

A STUDY ON RECOVERY CHANCES FOR KNITWEAR INDUSTRY'S POST COVID-19 AT TIRUPUR DISTRICT, TAMILNADU

Mrs.K.P.Maheswari

Research Scholar, (Part time Ph.D), PG and Research Department of Commerce, Thanthai Periyar Government Arts and Science College (Autonomous), Affiliated to Bharathidasan University, Thiruchirappalli – 620 024, Tamil Nadu, India. E-mail: <u>mahatup@gmail.com</u>ORCID id: 0000-0002-3174-9351

Dr. M.Hema Nalini

Research Advisor, Associate Professor, PG and Research Department of Commerce, Thanthai Periyar Government Arts and Science College (Autonomous), Affiliated to Bharathidasan University, Thiruchirappalli – 620 024, Tamil Nadu, India, E-mail: <u>hemaevrcommerce@gmail.com</u>

Abstract:

Knitwear industry has long served as the foundation of the Indian economy. The COVID-19 outbreaks is having a devastating effect on knitwear industry, which account for about 30 percent of India's manufacturing production. One of Tamil Nadu's most prosperous and industrially advanced districts is Tirupur. Tirupur industry creats a new trend in the fashion world. The Indian finance minister published a number of relief measures for knitwear industry during pandemic. As part of the study, a framework for the revival of the knitwear industry has also been put up. The foremost aim of this research is to recognize the recovery chances for knitwear industry in Tirupur District, followed by an examination of the relief measures offered to knitwear industry during post-COVID19. For these, a sample of 330 units was selected using the stratified sampling method. Simple percentage and Chi-square test were used , according to the findings, there is a positive relationship between size of the concern and overall level of satisfaction with recovery measures provided by the government schemes. The majority of the exporters are aware and have implemented the plans. The government has not impressed the knitwear industry because it did not anticipate any borrowings in this situation, not even at a reasonable cost. Although it is anticipated that the programme will benefit the economy and aid in its recovery.

Keyword: Recovery chances, Measures for reinstatement, Amended Technology Upgradation Fund Scheme, Retrieval measures by GoI.

INTRODUCTION:

The Indian economy has long been built on the knitwear industry. Knitwear industries are unique of the chief forces behind the Indian economy's growth history. The knitwear sector, which includes the fabrication, dyeing, cutting, printing, stitching, quality checking, ironing and packing, has emerged over the past few decades. Tirupur knitwear industry in TamilNadu, India have shown faster growth recently than the other industrial sector. This industry creates a lot of jobs opportunities to the migrated employees. The industry works 24×7 to export the garments

worldwide. But there are few changes observed in the environment after the country's lockdown in the year 2020 due to coronavirus pandemic.

During the pandemic around 195 nations are under the control of the virus COVID-19, which is damaging economies everywhere and spreading fear throughout society. The Tirupur sector's knitwear industries are undeniably the most vulnerable to the COVID-19 pandemic due to their size, breadth of lengthy operations, inadequate financial management resources, and, most importantly, their incapacity to deal with an unexpected situation. Knitwear industries has made several contributions to the nation's economic prosperity and built a solid foundation for its economic growth. Without properly highlighting and valuing businesses in the knitwear sector, an economy cannot transition from a largely agrarian to a significant industrial economy. Knitwear businesses serve as a significant contribution to the socioeconomic growth of the nation. The knitwear industry has significantly changed the economy; it has played and continues to play a crucial role in infrastructure investment, job growth, the growth of leading-edge aids plus competencies, safeguarding balanced provincial growth, progressing immature zones, attaining monetary individuality complete ingress replacement, plus enabling the advancement of the nation.

REVIEW OF LITERATURE

Muthiah, K. (2011), the study divulges Tirupur knitwear exports, a labor-intensive sector, are dealing with both happy and unhappy circumstances. The study focuses on the current scenario, including questions like why businesses must not recognised their CSR towards create honourable values aimed at their employees. And to whatever extent does upholding social responsibility directly address the labour problem that export companies are experiencing?

Balamurugan, D., & Rajeswari, R. (2020), The study reveals the role that recognition and rewards have in enhancing employee performance in an organisation. The survey gauges how the organization's current reward and recognition programme is perceived by all of its employees. This study evaluates how to meet their requirements in the highly competitive job market. This study also gives management encouragement to develop future recognition and rewards programmes that will boost employee commitment and job satisfaction.

Kumar, K., & Sharma, A. (2020), The analysis reveals that every sector of the industry, including the informal sector, needs assistance as part of the Indian government's monetary compendium intended toward revitalise the situation industrialized zone following the shutdown. The researcher discusses how home cost cables cross both the proper and unofficial sectors of the budget, demonstrating the essential for the administration to include the unofficial zone in its post-lock down monetary tactics while implementing revival programmes.

Panigrahi, C. M. A., Ashutosh, K., Mehta, S., & Pasricha, S. (2020), The study demonstrates that the textile industry is crucial, significant, developing daily, and improving the lives of Indians by meeting the most fundamental needs of the population. However, COVID-19 poses a threat to this industry. The output, turnover, employment, and exports of the Indian textile industry have all fallen, making it exceedingly difficult to predict when things will turn around. The impact of COVID-19 on the Indian textile sector is investigated in the study.

Somani, M., Srivastava, A. N., Gummadivalli, S. K., & Sharma, A. (2020), The study examines the implications of COVID-19 regulations on various environmental issues generally in the context of India. Firm deductions and explanations could not be formed because the sickness is still spreading, lockdown limitations have not yet been released, and the availability of metadata has been limited. The study, which comprises inspecting the significances of lockdown, provides a erratic unintended to learn how the environment responds to sudden drips in mortal action.

Annaldewar, B. N., Jadhav, N. C., & Jadhav, A. C. (2021), The report shows how the COVID-19 global contagion takes affected the sustainability of the fabric and garments industries. The 3Rs (Reduce, Recycle, and Reuse) have also lost some of their lustre as a means of sustainable textile production. The COVID-19 outbreak takes compelled the fabric industry towards concentrate scheduled research that would improve humanoid guard by generating antiviral costume materials. The goal of the study is to determine whether the ongoing epidemic will help the textile and apparel industry's transition to sustainability.

Baliyan, R. (2021), PESTLE analysis will be used in the research to examine the factors affecting the apparel sector. The research paper's findings show how government and industry-level actions might assist the industry recover from its current state. The authors have made a sincere attempt to determine the impact of COVID-19 happening the apparel business as well as the manipulating factors impacting this sector in order to support further industry study.

Damodaram, A. K., Chakravarthi, S. S., & Reddy, L. V. (2022), the study states that due to the Covid-19 outbreak, the Indian apparel and garment sector saw an unheard-of business situation. to lessen the crisis with the goal of becoming ready for long-term commercial commitments in these difficult times. The study offers a framework for re-engineering clothing and apparel supply networks so they may incorporate and embed cutting-edge technology to become "digital" throughout the supply chains.

López, T. (2023), The study will highlight three additional trends that have shaped the garment GPN since the early 2000s: (1) the geographic consolidation of garment retailers' sourcing networks, with particularly rapid growth in China and India during the 2000s; (2) later, the emergence of new low-wage sourcing destinations in South and South-East Asia, as well as in

Africa; and (3) most recently, a selective shift towards "near sourcing" by fast fashion. The report then outlines the geographical and chronological growth of Bangalore's export-garment industry and provides an account of the labour relations within the cluster.

STATEMENT OF THE PROBLEM:

Knitwear sector is the backbone of the Indian economy, which supports its rapid expansion. Knitwear industries are facing difficult circumstances, so action must be taken right away. The announcement of a state-wide lockdown placed knitwear industry owners, employers, and outside stakeholders in unforeseeable situations for which no one had any prior preparation. The extended lockdown hurt the availability of complet goods, the purchase of rare materials, plus the accessibility of workers towards participate in manufacture plus stock operations. From April 2020 to June 2021, the zone faced tasks with loan reimbursements, pay and remunerations, regulatory dues, etc. There was various schemes created by the government to help and to ameliorate the circumstances in knitwear zone to lift manufacture, promotion and work chances now the Tirupur zone on during covid-19 pandemic.

A framework for the recovery chance of Tirupur knitwear industry has been proposed on these study. The present study is to analysed the potential effects of the government's economic package, based on estimates from various specialists focused on knitwear industry. The government and knitwear associations are worked together to solve the root causes of the COVID-19 epidemic because it is a crisis with an unforeseeable resolution.

OBJECTIVE:

- > To identify the revival opportunities for Tirupur knitwear industry.
- To examine the relief measures offered for Tirupur knitwear industry during post-COVID-19.
- To evaluate the revival measures for knitwear industry announced by the Government of India.

RESEARCH METHODOLOGY:

Research Design: An empirical exploration project was used for this research based on the survey method.

Sampling Design: The method the researcher would use to choose the items for the sample is called the probability sampling design methodology.

Sample Population: The sample remained carefully chosen using the cluster sample method in the Tirupur district of Tamil Nadu. The district has the highest share of knitwear export industry. As of January 31, 2021, there were 1145 knitwear export industry in Tirupur District registered under Tirupur Exporters Association -TEA.

Sample Size: The list of the knitwear export industry in the Tirupur district was collected from the Tirupur Exporters Association - TEA. From this data, a sample of 330 units was selected using the stratified sampling method.

Hypothesis:

Ho1 - There is no significant Association between the size of the concern and Overall level of satisfaction with revival measures provided by the Government.

Ho2 - There is no significant Association between the Export Status of the concern and Overall level of satisfaction with Steps taken by Knitwear Associations for Strengthening the Tirupur Industry Post Covid-19.

DATA COLLECTION

Primary Data The chief data will remain composed after the knitwear export industry in Tirupur District for the given period. Data collection requires a period of five months.

Secondary Data The secondary data relating to the knitwear export industry will be collected directly from knitwear export associations like Tirupur Export Association (TEA), South Indian Hosiery Manufacturing Association (SIHMA), Export Credit Guarantee Corpooration (ECGC), Chamber of Commerce and from various periodical journals like Apparel Online, Apparel India and also from the apparel related web pages.

MEASURES FOR REINSTATEMENT

• **Financial Aid** With financial assistance seen as the supreme noticeable deed, the government publicized unsecured mortgages to Tirupur Knitwear industry. However, the real problem is to ensure that the benefits accrue even to all participants in the Tirupur Knitwear industry. A highly adaptive approach may be needed to solve this problem. Examine government interventions and policies to support the recovery of the knitwear industry. Assess the effectiveness of financial aid, trade facilitation, and skill development programs.

• Finding Opportunities Governments can help various exporter in the Tirupur Knitwear industry to create opportunities amid the Covid haze. Finding ways has been well documented recently, some of which have found an opportunity in the shadow of COVID. A slew of spin-off expoter has started producing PPE plus face guises. Several concerns in the chemical industry must turned towards disinfectants.

• **Wage Support** The majority of workers in the Tirupur Knitwear industry fall into the informal category and offering wage support or employer subsidy schemes will help them retain staff during the crisis, even though the government has ordered all business enterprise employers to continue. to pay salaries without deductions or provisions.

• Economic Influence of COVID-19 scheduled the Knitwear Diligence: Examine the decline in exports and revenues during the pandemic. Analyze changes in foreign buyers behavior and

preferences affecting demand. Evaluate the challenges faced by the industry's workforce due to job losses and wage reductions.

• Methods towards Comply Usefulness and Community Safety Expenses: The Tirupur knitwear sector would greatly benefit from utility payments being deferred or from being required to pay only a part of rent, property taxes, and other utility bills.

• **Preparedness for Future** The government must offer the required framework for enhancing skill development, properly adjusting to digital tools, etc. MSMEs must increase consumer incentives and improve the appeal of reserved quotas in order to gain market access. To extend the market reach, they will provide a centralized platform. In addition, measures to increase the competitiveness of these enterprises should be implemented, with a focus on productivity and quality.

RETRIEVAL MEASURES TAKEN BY GOVERNMENT OF INDIA FOR KNITWEAR EXPORT INDUSTRY:

The Government of India (GoI) takes proclaimed a superior monetary idea ("Economic Plan") to assist the knitwear exporter during the ongoing COVID-19 pandemic. Some of the key reforms announced by the Indian government are expected to benefit the knitwear sector and impel it to weather the headwinds posed by the ongoing pandemic, as follows:

***** Amended Technology Upgradation Fund Scheme (A-TUFS):

ATUFS, the Amended Technology Upgradation Fund Scheme, was introduced by the Ministry of Textiles. This plan would make it easier for the textile industry to increase share, production, excellence, employ, carry across, and ingress replacement. It willpower too unintentionally encourage asset in the production of fabric equipment. Individual entities will only be eligible for a single capital subsidy on a qualifying investment, according to the rates and the overall subsidy maximum, although all exporters will profit from this programme.

* RoSCTL Scheme is Merged (RoDTEP) Scheme:

RoDTEP is a WTO-compliant scheme that upholds the universal rule that taxes and levies shall either be exempted from exportation or paid to exporters via the RoSCTL scheme.

Impassive Anti-Dumping Duty on PTA:

Purified Terephthalic Acid (PTA), a chemical, no longer bears an anti-dumping duty. The Finance Minister made a similar comment during her Budget speech. PTA is a crucial raw ingredient that is employed in the production of several goods, including polyester fabrics.

***** Manufacturing of PPEs:

India became the next major manufacturer of PPEs cutting-edge the ecosphere thanks to the rise of the textile and apparel industries around the nation. During the period from April to December 2020 (as per data available), the nation produced approximately 6 crore PPE body refuge alls and 15 crore N-95 façades, according to estimations based on information from the industry. More than 200 producers of N-95 masks and close to 1100 manufacturers of PPE Body Coveralls had registered. This recently developed industry's typical market size is close to Rs. 7000 crores.

The Production Linked Investment scheme

It has been revealed that the Rs. 10,683 crore manufacturing Linked Investment scheme, which would cover the MMF and Technical Textiles sectors over a five-year period, will produce worldclass exporters and significantly increase local textile manufacturing. An effort called the PLI plan offers incentives to domestic industries to increase domestic manufacturing. When that occurs, products that are specially suited to a particular niche of foreign orders appear.

Size of the concernFrequencyPercentSmall13240Medium14845Large5015Total330100LocationFrequencyPercentRural3210Urban20362Semi urban9528Total330100Year of EstablishmentFrequencyPercent1981-19905691991-2000127492001-2010107152011-20204027Total330100Export Status of the ConcernFrequencyPercentOne Star Export House16139Two Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459Joint Stock Company10933	Table - 1: Details of the Respondents Profile				
Medium 148 45 Large 50 15 Total 330 100 Location Frequency Percent Rural 32 10 Urban 203 62 Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent Percent One Star Export House 161 39 Two Star Export House 31 1 Total 330 100 Category of Exportor Frequency Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 N	Size of the concern	Frequency	Percent		
Large 50 15 Total 330 100 Location Frequency Percent Rural 32 10 Urban 203 62 Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent Percent One Star Export House 161 39 Two Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100	Small	132	40		
Total 330 100 Location Frequency Percent Rural 32 10 Urban 203 62 Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent Percent One Star Export House 161 39 Two Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Sole Trader 27 8	Medium	148	45		
LocationFrequencyPercentRural3210Urban20362Semi urban9528Total330100Year of EstablishmentFrequencyPercent1981-19905691991-2000127492001-2010107152011-20204027Total330100Export Status of the ConcernFrequencyPercentOne Star Export House16139Two Star Export House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Large	50	15		
Rural 32 10 Urban 203 62 Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent Percent One Star Export House 161 39 Two Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Frequency Percent Sole Trader 27 8 Partnership <t< td=""><td>Total</td><td>330</td><td>100</td></t<>	Total	330	100		
Urban 203 62 Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Frequency Percent One Star Export House 161 39 Two Star Export House 50 17 Four Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Export or Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Location	Frequency	Percent		
Semi urban 95 28 Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Frequency Percent Concern 7 7 One Star Export House 161 39 Two Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Rural	32	10		
Total 330 100 Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Frequency Percent Concern Frequency Percent One Star Export House 161 39 Two Star Export House 88 43 Three Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Urban	203	62		
Year of Establishment Frequency Percent 1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent One Star Export House 161 39 Two Star Export House 88 43 Three Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Exportor Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Semi urban	95	28		
1981-1990 56 9 1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent One Star Export House 161 39 Two Star Export House 88 43 Three Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Export House 31 1 Total 330 100 Category of Exportor Frequency Percent Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Total	330	100		
1991-2000 127 49 2001-2010 107 15 2011-2020 40 27 Total 330 100 Export Status of the Concern Frequency Percent One Star Export House 161 39 Two Star Export House 88 43 Three Star Export House 50 17 Four Star Export House 31 1 Total 330 100 Category of Export Fouse 31 1 Manufacture Exporter 106 32 Merchant Exporter 224 68 Total 330 100 Nature of Ownership Frequency Percent Sole Trader 27 8 Partnership 194 59	Year of Establishment	Frequency	Percent		
2001-2010107152011-20204027Total330100Export Status of the ConcernFrequency PercentOne Star Export House16139Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequency PercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequency PercentPercentSole Trader278Partnership19459	1981-1990	56	9		
2011-20204027Total330100Export Status of the ConcernFrequency PercentOne Star Export House16139Two Star Export House8843Three Star Export House5017Four Star Export House311Total330100Category of ExportorFrequency PercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequency PercentSole Trader278Partnership19459	1991-2000	127	49		
Total330100Export Status of the ConcernFrequency PercentOne Star Export House16139Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	2001-2010	107	15		
Export Status of the ConcernFrequencyPercentOne Star Export House16139Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	2011-2020	40	27		
ConcernImage: ConcernOne Star Export House16139Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Total	330	100		
One Star Export House16139Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Export Status of the	Frequency	Percent		
Two Star Export House8843Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Concern				
Three Star Exoprt House5017Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	One Star Export House	161	39		
Four Star Export House311Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Two Star Export House	88	43		
Total330100Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Three Star Exoprt House	50	17		
Category of ExportorFrequencyPercentManufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Four Star Export House	31	1		
Manufacture Exporter10632Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Total	330	100		
Merchant Exporter22468Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Category of Exportor	Frequency	Percent		
Total330100Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Manufacture Exporter	106	32		
Nature of OwnershipFrequencyPercentSole Trader278Partnership19459	Merchant Exporter	224	68		
Sole Trader278Partnership19459	Total	330	100		
Partnership 194 59	Nature of Ownership	Frequency	Percent		
1 1	Sole Trader	27	8		
Joint Stock Company 109 33	Partnership	194	59		
	Joint Stock Company	109	33		

ANALYSIS AND INTERPRETATION

Total	330	100
Number of permanent	Frequency	Percent
employees		
Less than 50 employees	14	4
50 to 100 employees	111	34
100 to 150 employees	192	58
150 to 200 employees	9	3
More than employees	4	1
Total	330	100

Source: Complied from Primary Data

The table -1 explicit that the Status of the unit wise distribution consists 45 percent of units are Medium units and 40 percent of the units are small units remaining 15 percent of the units falling under Large scale units. More than half 62 percent of the units are located in urban areas, it is followed by semi urban area is 28 percent and 10 percent of the units are located in the rural area. In terms of year of establishment, 49 percent of units are established between 1991 – 2000, it followed by 2011 – 2020 is 27 percent, between 2001 - 2010 is 15 percent and the rest of the 9 percent is established between 1981 – 1990. The major export status of the industry is 43 percent of Two star export status house, 39 percent is of One star export house, 17 percent is of Three star export house and Four star export house is of 1 Per cent.

Table - 2. Details of the Respondents Demogar pre					
Frequency	Percentage				
214	65				
116	35				
330	100				
Frequency	Percentage				
14	4				
35	11				
23	7				
75	23				
117	36				
66	20				
330	100				
Frequency	Percentage				
23	7				
39	12				
32	10				
148	49				
76	23				
	Frequency 214 116 330 Frequency 14 35 23 75 117 66 330 Frequency 23 39 32 148				

 Table - 2: Details of the Respondents Demogarpic

Professional Degree	12	4
Holder		
Total	330	100

Source: Complied from Primary Data

The table – 2 reveals that a majority of the respondents—65% of whom are men and 35% of whom are women—are men. The major age group of respondents are between 38 - 42 years 36 percent, it is followed by below 33 - 37 years 23 percent, above 43 years20 percent, 23 - 27 years 11 percent, 28 - 32 years 7 percent and 18 - 22 years 4 percent. Out of 330 respondents, 23 percent of the respondents are post graduates, it is followed by under graduates 49 percent, school level 12 percent, Technical Qualification like Diploma 10 percent, Illiterates are 7 percent and remaining 4 percent of the respondents are professional degree holders.

Relieve Measures	Frequency	Percent
Amended Technology Upgradation Fund Scheme	48	14
(A-TUFS)		
RoSCTL scheme is merged (RoDTEP) scheme	25	1
Removed anti-dumping duty on PTA	43	13
Manufacturing of PPEs.	161	59
The Production Linked Investment scheme	53	13
Total	330	100

 Table 3: Relieve Measures to Ameliorate the Conditions in Knitwear Sector

Source : Complied from Primary data

The table – 3 exposes the relieve measures received and benefited by the Tirupur knitwear exporter, it came to know that a majority 59 per cent of the respondents benefited under Manufacturing of PPEs , followed by 14 percent of the respondents benefited under Amended Technology Upgradation Fund Scheme (A-TUFS), 13 percent of the respondents benefited under Removed anti-dumping duty on PTA and The Production Linked Investment scheme and 1 percent of the respondents benefited under scheme of RoSCTL scheme is merged (RoDTEP) scheme.

Table – 4 Level of Satisfaction towards St	eps Taken by Knitwear Export Association
Table 4 Devel of Satisfaction towards St	cps raken by Kintwear Export Association

Knitwear Export Association	Low	Medium	High	Percent
TEA	22	23	28	24
AEPC	21	18	13	15
SIHMA	25	13	11	14
ECGC	23	19	13	16
Productivity Council	12	11	12	11

Chamber of Commerce	13	12	10	10
Trade Development Authority of India	11	12	8	10
Total	127	108	95	100

The table – 4 reflects the majority of Tirupur knitwear exporters' satisfaction with the actions made by the knitwear export association. 24 percent of respondents are pleased with the steps taken by the TEA association, followed by 15 percent who are pleased with the AEPC, 16 percent who are pleased with the ECGC, 14 percent who are pleased with the steps taken by the SIHMA, 11 percent who are pleased with the steps taken by the Productivity Council, and 10 percent who are pleased with the steps taken by the Chamber of Commerce and Trade Development Authority of India.

 Table – 5 Association between the Size of the concern and Overall Level of Satisfaction

 with Revival Measures Provided by the Government

Status of the unit	Overall L R	Statistical Inference		
Overall level of satisfaction with	Low	Medium	High	
revival measures	N=145	N=98	N=87	$X^2 = 18.802$
Small	76	25	31	$- df = 4, \\ 0.001 < 0.01$
Medium	53	54	41	- Significant
Large	16	19	15	Significant

Symmetric Measures			
		Values	Approximate Significance
Nominal by	Phi	0.239	.001
Nominal	Cramer's V	0.169	.001
No. of Valid Cases		330	

H0= There is no significant Association between the size of the concern and Overall level of satisfaction with revival measures provided by the Government.

H1= There is a significant Association between the size of the concern and Overall level of satisfaction with revival measures provided by the Government.

The table obviously indications that there is a considerable association between the degree of concern and the overall level of satisfaction with the government's restoration initiatives. This indicates that the level of concern affects how satisfied people are with the government's revitalization efforts overall.

Statistical Inference

When the aforementioned hypothesis was tested using the Chi-Square test, the aforementioned stayed discovered that there is a substantial association between the size of the concern and the overall degree of satisfaction with the revival measures offered by the government (X2 = 18.802 P0.01). The p-value (0.239) indicates that size of the concern influences insight to general equal of gratification with revival measures provided by the Government at the level of 24 percent. It is seen from table that the calculated value of the 'X²' test is more than the table value at the 1 per cent equal of implication. Hence Null Hypothesis is rejected.

Table -- 6: Association between the Export Status of the concern and Overall Level of Satisfaction towards Steps Taken by Knitwear Export Association for Strengthening the Tirupur Industry Post Covid-19

Export Status of the concern	Overall Level of Satisfaction with Steps Taken by Knitwear Export Associations for Strengthening the Tirupur Industry Post Covid-19			Statistical Inference
Overall level of satisfaction with	Low	Medium	High	
Steps taken by Knitwear	N=127	N=108	N=95	$X^2 = 57.015$
Associations		df = 6,		
One Star Export House	22	1	8	0.000 < 0.01
Two Star Export House	72	65	24	Significant
Three Star Exoprt House	17	12	21	
Four Star Export House	16	30	42	

Symmetric Measures			
		Value	Approximate Significance
Nominal by Nominal	Phi	0.416	0.000
	Cramer's	0.294	0.000
No. of Valid Cases		330	

H0= There is no significant Association between the Export Status of the concern and Overall level of satisfaction with Steps taken by Knitwear Associations for Strengthening the Tirupur Industry Post Covid-19.

H1= There is a significant Association between the Export Status of the concern and Overall level of satisfaction with Steps taken by Knitwear Associations for Strengthening the Tirupur Industry Post Covid-19.

It is obvious from table -6 that nearby is a significant association between the Export Status of the concern and Generally level of satisfaction with Steps taken by Knitwear Associations for

Strengthening the Tirupur Industry Post Covid-19. It means that Export Status of the concern influences insight to generally equal of gratification with Steps taken by knitwear Association for Strengthening the Tirupur Industry Post Covid-19.

Statistical Inference

When the aforementioned hypothesis was tested using the Chi-Square test, it was discovered that there is a significant correlation between the concern's export status and the general degree of satisfaction with the actions taken by knitwear associations to strengthen the Tirupur industry after COVID-19 (X2 = 57.015 P P0.01). The phi value (0.416) indicates that Export Status of the concern influences insight to generally near of gratification with Steps taken by Knitwear Associations for Strengthening the Tirupur Industry Post Covid-19 at the level of 42percent. The table shows that, at the 1 percent level of significance, the calculated value of the 'X2' test is greater than the table value. Thus, the null hypothesis is disproved.

FINDINGS

- Majority of the respondents (45 percent) of units are Medium scale concern.
- More than half 62 percent of the concerns are located in urban areas.
- 49 percent of concerns are established between 1991 2000.
- The major export status of the concern 43 percent is Two Star Export House.
- Majority (68 percent) of the organisations are Merchant in exporters catogory.
- Majority (59 percent) of the industries are falls under partnership in nature of ownership.
- Majority (58 percent) of the industries are functioning with 100 -150 employees.
- Majority (65 percent) of the defendants stay male.
- The major stage cluster of respondents are between 41 45 years 36 percent.
- Majority (49 percent) of the respondents are Under Graduates.
- The degree of overall satisfaction with the revival measures offered by the government is significantly correlated with the size of the concern. The table shows that, at the 1 percent level of significance, the calculated value of the 'X2' test is greater than the table value. Thus, the null hypothesis is disproved.
- The amount of satisfaction with the actions made by knitwear associations to strengthen the Tirupur industry after COVID-19 is significantly correlated with the concern's export status. The table shows that, at the 1 percent level of significance, the calculated value of the 'X2' test is greater than the table value. Thus, the null hypothesis is disproved.

SUGGESTIONS:

- The government must support technology infusion and/or upgrade in a quick manner.
- The government should provide adequate steps towards making these industries global and improving the overall Tirupur industry by making it more conducive and transparent. Also, support the critical situation by ensuring the knitwear sector lifts off from the runway.

- The government should establish the necessary framework for improved skill development, digital tool adaptation, appropriate social media usage, etc.
- The Central and State Governments must create a conducive and favourable external environment for Tirupur knitwear industry in order to capitalise on the potential of small manufacturing industryies through raw material supply management, infrastructure facilities, and government industrial policies.

CONCLUSION:

Tirupur knitwear industry have grown to be an important part of the Indian economic system, contributing significantly to the country's economic development. It not only creates jobs but also helps the country in foreign exchange earning. However, during the COVID-19 outbreak, Tirupur knitwear industries face numerous challenges, making survival extremely difficult. Maintaining productivity levels, gaining foreign order access, overcoming workplace constraints, and gaining access to more funds are all obstacles to Tirupur industries growth and survival. Corrective actions are taken by the government by announcement of five supportive schemes (pillars) to make the Tirupur industry with infrastructure, economy, technology-driven system, demand, and a vibrant demography. The government assists the industries by emphasising the use of the schemes, to knitwear exporters in growing their sector. To alleviate the economic harm brought on by COVID-19 and help Tirupur industry regain its feet, the government unveiled a sizable stimulus plan.

According to the findings, there is a positive relationship between government schemes and Tirupur exporters satisfaction. The majority of the exporters are aware and have implemented their plans. However, because Tirupur industry's foreing orders have dried up and there is uncertainty regarding foreing demand in the near future, the government's plan has not offered any kind of relief when they are short of cash and liquidity for payment of salary or wages to their employees and workers.

The government has not impressed the Tirupur industry because they did not anticipate any borrowings in this situation, not even at a reasonable rate. Although it is anticipated that the plan will benefit the economy and aid in its restoration, much now rests on how quickly the plan is put into action.

REFERENCES:

- 1. Muthiah, K. (2011) 'The glowing business growth and darkness beneath: Tirupur knitwear cluster of India' *Emerald Emerging Markets Case Studies*, *1*(1), 1-4.
- 2. Balamurugan, D., & Rajeswari, R. (2020). 'A study on Awareness and Opinion of Reward and Recognition Programme among Employees Working in Garment Industries at Tirupur City' *International Journal of Engineering and Management Research*, *10*(6), 150-161.

- 3. Kumar, K., & Sharma, A. (2020). Don't forget the informal sector: reviving manufacturing in India. *South Asia (a) LSE*.
- 4. Panigrahi, C. M. A., Ashutosh, K., Mehta, S., & Pasricha, S. (2020). 'Impact of coronavirus outbreak on Indian textile sector', *Journal of Management Research and Analysis*, 7(2), 76-83.
- 5. Somani, M., Srivastava, A. N., Gummadivalli, S. K., & Sharma, A. (2020). Indirect implications of COVID-19 towards sustainable environment: an investigation in Indian context. *Bioresource Technology Reports*, *11*, 100491.
- 6. Annaldewar, B. N., Jadhav, N. C., & Jadhav, A. C. (2021) 'Impact of COVID-19 on sustainability in textile & clothing sectors. *COVID-19:' Environmental Sustainability and Sustainable Development Goals*, 93-116.
- 7. Baliyan, R. (2021). 'A shift in paradigm for apparel industry post COVID 19' *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, 12(13), 5203-5211.
- 8. Damodaram, A. K., Chakravarthi, S. S., & Reddy, L. V. (2022). 'Re-engineering Indian apparel and garment supply chain to enhance resilience under uncertain post-covid-19'.
- 9. López, T. (2023). Situating the Bangalore Export-garment Cluster Within the Garment GPN. In *Labour Control and Union Agency in Global Production Networks: A Case Study of the Bangalore Export-garment Cluster* (pp. 129-146). Cham: Springer International Publishing.
- 10. <u>https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1706040#:~:text=In%20order%2</u> <u>0to%20make%20the,Taxes%20on%20Exported%20Products%20(RoDTEP)</u>
- 11. https://aepcindia.com/system/files/ATUFS.pdf
- 12. https://aepcindia.com/system/files/PPE%20Report%20version%200.2.pdf