

## Quadrant II – Transcript and Related Materials

**Programme: Bachelor of Science (Third Year)**

**Subject: Chemistry**

**Paper Code: CHC 106**

**Paper Title: Inorganic chemistry**

**Unit 1: Module Name: Metal excess defect and metal deficiency defects**

**Module No: 14**

**Name of the Presenter: Dr Jyoti V Sawant**

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✓ **Glossary of terms/words,**

- 1. Defects or atomic imperfections: The defects arises due to the irregularities or deviations from ideal arrangement of an atoms around an atom or ion or point in a crystal.**
- 2. Interstitial defect: Some atoms or molecules occupies interstitial position in the crystal lattice.**
- 3. F-center: Anionic vacancy in which a crystal lattice is occupied by one or more unpaired electrons to maintain the electrical neutrality of the solid.**
- 4. Non -stoichiometric (Berthollide) defects: Compounds in which numbers of positive ions and negative ions are different from that indicated in the ideal chemical formula.**