**Course Name: Physical Chemistry of Materials**

**Paper Number: 4311**

**Section: Full Paper**

**Course Instructor: Dr Raj K. Sharma**

**Study Material (name of topic/chapters): As mentioned below with links**

Please go through the material belwo and for background please go to the e resources as per the syllabus books listed below.

1. High Tc Superconductors

<https://www.youtube.com/watch?v=A9SX7jpuBIg>

1. Solid state devices ( please read rectifiers, transistors and molecular rectifiers)

<https://www.slideshare.net/saurav9119/molecular-electronics-57611261>

1. Fullerene and doped superconductors

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.703.1555&rep=rep1&type=pdf>