

Syllabus

Fall in: 18/03/2017

Code: Phys.

Name: Solid State

Text Book:

"Solid State Physics", by K. Vijaya Kumar and T. Sreekanth

Course Content:

| Week | Topic |
|-------|---------------------------------|
| 1 | Bonding in Solids |
| 2-3 | Crystal Structure |
| 4-5-6 | Crystal Planes and Point Defect |
| 7 | 1 st period Exam |
| 8-9 | Electron Theory of Metals |
| 10-11 | Dielectrics |
| 12 | Thermal properties |
| | Final Exam |
| | |
| | |
| | |
| | |
| | |