INDUSTRIAL MANAGEMENT

COURSE CODE: 15HM1108

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Course Outcomes

CO-1: To develop an understanding towards Concept of management and organizational structure.
CO-2: To understand the concept of motivation and distinguish between different leadership styles.
CO-3: To identify various factors influencing plant location and layout
CO-4: To understand the concepts of method study, work measurement and different methods of performance rating in an organization.
CO-5: Be conversant with the various provisions of industrial laws and interpret their application in an industry.

UNIT-I: Introduction to Management & Organization (10 lectures)
Definition – meaning and nature of management- principles & functions of management- Evolution of management thought-Basic concepts related to organization- Departmentation, Delegation and Decentralization, authority, responsibility and accountability- Type of organization structures.

UNIT-II: Motivation and Leadership (12 lectures)

UNIT-III: Plant Location & layout (10 lectures)
Plant location – Definition, factors affecting the plant location, Plant layout-definition, objectives, types of plant layout-various data analyzing forms.

UNIT-IV: Work study (12 lectures)
Definition- objectives of work study - method study- definition, objectives, principles, procedure – various types of associated charts- micro motion and memo motion studies. Work measurement-definition, objectives, principles, procedure, different methods of performance rating- allowances, standard time calculation. Definition and steps involved in work sampling.

UNIT-V: Industrial Relations & Labor law (10 lectures)
## TEXT BOOKS

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<tr>
<th>S.No</th>
<th>Author</th>
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<th>Edition</th>
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<td>1</td>
<td>O P Khanna</td>
<td>Industrial Engineering and Management</td>
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<td>3</td>
<td>N.D.Kapoor</td>
<td>Mercantile law</td>
<td>35th</td>
<td>Sultan Chand &amp; Sons</td>
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## REFERENCES

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<tr>
<td>1</td>
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<td>Dr. C Nadha Muni Reddy and Dr. K Vijaya Kumar Reddy</td>
<td>Reliability Engineering &amp; Quality Engineering</td>
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<td>Galgotia Publications</td>
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