ELECTRICAL AND ELECTRONIC ENGINEERING COURSES [AY2014-2015]

Textbooks and References

EE1002 PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGINEERING

TEXTBOOKS


REFERENCES


EE2001 CIRCUIT ANALYSIS

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EE2002 ANALOG ELECTRONICS

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EE2003 SEMICONDUCTOR FUNDAMENTALS

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EE2004 DIGITAL ELECTRONICS

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EE2006 ENGINEERING MATHEMATICS I

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EE2007 ENGINEERING MATHEMATICS II

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REFERENCES


EE2008 Data structures and algorithms

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EE2010 SIGNALS AND SYSTEMS

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**EE0001 EFFECTS OF ELECTROMAGNETIC RADIATION ON HUMANS**

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**EE3002 MICROPROCESSORS**

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**EE3010 ELECTRICAL DEVICES AND MACHINES**

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**EE3011 MODELING & CONTROL**

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**EE3012 COMMUNICATION PRINCIPLES**

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EE3013  SEMICONDUCTOR DEVICES AND PROCESSING

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EE3014  DIGITAL SIGNAL PROCESSING

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EE3015  POWER SYSTEMS AND PROTECTION

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EE3017 COMPUTER COMMUNICATIONS

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EE3019 INTEGRATED ELECTRONICS

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**EE4153 TELECOMMUNICATION SYSTEMS**

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**EE4188 WIRELESS COMMUNICATIONS**

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EE4207 CONTROL ENGINEERING DESIGN

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EE4208 Intelligent Systems Design

REFERENCE


EE4265 PROCESS CONTROL SYSTEMS

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REFERENCES


EE4266 COMPUTER VISION

TEXTBOOK

REFERENCES


**EE4268 Robotics and Automation**

**TEXTBOOK**


**REFERENCES**


**EE4303 MIXED-SIGNAL IC DESIGN**

**TEXTBOOK**


**REFERENCES**


**EE4305 DIGITAL DESIGN USING HARDWARE DESCRIPTION LANGUAGE**

**TEXTBOOK**


**REFERENCES**


EE4340 VLSI SYSTEMS

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EE4341 ADVANCED ANALOG CIRCUITS

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EE4344 ANALYSIS AND DESIGN OF INTEGRATED CIRCUITS

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EE4503 POWER ENGINEERING DESIGN

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EE4504 DESIGN OF CLEAN ENERGY SYSTEMS

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EE4532  POWER ELECTRONICS AND DRIVES

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EE4534  MODERN DISTRIBUTION SYSTEMS WITH RENEWABLE RESOURCES

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EE4717  WEB APPLICATION DESIGN

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**EE4718 ENTERPRISE NETWORK DESIGN**

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**EE4758 COMPUTER SECURITY**

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**EE4761 COMPUTER NETWORKING**

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**EE4791 DATABASE SYSTEMS**

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