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CHAPTER - X

SUMMARY AND FINDINGS.

- 1) Small scale industries play important role in achieving area development and developing backward regions.
- 2) Attempt is made to study the evolution of -- engineering industry in Kolhapur city from 1926 onwards.
- 3) The favourable situation of water and fertile soil were used by the farmers for cultivating cash-crops, --- especially, sugar-cane. The farmers used invariably mhots for lifting water. But in due course of time, improvements in --- infrastructural facilities and wider markets, entrepreneurs in Kolhapur assisted the hardworking farmers by manufacturing the diesel oil engines. The engineering industry greatly helped -- the cultivators to raise the production by enabling them to -- utilize the available water supply effectively. The lift ---- irrigation was spread by diesel engines.
- 4) The study reveals that agriculture and engg-- industry in Kolhapur are gradually undergoing a transformation from their earlier traditional pattern of technique and products.

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In agriculture such transformation is found in two aspects.

1) Use of modern technology (2) Change in crop-pattern. The engineering industry also is gradually adopting modern ----- machineries, technologies and trying to diversify the products.

5) Engineering units are shifting from their original points of concentration to new areas. The causes responsible --- for such shifts in location are availability of infrastructural facilities, such as electricity supply, water supply, cheap --- labour, transport facilities, Cheap lands, open flat space on rocky foundation enable the units to plan a scientific plant layout, assembly lines. The units use these facilities according to their needs and capacities. But the units, it is felt, should plan their layouts which will be convenient for manufacturing process as well as they are attractive . They should provide - for storage and administrative offices.

6) It is revealed that the demand for oil engines in Kolhapur district is intermittant, depending on the rains. The demand has reached its saturation points in Kolhapur. The advent and extension of electricity is likely to affect the - oil engine units. The decline in demand for oil engines is --

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revealed. The recessions have greatly affected these units. The effect is revealed in different ways 1) Some units were closed 2) Some took to repair works 3) Some tried to diversify 4) Some units try to export and find out new markets.

7) With a view to understand the problems, the structure of engg. industry is studied. It is revealed that ancillaries depend on assemblers of oil engines. When demand for oil --- engines declines, the ancillaries dependent on assemblers -- suffer, and much of the unutilized capacities remain. Thus -- there is unemployment, idle machines, low profits. Extent and causes responsible for idle capacities, have been explained. In this situation need to diversify has been explained from technical and theoretical stand point. Ancillarisation is -- justified, with due care. Difficulties in the way of ----- diversification have been pointed out. Small units face ---- difficulties in diversification as they specialized in oil - engines only. These units have 'learnt by doing '. Large units do not find difficulties in exporting or finding new markets even for diesel oil engines or their spare part production.

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They have been gradually trying to diversify the products-- such as power tillers useful in agricultural operations.

8) Financial institutions have helped the engg. units even during difficult times. Small units manufacturing oil engines show greater indebtedness, as they suffered during recessions. We can say they suffer not because they are small or they are manufacturers of oil engines or spare parts, The difficulties lie somewhere else.

9) The managerial functions were suitably and ----- conveniently performed by earlier managers-cum-manufactures in earlier limited markets. In modern expanding markets, a new type of managerial role is needed. This is a striking need.

10) Small units purchase raw material from local and nearby markets and sell to markets in the state of Maharashtra. Some large units enjoy extended markets. They have realized the significance of ' marketing management ' and are earning a name for their products. But under the circumstances some of the small units seem to be facing greater difficulties.

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There is and shall be an ample scope for engineering units in Kolhapur. They can play important role in development of this area. Barring some exceptions, there is need to develop these units on a more scientific basis. There is need to --- develop diversification, promote ancillaries, improve ----- managerial competence and capture wider market.

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