

**TTWRDC(G)-KHAMMAM**

**Department of Chemistry**

**EXTENSION LECTURE:**

**(AY - 2023-2024)**

**By**

**V.Veeralaxmi**

**Degree Lecturer**

**TSWRDC (W) Khammam**



### **Seminar talk:**

In this talk Veeralakshmi madam gave detail insight of in **Chromatography techniques** is used to separate a mixture into its components. The mixture is dissolved in a

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fluid solvent called the *mobile phase*, which carries it through a system (a column, a capillary tube, a plate, or a sheet) on which a material called the stationary phase is fixed. Classification of Chromatography based on stationary phase and mobile phase, they are classified in to Adsorption chromatography and Partition chromatography and explained about different types of chromatographies: Thin Layer Chromatography, Paper Chromatography, Coloumn Chromatography, Gas Chromatography, Ion Exchange Chromatography, High-Performance Liquid Chromatograhly.

