

Subject Code: 09CH1504

Subject Name: Project-I

Semester: 5th

Objective: To learn about various manufacturing processes of chemicals select suitable method for achieve maximum output.

Credits Earned: 3 Credits

Course Outcomes: After completion of this course, student will be able to:

1. Select problem in current chemical industries
2. Apply fundamental concept of chemical engineering subjects to solve the problem
3. Improve their presentation & technical skills

Pre-requisite of course:

Fundamental knowledge of chemical engineering basic subjects

Teaching and ExaminationScheme

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial/ Practical Marks		Total Marks
Theory	Tutorial	Practical		ESE (E)	Mid Sem (M)	Internal (I)	Practical Exam (V)	Term work (TW)	
0	0	6	3	0	0	0	50	50	100

Contents:

Sr. no	Content
1	Manufacturing of any one of products from below mentioned industries <ol style="list-style-type: none"> 1. Petrochemicals 2. Pharmaceuticals 3. Natural product industries 4. Dyes and Dyes intermediates 5. Miscellaneous
2	Content of Project Report <ol style="list-style-type: none"> 1. Introduction 2. Present status including list of industries 3. Properties of products 4. Applications of products 5. Raw materials 6. Manufacturing processes 7. Selected process description 8. Equipment 9. Parameters 10. Results 11. Conclusion