Akole Taluka Education Society’s,

**Agasti Arts, Commerce Dadasaheb Rupwate Science College, Akole**

Tal. Akole, Dist. Ahmednagar 422601

**Name of the Teacher:** Prof. Premkumar Ramchandra Mali **Department:** Chemistry

**Class:** F. Y. B. Sc. (Inorganic Chemistry) 2019 Pattern **Semester:** 2

**Type of E- Content**: Google Classroom **Term:** 2

**Number of Lectures:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.**  **No**. | **Title of course with code** | **Topic** | **Sub topic/ Key Words** | **Link** |
| **1** | Inorganic Chemistry (CH-201) | Periodic Table & Periodicity of Elements | Introduction & Tricks to remember Periodic Table | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzQ4MzA2NzcyNjU2/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzQ4MzA2NzcyNjU2/details) |
|  |  |  | Features , Merits & Demerits of the long form of the Periodic Table | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjA2ODU4NzU5/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjA2ODU4NzU5/details) |
|  |  |  | Classification of Elements ( s , p , d , f ) block Elements | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjExNDA0NTIy/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjExNDA0NTIy/details) |
|  |  |  | 1) Aufbau Principle ,  2) Pauli's Exclusive Principle , 3) Hund's rule of maximum multiplicity. | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjk3OTc3Mjgx/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUxMjk3OTc3Mjgx/details) |
|  |  |  | Electronic Configuration of Elements | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMDEwNTYzMzQ2/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMDEwNTYzMzQ2/details) |
|  |  |  | Anomalous Electronic Configuration of Elements | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMDI1NjE0Nzc0/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMDI1NjE0Nzc0/details) |
|  |  |  | Stability of Half & Full filled orbitals. | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMzY2NjEzOTk3/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzUyMzY2NjEzOTk3/details) |
|  |  |  | Trends in Periodic Table:- Atomic Size/ Radii | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzcyOTUwNjMwNDU4/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzcyOTUwNjMwNDU4/details) |
|  |  |  | Ionization Potential Ionization energy Electronegativity Metallic Character | [**https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzczMTExMTIyNDcw/details**](https://classroom.google.com/c/MTk0OTA4MDg2MDQy/m/MzczMTExMTIyNDcw/details) |