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| **Week** **No.** |  **Units No.** | **Description** |
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| **2** | **Unit 1** | Course outline, Aspects of Industrial Chemical Processes, Terminology ,Classification of chemical productsKinds of Chemical processes |
| **3** |  | Important information |
| **4** | **Unit 2** | Extractive metallurgy Corrosion and its solutions in industry Mineral ores, Ore dressing |
| **Applications** : Pyro processing, Refining ,Extractive metallurgy of iron, Extractive metallurgy of aluminum |
| **5-6** | **Unit 3** | Material balances |
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| **9-10** | **Unit 5** | Catalysis |
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| **Applications** of electrolysis in industry |
| **12** |  | **Mid 2** |
|  | **Unit 7** | Student Presentation.  |
| **13-14** | **Applications** | Organic Chemical Industries  |
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|  | Inorganic Chemical industries , |
|  | **Applications :** Chlor-alkali, Ammonia, Sulphuric Acid, Fertilizer, Cement. Important catalysts. |