



ALAGAPPA UNIVERSITY

(accredited with A= grade by NAAC (CGPA: 3.64) in the third cycle
graded as category 1 university and granted autonomy by
MHRD-UGC karaikudi-630003,tamilnadu,india



DEPARTMENT OF SOCIAL WORK

Course Code: MSWVAC04 Total Hours :30

TITLE OF THE VALUBLE-ADDED COURSE

ISO IN INDUSTRIES



THE OBJECTIVES OF THE COURSE ARE :

- To Understand The Concept Of ISO In Industry
- To Expose The Students To Implement, Maintain And Enhance The Technical Aspects Of A Quality Management System (QMS) Based On Iso 9001:2015 And Related Standards
- To Develop The Knowledge Of Establishing, Documenting, Implementing, maintaining And Improving (Self-sustaining) Quality Management System

MR.J.VIGNESH SABARIKIRAN
PROGRAM CO-ORDINATOR

M.A.VELUSAMY
ASSOCIATE PROFESSOR AND HEAD I/C

Course code : MSWVAC04	ISO IN INDUSTRIES	Hours : 30
Objectives	<ul style="list-style-type: none"> • To Understand the concept of ISO in Industry • To expose the students to implement, maintain and enhance the technical aspects of a quality management system (QMS) based on ISO 9001:2015 and related standards. • To develop the knowledge of establishing, documenting, Implementing, maintaining and continually improving (Self-Sustaining) Quality Management System 	
Unit I	Concept of Industry – Classification of Industry.	
Unit II	Introduction about ISO – Concept – origin – Structure – Membership.	
Unit III	Benefits of ISO certification – stages of ISO standards.	
Unit IV	Introduction to ISO 9001, History - Overview of ISO 9001:2015 - ISO 9001:2015 Quality Management System.	
Unit V	ISO 9001:2015 Quality Management Principles – Certification Process - Overview of ISO 9001:2015 Clauses - ISO 9001:2015 Internal Audit – ISO.	
Unit VI	Concept of Occupational Health and Safety Management System (OHSMS) – purpose of an OHSMS -Introduction to ISO 45001 - key concepts and structure of ISO 45001 – ISO 45001: 2018 Clauses.	
Unit VII	The main requirements of ISO 45001 - benefits to an organization in relation to implementing an effective Occupational Health and Safety Management System (OH&S MS).	
Unit VIII	Concept of Environmental management systems - Aim of an environmental management system – Scope - overview of ISO 14001:2015.	
Unit IX	Benefits of ISO 14001:2015- Key requirements of ISO 14001:2015.	
Unit X	Introduction about ISO 50001: 2018 Energy Management Systems Standard – Benefits of ISO 50001:2018 .	
Book(s) for Study Ramesh Lakhe, KrantiDharkar, 2018, ISO 45001:2018 Occupational Health & Safety Management System		
Related Online Contents https://www.youtube.com/watch?v=z1GiKmYtpEI		
India Book(s) for reference <ol style="list-style-type: none"> 1. ItayAbuhav, 2017, ISO 9001: 2015 - A Complete Guide to Quality Management Systems 2. Milton P.Dentch, 2016, the ISO 14001:2015 Implementation Handbook: Using the Process Approach to Build an Environmental Management System, ASQ Quality Press. 		