**DEPARTMENT OF PHYSICS**

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

(Established by the State Legislature Act XII of 1956)

(“A” Grade, NAAC Accredited)

The Lectures to be taught during 3rd and 4th week of February, 2015 for the Electronic-II (PHY-404B) paper by Prof. M.S. Yadav are as follows:

 IC Fabrication

Introduction

Silicon Planar Process

Crystal growth

C.Z. Crystals

F.Z. Crystals

Wafer Production

Thermal Oxidation

High Pressure Oxidation

Concentration Enhanced Oxidation

Chlorine Oxidation

Reference Book: Device Electronic for integrated Circuits by Muller and Kamins

(M.S. Yadav)

Prof. & Chairman