Chapter - 8
Conclusions and Suggestions for Future Work
8.1 INTRODUCTION

The principle goal proposition determines the Computer Integrated Technology utilized by the Wood Designing Industries and surrogate pairings of variables for the appropriation of CIT. The study is centered around the investigation of distinctive CIT practices, wellsprings of data bolster, saw advantages of the execution and the types of CIT actualized by Indian Wood Designing businesses. The investigation has been performed by item and industry to confine contrasts because of the focused markets in which the business dwells.

The accompanying area restates the Computer Integrated Technology and exhibitions of assembling businesses. It is then trailed by contextual analysis to examine wonder profoundly inside the viewpoint of their regular setting and last however not the slightest, a diagram of the part gives an all encompassing perspective of the proposition.

8.2 SUMMARY OF THE WORK DONE

With the presence of different Computer Integrated Technology, more capacities or assignments are performed by hardware rather than human work. For the most part, commercial enterprises inside the same area go over a typical arrangement of innovative open doors. Then again, it is detectable that innovative contrasts exist among the businesses. Truth be told, a test of CIT studies regularly unveils that commercial enterprises with a specific assembling procedure will put resources into particular sort of CIT that can help them to accomplish their expected assembling execution.

The information have been gathered from four parts of assembling commercial enterprises. The greater part of respondents are from Wood Designing Industry segments, took after by methodology parts, electrical & hardware divisions and modern apparatus and gear areas. Respondents were asked for to pick a reaction on five point likert scale; moored toward one side with „least important“ justifying a score 1 and the other by most imperative justifying a score of 5. Most importantly to
figure out the relationship for every variable which are included in assembling commercial enterprises, then further test their need to be done on elements created to see whether they are ordinarily conveyed with a specific end goal to make significant deductions. After which the speculations testing have been performed by testing the level of congruity between the variables. The assembling methodologies of Indian assembling businesses are reliant on diverse areas. The different Computer Integrated Technology methods can be portrayed as:

- The study authenticates that quality is considered as essential for any industry. There is a solid congruity between the four divisions in giving quality items which are dependable and offer elite keeping in mind the end goal to contend successfully in the business sector. It is recognizable that the expense is considered as the minimum focused need by all businesses.

- All producing commercial enterprises accentuation on very nearly the same aggressive qualities. All segments depended on quality, responsiveness, adaptability, Computer Integrated Technology, item customization, data innovation, deals and advertising, assembling capacities and creativity.

- All divisions accentuation to execute the mechanization in assembling commercial ventures. In all segments, advancement and execution is an imperative component. Distinctive computerization steps change as per the part it has been connected to.

The estimation of Computer Integrated Technology is gotten from its level of speculation. Businesses were solicited to show the sum from interest in the individual innovation, on a five point size of 1 to 5, where 1 shows no venture and 5 to show overwhelming speculation. The level of venture by distinctive divisions is diverse in Computer Integrated Technology.
8.3 THE VARIOUS COMPUTER INTEGRATED TECHNOLOGY CAN BE DESCRIBED AS:

- The most regular propelled configuration innovation among the businesses overviewed is CAD. Miscreant is the most prominent innovation and GT is the slightest good innovation for assembling businesses. Process commercial ventures have put moderately less in cutting edge plan and designing advancements than auto and hardware businesses. Albeit all commercial ventures decide to have interests in cutting edge outline and building advancements, all areas concur practically to the same actuality that interest in the minimum huge field of venture.

- The most vital speculations are made in CNC innovation. All the assembling commercial ventures have put less in apply autonomy innovation. In Wood Designing commercial enterprises the greatest speculations have been made in CNC innovation took after adaptable assembling framework. In Electrical & Electronics Industries & Automobile & Machinery Industries the greatest ventures have been made in CNC took after by adaptable assembling framework and NC/DNC. In methodology businesses the speculations have been made in adaptable assembling and CNC are very nearly same, took after by NC/DNC. But the Wood Designing Industries, every other industrie have contributed less on apply autonomy innovation.

- The Wood Designing Industries have put all the more in MRP took after by MRP II, ERP. Gadgets commercial ventures have put all the more in MRP took after by MRPII, ERP and ABC investigation. Car & Machinery commercial enterprises have put all the more in MRP II took after by MRP, ERP.

- The Wood Designing Industries and Electronics commercial enterprises have made moderate interests in material taking care of advances. It is presumed
that material taking care of innovations (AMHS, AS/RS, AGV) get the minimum consideration in assembling businesses.

- Wood Designing Industries have contributed the greatest on TQM took after by BPR, SPC and JIT. Hardware commercial ventures have contributed the most extreme on TQM took after by SPC, BPR and JIT. Hardware businesses have contributed the most extreme on TQM took after by SPC, JIT and BPR.

- Wood Designing Industries have contributed the most extreme on kaizen took after by administration preparing, reusing and seat stamping. Gadgets commercial enterprises have contributed the greatest on administration preparing took after by, reusing, seat stamping and kaizen. Auto & Machinery commercial enterprises have contributed the greatest on kaizen took after by administration preparing, reusing and seat stamping.

The assembling execution is influenced by utilizing Computer Integrated innovation as a part of assembling businesses. Fabricating industries

execution estimation by appropriation of cutting edge Computer innovation can be ordered into four separate elements, for example, expanding expense viability, advancement group based duty, gauge manufactured division and enhanced nature of working. Respondents were requested that rate the business execution on a 1 to 5 point level scale, where 1 shows lower execution, 3 demonstrates normal and 5 shows well above execution. In Wood Designing Industries, Electronics owing to the reception of cutting edge administration frameworks, cost viability has expanded taken after by improvement group duty, gauge fake division and enhanced nature of working.

The interest in CIT speaks to a vital choice, the estimation of which increments in a focused situation and business instabilities. Respondents
were requested that rate the business productivity in term of benefit, plant effectiveness, item administration and business execution on a 1 to 5 point level scale, where 1 shows lower effective, 3 demonstrates normal and 5 demonstrates well above proficient.

It is watched that owing to reception of Computer Integrated Technology, the elements, for example, gainfulness, effectiveness, item administration, market exhibitions have progressed. It is presumed that effectiveness upgrade of

Wood outlining commercial enterprises happens through Computer Integrated innovation. The different profitable enhancements fused for the situation studies can be condensed as:

- A: Method Improvement by Software's coordination
- B: Efficiency Improvement on wooden Designing
- C: Productivity Improvement by Advanced PC G code Tool Technology
- D: Process and Efficiency Improvement by Implementing Computer Integrated Technology
- E: Improvement in the Effectiveness of the Designing Modification.

Computer Integrated Technology are not executed by the business because of fundamental issue of progress, absence of seeing by supervisors, capacity to oversee computerization and absence of framework offices. Respondents were requested that concur or differ from the above explanations behind assembling businesses on a 1 to 5 point level scale, where 1 demonstrates downright difference and 5 shows absolute assertion. The most critical explanation behind Computer Integrated Technology not being actualized or embraced in assembling commercial enterprises is the essential issue of progress. Alternate explanations behind not adjusting Computer Integrated Technology are diverse in distinctive segments.
8.4 CONTRIBUTION OF THE RESEARCH

This proposal has attempted to fill a percentage of the holes in the contemporary research on Computer Integrated Technology, particularly in Indian connection. A broad multi part study of Indian assembling commercial ventures on CIT has been directed. The study speaks to that CIT of most commercial enterprises is centered around enhancing item and methodology quality and conveying items on time. Quality is the most critical focused need for the Indian fabricating businesses. The contention from multinationals has made the Indian businesses quality mindful. Conventional quality control is currently moving to preventive measures reflected in wide selection of TQM practices. Significant commitments of the exploration can be highlighted as:

- A thorough book index has been arranged and writing has been characterized in like manner.

- Sector astute focused need and Computer Integrated Technology have been distinguished.

- Indian commercial ventures are underlining all the more on interest in CIT.

- Manufacturing adds to focused achievement.

- CIT is not constrained to a couple of key verdicts about innovation, limit, and so on yet it is characterized by the aggregate example of decision over the full scope of assembling frameworks.

- Wood Designing Industry and Electronics divisions are presented to worldwide rivalry much speedier when contrasted with Automobile and apparatus parts. Hence, owing to solid worldwide weights, these businesses embraced assembling practices in accordance with worldwide pattern.
It is watched that Indian producing commercial ventures are giving the slightest inclination to cutting edge material taking care of innovation.

8.5 IMPLICATION OF THE STUDY

CIT is regularly measured utilizing the degree of utilization, or the level of venture. The study utilizes the estimation of CIT got from its level of venture. The mean score of each of the six classes is determined by taking the normal of its venture score. This estimation is utilized owing to the way that all CIT can be incorporated to accomplish their capacity to encourage venture wide consolidation. Accordingly, this study gives an assorted estimation alternative to CIT as far as its level of venture. The study gives a superior comprehension of the CIT dispersion in the Indian producing division that delivers differentiated items. The most imperative ramifications of the impacts for assembling businesses are that CIT interest in assembling offices is well worth seeking after.

The general perception is that most of the commercial ventures that have high speculations on CIT accomplished higher execution. It hence gets to be clear that the administration group and without a doubt every one of those included in the key verdicts of the assembling businesses, build up an a great deal more refined insightful of what CIT is, and that the effective usage of a CIT obliges a thought of the levels of speculation of CITs, i.e. how the levels of speculation of every CIT upgrade the assembling exhibitions.

Besides, by comprehension the CITs, administrators are better ready to plan the organization and usage process. Once the commercial enterprises have chosen the assembling procedure, administrators will have the capacity to recognize the proper levels of interest in CIT to fulfill the expected exhibitions.

Computer Integrated Technology presents colossal imminent to increment both adequacy and proficiency of the assembling attempt. It is able to impact key capacities crosswise over assembling businesses and grants commercial ventures to contend on a
more elevated amount of client prerequisites. Later on, it will be essential for assembling supervisors or executives to appreciate how the innovation functions and recognize when to utilize a specific innovation.

Government associations and other subsidizing bodies ought to persevere and extend the money related bolster offered to commercial enterprises who wish to seek after interest in CIT. Government associations ought to gravely investigate making additionally financing open doors or monetary aid to upgrade the industries fabricating skills through more Computer Integrated Technology.

8.6 INDIAN CRAFTS INDUSTRY

India suppliers of crafted works to in the world business sector. The Indian painstaking work industry is exceedingly work concentrated in village and metro zones. Various artisans are occupied with artworks take a shot at low maintenance premise. The business gives job to more than six million artisans (counting those in floor covering exchange), which incorporate countless and individuals fitting in with the weaker segments of the general public.

Notwithstanding the high potential for work, the part is monetarily imperative from the purpose of low capital speculation, high proportion of worth expansion, and high potential for fare and outside trade income for the nation. The fare income from Indian crafted works industry for the period 1914-15 added up to US$ 1.2 billion.

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created iron furniture from Kota & Jodhpur. The seaside condition of Gujarat accompanies weaved articles from Kutch. Narsapur in Andhra Pradesh is acclaimed for its Lace and Lace merchandise. Anyway this is just a little piece of the aggregate item extend. India offers substantially more.

8.6.1 Handicrafts are classified into two categories:

1. Articles of regular utilization
2. Decorative things

The specialists use diverse media to express their inventiveness. The differences of the handiworks is communicated on materials, metals – valuable and semi-valuable, wood, valuable and semi-valuable stones, earthenware and glass.

A) Textile based handiworks:

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B) Clay, Metal and Jewelry:

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C) Woodwork:
Wooden articles in India range from the lavishly cut to the totally basic. One can discover toys, furniture, enhancing articles, and so forth bearing the craftsmanship and uniqueness of the skilled worker. India is known especially for its lacquered wood articles.

D) Stone Craft:
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E) Glass and Ceramic:
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F) Craft focus Areas:
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Artmetalware: Moradabad, Sambhal, Aligarh, Jodhpur, Jaipur, Delhi, Rewari, Thanjavur, Madras, Mandap, Beedar, Kerala & Jagadhari, Jaselmer

Wooden Artwares: Saharanpur, Nagina, Hoshiarpur, Srinagar, Amritsar, Kota, Jaipur, Jodhpur, Jagdalpur,
Bangalore, Mysore, Chennapatna, Madras, Kerala & Behrampur (WB)

**Handprinted Textiles & Scarves**: Amroha, Jodhpur, Jaipur, Farrukhabad, Sagru & Sanganer

**Embroidered goods**: Kutch (Gujarat), Jaisaimer, Baroda, Lucknow, Jodhpur, Agra, Amritsar, Kullu, Dharmshala / Chamba & Srinagar

**Marble & Soft Stone Crafts**: Agra, Madras, Baster, Jodhpur

**Papier Mache Crafts**: Kashmir, Jaipur

**Terracotta**: Agra, Madras, Baster, Jodhpur

**Zari & Zari Goods**: Rajasthan, Madras, Baster

**Imitation Jewellery**: Delhi, Moradabad, Sambhal, Jaipur, Kohima (Tribal)

**Artistic Leather Goods**: Indore, Kolhapur, Shanti Niketan (WB)

**Selected crafts pockets for achieving export goal:**

Albeit every artworks pockets has its specific issues, a couple of chose art pockets are distinguished in light of their past execution for quick therapeutic thoughtfulness regarding invigorate a quantum in fares of crafted works in the impending years.

**Moradabad (UP)**: For Artmetalwares and imitation jewellery

**Saharanpur (UP)**: For Wooden handicrafts & Wrought iron handicrafts
Kota & Jodhpur (Raj.) : For Wooden, Wrought Iron and Sea Shell handicrafts
Narsapur (A.P.) : For Lace and Lace goods

8.6.2 COUNTRY-WISE EXPORTS OF HANDICRAFTS
The major buyers for handicrafts (other than carpets) are as under:

Art Metalwares : U.S.A., Germany, U.K. & Italy
Wood Wares : U.S.A., U.K., Germany & France
Hand Printed & Textiles & Scarves : U.S.A., U.K., Germany & Canada
Shawls as Artwares : Saudi Arabia, U.S.A. Japan & U.K
Imitation Jewellery : U.S.A., U.K., Saudi Arabia & Germany
Miscellaneous Handicrafts : U.S.A., Germany, U.K. & France
8.6.3 Computer Integrated Technology (CIT) work on

Identification of market opportunities

Prototype design and development / adaption and refinement

Test marketing

Upgrading equipping facilities

Securing inputs

Entrepreneurial hiring, training, managing

Production, quality control and packaging

Costing and pricing

Physical distribution

Export market development
In the changing scene situation, create items traded to different nations shape a piece of way of life items in universal business sector. The effect is because of the changing shopper taste and patterns. In perspective of this it is high time that the Indian workmanship industry went into the points of interest of evolving plans, designs, item advancement, imperative change underway offices for an assortment of materials, generation procedures, related ability to accomplish an initiative position in the quickly developing intensity with different nations.

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**8.7 SUGGESTIONS FOR FUTURE WORK**

The study is centered around CIT dissemination in assembling commercial ventures that create unmistakable items. It takes a gander at how an industry likes to put and deal with its CIT in connection to its assembling methodology. The four noteworthy assembling division commercial enterprises (Wood Designing, Electrical & Electronics, Automobile and Machinery) have been incorporated in this study. Reactions of the poll have been gotten from all parts of the nation. This study has a few recommendations, which future specialists could consider. The recommendations are as per the following:

- The execution estimation utilized for the study is self assessed and taking into account assumed execution which confines the objectivity of execution measures.

- This study is centered around four assembling part commercial ventures Wood Designing, Electrical & Electronics, Automobile and Machinery), different areas can be incorporated.
The study dismisses the learning impact, owing to the length of time the commercial ventures have executed the piece of CIT.

It does not allow the evaluation of execution effect of CIT usage after some time.

The investigation has proposed a few potential outcomes for future examination. There are two primary ranges where future exploration could be performed. The main is as for the system picked for the CIT examination. The second is regarding the way of the information decided to investigate. Both of these ranges offer a wide range of conceivable outcomes for future exploration and the improvement of this point region in the writing. This is just genuine that if the time of usage of the Technology or business practice is known, the effect of the execution can be all the more promptly separated. Another route in which to take a gander at development measures would be to utilize a longitudinal dataset. The decision of individual variables to incorporate would rely on upon the size, class or industry picked. The utilization of a more definite, maybe industry particular, review would likewise take into account comes about that are more nitty gritty. On the off chance that a more particular overview is created then there would be a more noteworthy probability to utilize industry sub-classes and to manage the more pervasive advances and practices that happen in the business.

8.7 CONCLUSION

Taking everything into account, this study has satisfied its objective and desires at first set for the study. The premise of Computer Integrated Technology is the idea of rolling out element improvements in the Wood Designing Industry structure, to make game changer and keep away from a static non reaction to the change. Computer Integrated Technology idea is tended to specifically by giving a key system in assembling into which the individual choice about CIT can be appropriately tended to. The discoveries in this study reaffirm the significance of the framework in the product blend with hue of every single working layer utilize the
distinctive Software devices for the methodology of Image to Gcode change. It might be said that an industry utilizes to choose and control the execution of its equipment (specialized instruments). These frameworks ought to be intended to empower the consistent adaption and change of an industry ability base.

Advantages of CIT execution of Wood Designing Industry

1. Accuracy in Designing work
2. Reusability of working
3. Low expense
4. Time Saving
5. Customer Satisfaction
6. Instantly Modification according to need of client
7. Adoption of CIT is simple
8. Systematic and structure methodology of usefulness

Accomplishments of Research work

- Minimum cost for Implementation
- Best work with time saving
- Increase productivity