

Department of Electronics & Communication Engineering

Faculty of Engineering, Integral University, Lucknow

Course Distribution

Semiconductor Device Modeling & Circuit Simulation (GEC-101)

M.Tech (Part Time) Electronics Circuit & System Second Semester

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Course Web Address : <http://sbajpai.yolasite.com/semiconductor-device-modeling.php>

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	Simulation & Layout design DC, AC & Transient analysis of linear and non linear circuits	5	39,84,131
	Logic & Timing Simulation	Lecture Notes	

Text Books :

1. Ben G. Streetman & Sanjay Banerjee, "Solid State Electronic Devices", Sixth Edition , Prentice Hall of India Private Limited, India.
2. Jacob Millman & Christos C. Halkias,, "Integrated Electronics", Second Edition , Tata McGraw Hill Publication, India.
3. Kannan Kanno, "Semiconductor Devices and Physics", Prentice Hall of India Private Limited, India.
4. Jan M. Rabaey, Anantha Chandrakasan and Borivoje Nikolic, "Digital Integrated Circuits", Second Edition, Prentice Hall of India Private Limited, India.
5. M.Rashid, "Introduction to PSpice",