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| **Sr.**  **No**. | **Title of course with code** | **Topic** | **Sub topic/ Key Words** | **Link** |
| 1 | Organic Chemistry  (CH-102) | Aliphatic Hydrocarbons (Alkanes). | Introduction & some basic points | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ0ODQ1OTkyNjM1/details> |
|  |  |  | IUPAC Nomenclature of Alkanes. | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjE5ODgxNTA1NDkw/details> |
|  |  |  | Preparations of Alkanes:- 1) Catalytic Hydrogenation 2) Reduction of Alkyl Halides | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ4ODQ3NDQ4NDgy/details> |
|  |  |  | Preparations of Alkanes:- 3) Wurtz Reaction | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ4ODk3NTA2NzYx/details> |
|  |  |  | Preparations of Alkanes:- 4) Hydrolysis of Grignard Reagent. | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ4ODk5NzY5NDM0/details> |
|  |  |  | Preparations of Alkanes:- 4) Decarboxylation of fatty acid. 5) Kolbe Reaction/ Electrolysis. | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ4OTgwNzE4NTc2/details> |
|  |  |  | Reactions of Alkanes:- 1) Halogenation | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ4OTU5NzA3MTE5/details> |
|  |  |  | Reactions of Alkanes:- 2) Combustion. | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MTk1MjE0MDE5MDk4/details> |
|  |  |  | Reactions of Alkanes:- 3) Pyrolysis a) Cracking b) Dehydrogenation | <https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MjQ5MjEzNTI0ODkw/details> |