Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2018-19

Statement of Syllabus Covered

Name of the teacher: Mr. D. M. Panhalkar

Subject: Electronics

Class	Sem	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B. Sc-III	V	Paper- *IX*- Linear Integrated circuits	Unit 1: Linear IC's and Amplifier Unit 2: Op-amp as Analog System Building Blocks. Unit 3: Precision Rectifier and Active filters Unit 4: Phase Locked –Loops (PLL)	Unit 1: Linear IC's and Amplifier Unit 2: Op-amp as Analog System Building Blocks. Unit 3: Precision Rectifier and Active filters Unit 4: Phase Locked –Loops (PLL)	-----	Completed
B. Sc-III	VI	Paper- XIII)- Industrial Processes control and PLC programming	Unit 1: Introduction to control system Unit 2: Control System Unit 3: Introduction to PLC Unit 4: Ladder Programming basics	Unit 1: Introduction to control system Unit 2: Control System Unit 3: Introduction to PLC Unit 4: Ladder Programming basics	-----	Completed
B. Sc-III	V & VI	Practicals	32 Practical's	32 Practical's	-----	Completed

Mr. D.M.Panhalkar

VIVEKANAND COLL. KOLHAPUR ESTD JUNE 1964

Mr. D. M. Panhalkar

Head

Department of Electronics

Vivekanand College, Kolhapur.

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2018-19

Statement of Syllabus Covered

Name of the teacher: Mr. P. R. Bagade

Subject: Electronics

Class	Sem	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B. Sc-I	I	DSC-1005A Network Analysis and Analog Electronics	Unit 1: Bipolar Junction Transistor Unit 2: Unipolar Devices Unit 3: Amplifiers Unit 4: Feedback Amplifier & Oscillators	Unit 1: Bipolar Junction Transistor Unit 2: Unipolar Devices Unit 3: Amplifiers Unit4:FeedbackAmplifier & Oscillators:	-----	Completed
B. Sc-I	I	DSC-1005B Linear And Digital Integrated Circuits	Unit 1: Operational Amplifier Unit 2: Clock and Timer Unit 3: Combinational circuits Unit 4: D-A and A-D Conversion	Unit 1: Operational Amplifier Unit 2: Clock and Timer Unit 3: Combinational circuits Unit 4: D-A and A-D Conversion	-----	Completed
B. Sc-II	III	Paper V Digital Electronics	Unit 1: Flip-Flop Unit 2: Counter Techniques Unit 3: Shift Register, Buffer &Latch Unit 4: Mux, De-mux , Decoder &Encoder	Unit 1: Flip-Flop Unit 2: Counter Techniques Unit 3: Shift Register, Buffer &Latch Unit 4: Mux, De-mux , Decoder & Encoder	-----	Completed
B. Sc-II	IV	Paper VII Linear and Wave shaping circuits	Unit 1: Resonance and Two port Networks Unit 2: Wave shaping & time base circuits Unit 3: Multivibrators Unit 4: Fourier series & Laplace Transform	Unit 1: Resonance and Two port Networks Unit 2: Wave shaping & time base circuits Unit 3: Multivibrators Unit 4: Fourier series & Laplace Transform	-----	Completed
B. Sc-III	V	Paper-X Communication Systems - I	Unit 1: Communication Systems Unit 2: Modulation & Demodulation Unit 3: Antenna & Radio Wave Propagation Unit 4: Radio Receivers and Television	Unit 1: Communication Systems Unit 2: Modulation & Demodulation Unit 3: Antenna & Radio Wave Propagation Unit 4: Radio Receivers and Television	-----	Completed
B. Sc-III	VI	Paper-XIV Communication Systems - II	Unit 1: Telephone Communication System Unit 2: Modern Communication Systems Unit 3: Digital Communication Unit 4: Wireless Communication	Unit 1: Telephone Communication System Unit 2: Modern Communication Systems Unit 3: Digital Communication Unit 4: Wireless Communication	-----	Completed
B.Sc-II	III & IV	Practicals	32 Practicals	32 Practicals	-----	Completed
B. Sc-III	V & VI	Practicals	32 Practical's	32 Practical's	-----	Completed

Mr. P. R. Bagade

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Mr. D. M. Panhalkar

Head

Department of Electronics

Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2018-19

Syllabus Completion Report

Name of the Teacher: Mr. N. P. Mote
Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B. Sc-II	III and IV	DSC -1005 C Electronics Communication and Microprocessor 8085 DSC -1005 D Advance Communication and Microcontroller 8051	1) Microcomputer Organization: 2) Architecture of 8085 Microprocessor: 3) Instruction Set of 8085 Microprocessor : 4) Programming with 8085 Microprocessor: 1) Introduction to 8051 microcontroller: 2) Instruction Set of 8051: 3) Timers, Serial port and Interrupts(Assembly)programming of 8051: 4) Interfacing of Devices with 8051:	1) Microcomputer Organization: 2) Architecture of 8085 Microprocessor: 3) Instruction Set of 8085 Microprocessor : 4) Programming with 8085 Microprocessor: 1) Introduction to 8051 microcontroller: 2) Instruction Set of 8051: 3) Timers, Serial port and Interrupts(Assembly)programming of 8051: 4) Interfacing of Devices with 8051:	-----	Completed
B.Sc-.II	III and IV	Practicals	Practicals	Practicals	-----	Completed
B.Sc-.III	V and VI	Practicals	Practicals	Practicals	-----	Completed

Mr. N. P. Mote

Mr. D. M. Panhalkar
Head
Department of Electronics
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2018-2019

Syllabus Completion Report

Name of the teacher: Miss.S.B.Demanna

Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc.-I	I & II	Practicals	25 Practicals(2 batch)	25Practicals(2batch)	-----	Completed
B.Sc.-II	III & IV	Practicals	32 Practicals(2batch)	32 Practicals(2batch)	-----	Completed

Miss. S. B. Demanna

VIVEKANAND COLLEGE ESTD JUNE 1964 KOLHAPUR-416 003

Mr.D.M.Panhalkar

Head

Department of Electronics

Vivekanand College, Kolhapur.