Supply chain disruptions to hit India Vietnam, Cambodia compete in replacement buys space Limited production capacity in India
	Source: Economic Time
Figure 6: With China suffering through the a can grab this opportunity to turn the work companies can use advantages like lower la of skills, and knowledge of developing com just assembling). The Indian market can acc	d manufacturers into their market. Indian bour costs (one-third of China, availability ponents to enable manufacturing and not

Reference:

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Table depicts the opportunity for several sectors like textile, homeware and others to grow. One crore people have lost their job and government is not acknowledged about it.

### Measures by Factories

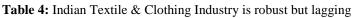
A large number of industries have fired about 50% of the employees as they are not having enough funds to pay to their employees. This is not just at the low level, but even at the higher levels. They are also not able to call all their employees to the factories and jobs which can be regarded as one of the reasons they are firing people.

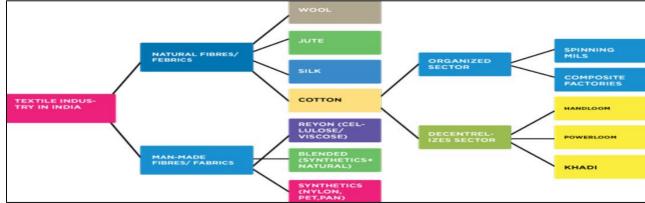
Three important steps nowadays are:

1. Temperature measurement

- 2. Mandatory hand wash of workers upon entry and exit
- 3. Distribution of PPE material are also being carried out by some factories.

Concerns were raised among factory owners about the nature of the garment operational structure. Maintaining social distancing in a factory setting is proving to be difficult for many factories as the operational structure of production lines require a certain level of proximity among each machinery line.





Reference: https://www.bing.com/images/search?view=detailV2&ccid=jltb72qe&id=84557191D2DBF60B998EE3348C1FF68D1593D7D0&thid=OIP.jltb72qeVvsI8X2gkUkcgHaEh&mediaurl=http%3a%2f%2fwww.textiletoday.com.bd%2fwpcontent%2fuploads%2f2017%2f03%2fimage22.jpg&exph=427&expw=700&q=effect+of+covid19+on+textile+industry+of+india&simid=607989625939624891&ck=7C35DC812373233634BFE9F88F4DFE32&selectedIndex=224&ajaxhist=0

Table depicts various products of textile industry in India which is robust but its lagging from countries like china in terms of technological advancements.

## Challenges

Famous fashion brands like Gucci and Zara are getting affected dur to the crisis. Some brands have reached to such a point where they have to close down their factories. Similarly, prior to the webinar meeting, the ILO Siraye program conducted a digital survey to assess the impact of COVID-19 on factory operational activity. Preliminary findings highlights that;

- 1. The average reported capacity utilization rate decreased by 30% in quarter 1 2020 relative to the same period in 2019;
- 2. 54% of the factories surveyed expect a decrease of their revenues by 20% in 2020;
- 3. Factories have already reduced the working hours for employees in response to production slowdowns, concerned about employee retention;
- 4. 58% of manufacturers are willing to re-purpose production towards Covid-19 response goods (facemasks, towels, bed linen, and patient gowns). They will need support on sourcing of machinery, raw materials, foreign exchange and training workers, etc.

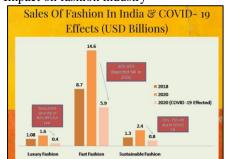
Getting adequate work force for the production is major challenge for textile Industry. 50% or more than 50 % companies in some cases have come to a point where they are no longer functional. However, some are hoping that they will recover until June. **Table 5:** Coronavirus pandemic hit Indian industries in terms of both Export & Import



Reference: https://textilevaluechain.in/2020/04/01/impact-of-covid-19coronavirus-on-global-and-domestic-market-of-textile-and-fashionindustry/

Fig. depicts the trade deficit with china and various sectors hit by coronavirus pandemic.

### **Table 6:** Impact on fashion industry



Reference: https://www.iknockfashion.com/impact-on-psychology-of-fashion-after-covid-19/

This graph shows us the sales of fashion in India in USD before Covid-19 and after Covid-19.

Shailesh Chaturvedi, Chief Executive Officer and Managing Director, Tommy Hilfiger, Calvin Klein India, says, "Businesses would have to take care of both people and cash flows, at least until June."

As per report India's largest fashion body, the Fashion Design Council of India (FDCI) cancelled its entire event, which were to be organized in the month of March.

In spite of the fact that the association returned installments from the taking an interest planners and backers yet did not get any discount for the setting where the style show should happen. Paromita Banerjee, a style creator from Kolkata says, "The facts demonstrate that design doesn't fall under the class of basic wares, and yet, dress is one of the most noteworthy income generators since we need attire for different events, constantly. In any case, having said that, income will be low now and there will be less discretionary cashflow to spend on trivial or 'extravagant' things of dress." Banerjee says the FDCI has made a Covid-19 store to assist youthful fashioners with combatting and tide away this time to assist them with paying pay rates, overheads and so on. There has been bolster originating from Lakme Fashion Week coordinators IMG Reliance as well. "In my little manner, I am happy that my business and brand, for as far back as ten years, has been focusing on moderate design; style that has gone through the hand of various specialists before it at long last reaches the wearer. Design that has stood the trial of time and has become works of art after some time," says Banerjee. Nevertheless, fashioners accept what will endure these intense occasions is the attire extend that falls under the scope of maintainable and exemplary style. Since clients probably will not have additional money available to them, they will be constrained to shop more for things that last more, garments that they can reuse and those that become works of art in the closet. Sunita Shankar, a style architect from Delhi says, "There is a gigantic loss of requests for a season because of undoing of some huge occasions. Existing requests stand dropped or postponed installments postponed or conceded. With the shops and boutiques being shut there have been no deals. There is no income and there is a major liquidity crunch." The creators are confronting extra weight of paying pay rates to workers and skilled workers. There are no assets to continue producing, exchanging what's more, deals, and income is required for crude materials, service charges and expenses. The handloom and the craftsmanship segment have been the hardest hit. With the lockdown, the weaving and the artworks network are left with vulnerabilities and tensions.

The unexpected stop to their financial exercises has undermined their vocation. Shankar says, "Budgetary help is important, yet it is additionally an opportunity to think diversely while managing the circumstance and planning for what's to come. However money related guide is basic it might be recommended to buy supplied stock from craftspeople and weavers all together to persuade them to deliver more. The administration could start and bolster the deals of items and materials through limited time battles. Rahul Mehta, Chief Mentor of the Clothing Manufacturer Association of India says, "Right around 80 percent of the whole piece of clothing industry falls under the smaller scale segment. Along these lines, the effect is more in light of the fact that our individuals are inadequate with regards to assets to see them through the coming months." The Indian style and material industry give employment to numerous individuals—weavers, dyers, tailors, creators, exporters, crude material makers. Furthermore, the pandemic has disturbed the whole chain. Banerjee says, "My solitary wish from the govt, on the off chance that I set it forth plainly, is to help in battle this situation by giving us certain space into things that are heavily influenced by them. Furthermore, we will deal with the rest."

Gunjan Jain, material architect of name 'Vriksh' says, "Requests have been dropped, there is blocked stock of stock that we can't sell because of market breakdown driving us to weariness of running capital. Little endeavors are compelled to close down, prompting obligation. Handloom weavers and craftsmans have the upside of telecommuting yet there is no crude material accessible for them to proceed with work." Mehta says that it has been evaluated that if no assistance originates from the government by method of cash appropriation or by method of help bundle, there will be a tremendous loss of more than one crore employments in the entire material chain. He says, "I am not just alluding to the whole article of clothing industry in such a case that the piece of clothing industry shuts down then it will be the finish of the texture provider, the zipper, labels and name industry." However, on a positive note, Shankar specifies, "The current interference has allowed us the chance to reflect, reconsider and recalibrate both our way of life and work." This interruption ought to in a perfect world be advanced as hatching period where self- supporting networks and creators empower 'Handcrafted in India', 'Make in India', 'Purchase Indian and advance Indian'.

This can be a chance to outfit and improve the grieving aptitude, information and creation base of both handloom and handiwork segment. Shankar further includes, "The world post-Covid will be distinctive where the move will be to need and practical based articles of clothing the same number of would be telecommuting." With the world getting to an ever increasing extent digitalized, the high quality items increase both in esteem and in cash. Creators could deal with structures and develop inside the requirements of the current situation with both compassion and compassion toward both craftspeople and customers.

A new scope of materials, garments and created items could clear the future and in a state of harmony with the evolving way of life. "Need is to develop cooperative energies between craftspeople, weavers and creators, advancing inside requirements chipping away at an reasonable scope of apparel and items," says Shankar. Planners feel that the plan of action needs to change since the world will likely change after the pandemic gets over. One significant exercise learned is that the valid abundance of a country is its kin and their prosperity is instrumental in the development and improvement of the nation.

The market is not going to be full of shoppers but the one who'll still be shopping is the young consumers. The ones with job security will be spending more time online as they continue to work from home, which will further lead them to check out the new in fashion and influence their shopping. The fashion market is going to witness the young consumer in a higher ratio than the older ones. Once the lockdown is over, the pandemic's effect will stay in the consumerbehavior further leading the online purchases to flourish.

**Table 7:** Hindrances faced by textile industry



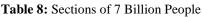
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This picture shows us the major problems faced by the textile industry.

## **Future of Textile Industry After Covid-19**

The world is in difficult times as Covid-19 has not left any part of the world. Many lives are lost as result of pandemic, other largest consequences faced by the world is downfall in economy. This economic crisis has affected many businesses around the world like travel, hospitality, hotels, bars etc. People working in agriculture will be affected due to pandemic situation around the world. Means billions of people are living in unknown future. This is the current situation currently ahead for the world.





Reference:https://www.google.co.in/url?sa=t&source=web&rct=j&url=http ://businessworld.in/amp/article/Covid-19-And-Textile-Industry/09-05-2020191637 & ved = 2ahUKEwjLvYnAzvHpAhUJwzgGHb8XCloQFjABegQIAxAB&usg = AOvVaw1D8r1i3eyn5KEQtXL25j35& ampcf = 1

This figure delineates the dissemination of 7 billion specialists occupied with various sectors. It comprises of 1.9 billion who are as well youthful from age (0-15) which comprise the most noteworthy in the sector. Second most noteworthy is 1.4 billion work in horticulture.

Purple- 400 million Enterprenurs Orange- 430 million Unemployed Yellow- 800 million works Industrial work Green- 1.4 billion works in Agriculture Light blue - 1.7 billion individuals working in administrations Blue- 1.9 billion (0-15) age gathering the large number

In post Covid-19 situation, the area is battling with its creation plan which has come to stop, on the other weight reimburse to bank is moreover disturbing. Indian material was assessed more than US\$100 billion in Jan 2020 i.e. the current year. It is the second-biggest business division, after farming, moreover, offers work to in excess of 45 million people clearly and 60 million people by suggestion, which makes an amazing masse in our country. The organizations consolidate creators, suppliers, wholesalers and exporters of Cotton Textiles, Handlooms, Woolen Textiles similarly as those busy with the gathering of material equipment and rigging, hues and rough materials, movement of finished materials, surfaces and garments.

Plants are significantly liable for the creation of yarn and surfaces are essentially conveyed in the Shuttle-less, weaving machines, loom and handloom divisions. The material business in an indirect manner contributed around 5 percent to GDP. The fragment contributed around 14% to the general Index of Industrial Production (IIP).

Understanding that the condition is deteriorating a result of finish of strip malls and retail showrooms, axiom is turning out to be well known which generally expresses that these days, material and clothing fragment is work and capital concentrated. Larger pieces of workers are transient labourers- they have now started to return to their neighborhood spots. With the total unsettling influence in work procedure and creation plan, the business is going up against its most observably terrible ever crisis. The world will change a lot after Covid-19.

For the material business is basic to recover the trust of the purchaser. Simply through cleaning, brands will have the choice to quicken recouping clients'. India should profit from this condition and present itself as a dependable decision to overhaul its material and attire conveys offer, to improve the situation. In addition, producers need to increase their inside limits and focus on building their efficiencies if they have to ascend as a prevalent decision than contenders like Bangladesh, They ought to in like manner join propelled course of action in the buying technique. They should similarly consider features other than the US and Europe, for instance, Japan and South Korea. The greatest moves in design have verifiably not originated from runway slants however followed occasions, for example, wars that disturb society for a gigantic scope, says Kimberly Chrisman-Campbell, a style student of history and creator of Worn on This Day: The Garments That Left a mark on the world. Their belongings swell through gracefully chains, the economy, social conduct, and every-day life, regularly quickening and normalizing changes effectively in progress. The interest for cleanliness will be expanding, which thusly implies that the material business likewise needs to remember this. No item whether its clothing wear or home textiles, the most stylish trend diva wear, weaved or woven, grown-ups or children, formal or easy going, should have inbuild Cleanliness inside it. This trust developing will be key with purchasers to recover business at the most punctual. Taking a shot at completes underneath during advancement and creation will unquestionably assist with working up trust with the buyer. Attire and home material Industry would concentrate on a mix of barely any focuses expressed underneath

- 1. Anti-microbial/Hostile to viral/Enemies of Microorganisms
- 2. Water anti-agents
- 3. Hydrophilic
- 4. Anti-smell, Hostile to Perspiring
- 5. Anti-pilling (to abstain from capturing of Microbial)
- 6. PU covered Denims
- 7. Soil discharge and barely any more

## Some Parameters to tackle situations for future

We must keep in mind that the future is not very far away. In order to take care of the situation that may be seen in the near future, some proposals need to be taken care of. These must be immediately implemented.

Pay Backing: This has been done to look at the unfavourable monetary aftermath of Covid-19 being one of the immediate methods taking the help of the government. Only UK has the model to pay its workers up-to 80% of their wages. It is observed that the organization has the financial ability to keep up with the jobs of different divisions. Lightening is the most important and required material. The range of 5000-7000 is used for giving direct sponsorship to each worker every month, the major reason being joblessness among labours. This will be a huge sign of relief. Even the workers can pay in installments.

GST Discount: This is the fastest method to make the maximum partners. This needs to discount GST installments to a certain extent or full for as long as a half year, covering almost the entire range of industry partners, directly from the handloom weavers in the remote pieces of the nation to the businesspeople and dealers in the now abandoned high boulevards. The segment explicit premise will allow GST discount rates to be selected based on the HSN codes. This is enrolled by sellers. Extraordinary Bundle of Motivators for the Fare segment: The fare area is probably going to be the most exceedingly awful hit, and will unquestionably lose further piece of the overall industry to rivalry from different

nations, most prominently China (which is as of now recuperating from the effect of the infection). The segment will require a prompt bundle of motivating forces, for example, Additional Obligation Downside on sends out made in the past Money related Year (since trades are probably going to be delayed in coming months), and clearly, a continuation of the equivalent to this Monetary Year.

## **Interest Subvention**

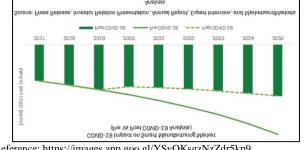
RBI has taken decision to reduce rate and this can be later hindered by an interesting subsidy scheme up to 1-2% which must be endorsed by the Ministry of Textile in every phase of loans provided by the sector has this has been done in past years under the TUFS (Technology Upgradation Fund Scheme).

GST must be at lower rate: After this crisis, the industry will be in critical situation to overcome this the govt. must cut down the GST rates in all the items related to textile industry until industry comes regain its normal condition. Summing up all may be to some degree financed by an adversary of neglecting commitment on Chinese material imports for the upcoming year. Additionally, recalling that it might fill in as a token measure, most perfect circumstance, it will obviously discover resounding among different in the comity of countries.

While this association has generally questioned segment unequivocal facilitating measures, it is advantageous seeing that material endeavours far and wide-intertwining those in ceaselessly made economies, for example, China, Belgium, and Italy-are among the most genuinely financed in their own nations as they are brilliant in their respective business. This is not powerfully obvious in India, where this sector has utilized a gigantic number of standard Indians since Selfsufficiency. The official himself tends to a popularity-based fragment that is one of India's driving material network centres - Benaras (Varanasi) - where countless gifted and unskilled experts depend. Indian material industry is creating a future in worldwide design cover advertise. The Coronavirus pandemic has influenced the material and style industry harshly. While the toll orders from the key marketsthe US and UK started to melt away since the beginning of the year, household deals were likewise severely hit by request drowsiness and conclusion of retail showrooms the nation over because of the lockdown. In any case, interruption isn't something new to the design business which needs to keep itself side by side with regularly changing customers tastes and inclinations. With face covers transforming into an indissoluble ornament, the material business is making a phenomenal spot for itself in the overall style cloak industry.

Journal of Management Research and Analysis, April-June, 2020;7(2):76-83

#### Table 9: Impact on Smart Manufacturing Market



Reference: https://images.app.goo.gl/YSvQKsgzNzZdr5kp9

This figure depicts about impacts on Manufacturing Market in different years.

Suddenly this (mask manufacturing) has come as a great opportunity for the industry as an alternate product offering, during this snapshot of emergency," Ram Bhatnagar, Vice President and Head - Sales, Raymond Ltd. said including, "no one could have ever envisioned about this section from a design point of view." Raymond, known for its excellent suiting and fabrics, is producing a suite of safety products, which includes disposable and reusable masks, PPEs and gloves under its 'Complete Care' initiative. Estimating the market size for masks at around 10,000-12,000 crore, Bhatnagar said a bulk of this market is going to be for fashion masks, while the remaining will comprise of medical/surgical masks.

#### **Creative Minds Never Stop**

Driving material and style brands, for example, Shoppers Stop, Fabindia, VIP Clothing, Zodiac, and Aditya Birla Fashion and Retail brands, for example, Peter England, Allen Solly, Louis Phillipe .and Van Heusen have all thought of inventive planner veils to coordinate with their assortments.

The textile industry is gearing up and making variety of masks as people are increasingly becoming safety conscious and are seen wearing face masks as they step out, Prabhu Damodaran, Convener of Indian Texpreneurs Federation (ITF) said including that, "as of now around 75 of our part organizations have begun veil fabricating." He additionally included that selling through retail locations and online channels are the two major open doors for the business in the residential market. Fare showcase with veil utilization turning into another typical over the world, the business is seeing an even enormous open door in the fares showcase. An ongoing alteration to the veil send out approach by the Center, permitting fare of non-careful/non-clinical covers, also came as a short in the arm for the industry, which lost close to  $\neq 2,400$  crore of summer exports due to the lockdown.

"We have 1,500 companies doing direct exports. All the companies, which have foreign contracts, are now required to produce masks because the buyer will ask for masks along with the garment order and this is the new normal," Raja Shanmugam, President, Tirupur Exporters' Association (TEA) said.



Reference: https://www.google.co.in/url?sa=i&url=https%3A%2F%2Fwww.marketsandmarkets.com%2Fcovid19%2Fcovid19insights.asp&psig=AOSignametric aspace and the second secondVaw0zNHjFwmwKLvkBmU3hmUK&ust=1591708060395000&source=images&cd=vfe&ved=2ahUKEwiDk73dpPLpAhVL2HMBHWKnBicQr4kDegUI ARDUAQ

This Fig. denotes Covid-19 impact on business and industry

## Source of Funding

None.

## **Conflict of Interest**

None.

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How to cite: Panigrahi A, Ashutosh K, Mehta S, Pasricha S. Impact of Coronavirus Outbreak on Indian Textile Sector. J Manag Res Anal. 2020;7(2):76-83.