

The Uranium

FREE 9-Day ONLINE Chemistry Classes on

Advanced Basic Concepts of Chemistry & Advanced Stoichiometry

for Class-XI/+2 first year (For Beginners) from both ଓଡ଼ିଆ and English Schools

For Class X Appeared (Both ଓଡ଼ିଆ & English Schools)

(23-31, March 2026; Daily 6.00 am to 8.00 am)

by **Dr. S. S. Tripathy**, Chairman and Head, *The Uranium*

(Ex-Professor of Chemistry, Ravenshaw University)

Online Mode: Zoom

Meritorious and hard-working students expecting to secure more than 90% in Science and Maths in Class-X Board(English or Odia) are eligible to join our classes directly using Zoom App. Such students are required to apply through **WhatsApp (9437064155)** with following information before **18th March 2026.(Name, School, WhatsApp Number)**

Usefulness of the Course: This course will be highly useful for JEE and NEET aspirants.

9 Day Course Lay-Out:

Advanced Language of Chemistry: Writing Ionic Equations, Concept of Oxidation Number(ON/OS) including paradoxical examples; Redox and Non-redox(metathesis) reactions, Balancing Redox reaction equations by ON method, Ion-electron method, EBD(Electron Balance Diagram) method

Simple Stoichiometry: Advanced Mole Concept, Simple Stoichiometric Calculations involving mole-mole, mole-mass, mole-volume, mass-volume, volume-volume relationships; Eudiometry. Equivalent Concept.

Solution Stoichiometry: Concentration of solution: Molarity, W/W%, W/V%, V/V%, ppm, Equivalent concept & Normality. **Volumetric Analysis with titration experiments** and numericals involving these.

YouTube Live Streaming: **All the Zoom classes will be live streamed in YouTube.** YouTube videos are unrestricted. However, the Zoom Classes will be allowed to a selected few based on merit. The links of Zoom classes will be shared in a new WhatsApp group to be formed soon. Also the links for YouTube live streaming will be shared in www.theuranium.in.

Quiz Test and Prizes: Quiz test and prize giving will be made at the end of the program.



(S. S. Tripathy)