# UNIVERSITY OF MUMBAI

# FIRST YEAR

# ELECTRONICS ENGINEERING

## SEMESTER - I

**STUDENT'S NAME :** Vipin Vasantkumar Bodele

**UNIVERISTY OF MUMBAI SEAT NO :** 4284

**DATE OF PASSING :** December 2005

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Applied Mathematics - I | 5 | 0 | - | - | - | 100 | 40 | **40** | - | - | - | - | - | - | - | - | - |
| Applied Sciences - I | 4 | 0 | 25 | 10 | **22** | 100 | 40 | **50** | - | - | - | - | - | - | - | - | - |
| Basic Electricity & Electronics Engg. | 6 | 3 | 25 | 10 | **22** | 100 | 40 | **45** | - | - | - | - | - | - | - | - | - |
| Basic work shop - I | 0 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Computer Programming - I | 4 | 3 | 25 | 10 | **19** | 100 | 40 | **40** | - | - | - | - | - | - | - | - | - |
| Engineering Mechanics | 6 | 3 | 25 | 10 | **22** | 100 | 40 | **57** | - | - | - | - | - | - | - | - | - |
| Total | 25 | 13 | 100 | 40 | **85** | 500 | 200 | **232** | 0 | 0 | **0** | 0 | 0 | **0** | 0 | 0 | **0** |

TOTAL OF SEMESTER I : 317 / 600 #

PERCENTAGE = 52.83%

## SEMESTER - II

**UNIVERISTY OF MUMBAI SEAT NO :** 3515

**DATE OF PASSING :** May 2006

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Applied Mathematics - II | 5 | 0 | - | - | - | 100 | 40 | **46** | - | - | - | - | - | - | - | - | - |
| Applied Sciences - II | 4 | 0 | 25 | 10 | **22** | 100 | 40 | **50** | - | - | - | - | - | - | - | - | - |
| Basic work shop - II | 0 | 4 | 100 | 40 | **75** | - | - | - | - | - | - | - | - | - | - | - | - |
| Communication Skills | 2 | 0 | 25 | 10 | **16** | 100 | 40 | **58** | - | - | - | - | - | - | - | - | - |
| Computer Programming - II | 4 | 3 | 25 | 10 | **22** | 100 | 40 | **48** | - | - | - | - | - | - | - | - | - |
| Engineering Drawing | 4 | 6 | 25 | 10 | **18** | 100 | 40 | **77** | - | - | - | - | - | - | - | - | - |
| Total | 19 | 13 | 200 | 80 | **153** | 500 | 200 | **279** | 0 | 0 | **0** | 0 | 0 | **0** | 0 | 0 | **0** |

TOTAL OF SEMESTER II : 432 / 700 #

PERCENTAGE = 61.71%

TOTAL OF SEMESTER I & II = 749/1300

PERCENTAGE = 57.62%

**REMARKS : SECOND CLASS**

LEGENDS USED : Lec: Lecture, Prac: Practicals, Min: Minimum, Max: Maximum, Obt: Obtained, #: Passed in One attempt, Engg: Engineering, Tuts: Tutorials, *: Grace Marks, P: Passed, $: Carried Over

# UNIVERSITY OF MUMBAI

## SECOND YEAR

## ELECTRONICS ENGINEERING

## SEMESTER - III

**STUDENT'S NAME :** Vipin Vasantkumar Bodele

**UNIVERISTY OF MUMBAI SEAT NO :** 310

**DATE OF PASSING :** November 2006

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Applied Mathematics III | 4 | 0 | - | - | **-** | 100 | 40 | **57** | - | - | **-** | - | - | **-** | - | - | **-** |
| Basics of Communication Engineering | 3 | 3 | 25 | 10 | **21** | 100 | 40 | **55** | - | - | **-** | - | - | **-** | - | - | **-** |
| Digital Design I | 3 | 2 | 25 | 10 | **24** | 100 | 40 | **64** | - | - | **-** | - | - | **-** | - | - | **-** |
| Electrical Networks Analysis & Synthesis | 3 | 2 | 25 | 10 | **21** | 100 | 40 | **54** | - | - | **-** | - | - | **-** | - | - | **-** |
| Electronic Circuts Analysis & Design I | 4 | 3 | 25 | 10 | **16** | 100 | 40 | **46** | - | - | **-** | - | - | **-** | - | - | **-** |
| Numerical Techniques | 3 | 2 | 25 | 10 | **21** | 100 | 40 | **40** | - | - | **-** | - | - | **-** | - | - | **-** |
| Total | 20 | 12 | 125 | 50 | **103** | 600 | 240 | **316** | 0 | 0 | **0** | 0 | 0 | **0** | 0 | 0 | **0** |

TOTAL OF SEMESTER III : 419 / 725 #

PERCENTAGE = 57.79%

## SEMESTER - IV

**UNIVERISTY OF MUMBAI SEAT NO :** 318

**DATE OF PASSING :** May 2007

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Applied Mathematics IV | 4 | 0 | - | - | **-** | 100 | 40 | **62** | - | - | **-** | - | - | **-** | - | - | **-** |
| Control Systems Engineering | 3 | 2 | 25 | 10 | **20** | 100 | 40 | **40** | - | - | **-** | 25 | 10 | **16** | - | - | **-** |
| Digital Design II | 3 | 2 | 25 | 10 | **22** | 100 | 40 | **63** | 25 | 10 | **22** | 25 | 10 | **21** | - | - | **-** |
| Electrical Machines & Instruments | 3 | 2 | 25 | 10 | **20** | 100 | 40 | **61** | - | - | **-** | 25 | 10 | **23** | - | - | **-** |
| Electronic Circuts Analysis & Design II | 4 | 3 | 25 | 10 | **20** | 100 | 40 | **40** | 25 | 10 | **22** | 25 | 10 | **21** | - | - | **-** |
| Principles of Microprocessor Systems | 3 | 3 | 25 | 10 | **22** | 100 | 40 | **59** | - | - | **-** | 25 | 10 | **20** | - | - | **-** |
| Total | 20 | 12 | 125 | 50 | **104** | 600 | 240 | **325** | 50 | 20 | **44** | 125 | 50 | **101** | 0 | 0 | **0** |

TOTAL OF SEMESTER IV : 574 / 900 #

PERCENTAGE = 63.78%

TOTAL OF SEMESTER III & IV = 993/1625

PERCENTAGE = 61.11%

**REMARKS : FIRST CLASS**

LEGENDS USED : Lec: Lecture, Prac: Practicals, Min: Minimum, Max: Maximum, Obt: Obtained, #: Passed in One attempt, Engg: Engineering, Tuts: Tutorials, *: Grace Marks, P: Passed, $: Carried Over

# UNIVERSITY OF MUMBAI

# THIRD YEAR

# ELECTRONICS ENGINEERING

## SEMESTER - V

**STUDENT'S NAME :** Vipin Vasantkumar Bodele

**UNIVERISTY OF MUMBAI SEAT NO :** 316                    **DATE OF PASSING :** November 2007

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Applied Mathematics V | 4 | 0 | - | - | **-** | 100 | 40 | **48** | - | - | **-** | - | - | **-** | - | - | **-** |
| Continuous Time Signals & Systems | 6 | 0 | 25 | 10 | **18** | 100 | 40 | **42** | - | - | **-** | - | - | **-** | - | - | **-** |
| Electronic Measuring Instrument | 3 | 2 | 25 | 10 | **20** | 100 | 40 | **58** | - | - | **-** | - | - | **-** | - | - | **-** |
| Electronics Workshop | 0 | 3 | - | - | **-** | - | - | **-** | - | - | **-** | 25 | 10 | **22** | - | - | **-** |
| Engg. Electromagetics | 4 | 0 | 25 | 10 | **19** | 100 | 40 | **40** | - | - | **-** | - | - | **-** | - | - | **-** |
| Microprocessors & Microcontrollers | 3 | 3 | 25 | 10 | **22** | 100 | 40 | **64** | - | - | **-** | - | - | **-** | - | - | **-** |
| Presentation & Communication Tech. | 2 | 2 | 25 | 10 | **18** | - | - | **-** | - | - | **-** | 25 | 10 | **20** | - | - | **-** |
| Total | 22 | 10 | 125 | 50 | **97** | 500 | 200 | **252** | 0 | 0 | **0** | 50 | 20 | **42** | 0 | 0 | **0** |

TOTAL OF SEMESTER V : 391 / 675 #                         PERCENTAGE = 57.93%

## SEMESTER - VI

**UNIVERISTY OF MUMBAI SEAT NO :** 315                    **DATE OF PASSING :** May 2008

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Analog Integrated Circuits & Applications | 4 | 3 | 25 | 10 | **16** | 100 | 40 | **44** | - | - | **-** | 25 | 10 | **17** | - | - | **-** |
| Communication System | 3 | 3 | 25 | 10 | **19** | 100 | 40 | **43** | - | - | **-** | 25 | 10 | **19** | - | - | **-** |
| Computer Organization | 3 | 2 | 25 | 10 | **18** | 100 | 40 | **65** | - | - | **-** | 25 | 10 | **19** | - | - | **-** |
| Discrete Time Signal Processing | 3 | 2 | 25 | 10 | **19** | 100 | 40 | **51** | - | - | **-** | 25 | 10 | **11** | - | - | **-** |
| Industrial Economics & Magagement | 3 | 0 | - | - | **-** | 100 | 40 | **64** | - | - | **-** | - | - | **-** | - | - | **-** |
| Microwave & Optical Fiber Communication | 4 | 2 | 25 | 10 | **19** | 100 | 40 | **58** | - | - | **-** | 25 | 10 | **19** | - | - | **-** |
| Total | 20 | 12 | 125 | 50 | **91** | 600 | 240 | **325** | 0 | 0 | **0** | 125 | 50 | **85** | 0 | 0 | **0** |

TOTAL OF SEMESTER VI : 501 / 850 #                        PERCENTAGE = 58.94%

TOTAL OF SEMESTER V & VI = 892/1525                       PERCENTAGE = 58.49%

**REMARKS : SECOND CLASS**

LEGENDS USED : Lec: Lecture, Prac: Practicals, Min: Minimum, Max: Maximum, Obt: Obtained, #: Passed in One attempt, Engg: Engineering, Tuts: Tutorials, *: Grace Marks, P: Passed, $: Carried Over

# UNIVERSITY OF MUMBAI

# FOURTH/FINAL YEAR

# ELECTRONICS ENGINEERING

## SEMESTER - VII

**STUDENT'S NAME :** Vipin Vasantkumar Bodele

**UNIVERISTY OF MUMBAI SEAT NO :** 9453                                    **DATE OF PASSING :** December 2008

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Basics of VLSI | 4 | 2 | 25 | 10 | **22** | 100 | 40 | **50** | - | - | **-** | 25 | 10 | **17** | - | - | **-** |
| Digital Communication | 3 | 2 | 25 | 10 | **21** | 100 | 40 | **56** | - | - | **-** | 25 | 10 | **21** | - | - | **-** |
| Elective I : (Image Processing) | 4 | 2 | 25 | 10 | | 100 | 40 | | - | - | **-** | 25 | 10 | | - | - | **-** |
| Filter Theory & Applications | 4 | 2 | 25 | 10 | **23** | 100 | 40 | **68** | - | - | **-** | - | - | **-** | - | - | **-** |
| Instrumentation Systems | 3 | 2 | 25 | 10 | **22** | 100 | 40 | **54** | - | - | **-** | - | - | **-** | - | - | **-** |
| Project A | 4 | 0 | 25 | 10 | **22** | - | - | **-** | - | - | **-** | - | - | **-** | - | - | **-** |
| Total | 22 | 10 | 150 | 60 | **110** | 500 | 200 | **228** | 0 | 0 | **0** | 75 | 30 | **38** | 0 | 0 | **0** |

TOTAL OF SEMESTER VII : 494 / 725 #                                              PERCENTAGE = 68.14%

## SEMESTER - VIII

**UNIVERISTY OF MUMBAI SEAT NO :** 9456                                    **DATE OF PASSING :** May 2009

| SUBJECTS | LECTS & TUTS / WEEK | PRACS / WEEK | TERM WORK | | | THEORY | | | PRACTICAL | | | ORAL | | | INTERNAL ASSESMENT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT | MAX | MIN | OBT |
| Data Communication & Networking | 4 | 2 | 25 | 10 | **23** | 100 | 40 | **52** | - | - | **-** | 25 | 10 | **23** | - | - | **-** |
| Elective II : ( Robotics ) | 4 | 2 | 25 | 10 | **20** | 100 | 40 | **67** | - | - | **-** | 25 | 10 | **19** | - | - | **-** |
| Mechatronics | 4 | 2 | 25 | 10 | **20** | 100 | 40 | **57** | - | - | **-** | 25 | 10 | **22** | - | - | **-** |
| Power Electronics | 4 | 2 | 25 | 10 | **22** | 100 | 40 | **57** | - | - | **-** | 25 | 10 | **21** | - | - | **-** |
| Project B | 0 | 8 | 50 | 20 | **49** | - | - | **-** | - | - | **-** | 50 | 20 | **48** | - | - | **-** |
| Total | 16 | 16 | 150 | 60 | **134** | 400 | 160 | **233** | 0 | 0 | **0** | 150 | 60 | **133** | 0 | 0 | **0** |

TOTAL OF SEMESTER VIII : 500 / 700 #                                             PERCENTAGE = 71.43%

TOTAL OF SEMESTER VII & VIII = 994/1425                                          PERCENTAGE = 69.75%

**REMARKS : FIRST CLASS WITH DISTINCTION**

LEGENDS USED : Lec: Lecture, Prac: Practicals, Min: Minimum, Max: Maximum, Obt: Obtained, #: Passed in One attempt, Engg: Engineering, Tuts: Tutorials, *: Grace Marks, P: Passed, $: Carried Over