

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2020-21

Statement of Syllabus Covered

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

Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B. Sc-II	III	DSC-1005C Section-I Electronics Communication	Unit 1:Electronic Communication Unit 2: Analog Modulation- Demodulation Unit 3: Satellite communication	Unit 1:Electronic Communication Unit 2: Analog Modulation- Demodulation Unit 3: Satellite communication	-----	Completed
B. Sc-II	IV	DSC-1005D Section-I Advance Communication	Unit 1: Analog Pulse Modulation Unit 2: Digital Pulse Modulation Unit 3: Mobile Telephony System	Unit 1: Analog Pulse Modulation Unit 2: Digital Pulse Modulation Unit 3: Mobile Telephone System	-----	Completed
B. Sc-III	V	DSC-1005E2 Section -II Antenna and Wave Propagation	Unit 1: Antenna Basics Unit 2: Antenna as a Transmitter Unit 3: Radiating wire Structures Unit 4: Radio Wave Propagation	Unit 1: Antenna Basics Unit 2: Antenna as a Transmitter Unit 3: Radiating wire Structures Unit 4: Radio Wave Propagation	-----	Completed
B. Sc-III	VI	DSC-1005F2 Section - I Power Electronics	Unit 1: Power semiconductor devices Unit 2: Thyristors Unit 3: Controlled Rectifiers Unit 4: Power Systems	Unit 1: Power semiconductor devices Unit 2: Thyristors Unit 3: Controlled Rectifiers Unit 4: Power Systems	-----	Completed
B. Sc-II	III & IV	Practicals	28 Practicals	28 Practicals	-----	Completed
B. Sc-III	V & VI	Practicals	28 Practicals	28 Practicals	-----	Completed



Mr. P. R. Bagade





Dr. C. B. Patil

Head
Department of Electronics
Vivekanand College, Kolhapur.

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Academic Year: 2020-21

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. I	I and II	Practicals	Practicals	Practicals		Completed


Mr. N. P. Mote




Mr. N. P. Mote

Department of Electronics
Vivekanand College, Kolhapur.

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2020-21

Syllabus Completion Report

Name of the teacher: Dr. P. S. Jadhav
Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc.-I	I	DSC-1005A Section-II Digital Electronics I	Unit-1: Number System, Binary Codes and Binary Arithmetic: Unit 2: Logic Gates, Boolean algebra Unit 3: Logic Families Unit 4: Combinational circuits	Unit-1: Number System, Binary Codes and Binary Arithmetic: Unit 2: Logic Gates, Boolean algebra Unit 3: Logic Families Unit 4: Combinational circuits	-----	Completed
B.Sc.-I	II	DSC-1005B Section-II Digital Electronics II	Unit-1: Sequential Circuit Unit-2: Shift registers and Counters Unit-3: Converters Unit -4: Study of Timer IC555	Unit-1: Sequential Circuit Unit-2: Shift registers and Counters Unit-3: Converters Unit -4: Study of Timer IC555	-----	Completed
B.Sc.-III	V	DSC-1005E2 Section -I Linear Integrated Circuit	Unit 1: Operational Amplifier and Linear IC's Unit 2: Applications of Op-amp Unit 3: Precision Rectifier and Active filters Unit 4: Phase Locked Loops (PLL)	Unit 1: Operational Amplifier and Linear IC's Unit 2: Applications of Op-amp Unit 3: Precision Rectifier and Active filters Unit 4: Phase Locked Loops (PLL)	-----	Completed
B.Sc.-III	VI	DSC-1005F2 Section - II FPGA and VHDL Programming	Unit 1: Introduction to Programmable Logic Devices Unit 2: Basics of VHDL Unit 3: VHDL Programming Unit 4: Sequential and Combinational Circuit Design	Unit 1: Introduction to Programmable Logic Devices Unit 2: Basics of VHDL Unit 3: VHDL Programming Unit 4: Sequential and Combinational Circuit Design	-----	Completed
B.Sc.-I	I & II	Practicals	25 Practicals(2 batches)	25 Practicals(2 batches)	-----	Completed
B.Sc.-II	III & IV	Practicals	40 Practicals(1 batch)	28 Practicals(1 batch)	-----	Completed

Dr. P.S. Jadhav

Mr. D. M. Panhalkar

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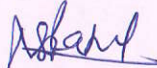
Academic Year: 2020-21

Syllabus Completion Report


Name of the teacher: Dr. Milind S. Patil

Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B. Sc-III	VI	DSE1005 F1 Section II Industrial Process Control, PLC Programming and Advanced Microcontroller and Embedded System	Unit 1: Embedded Systems Design Unit 2: Introduction to AVR microcontroller Unit 3: AVR programming in C Unit 4: Peripheral interfacing and embedded system Unit 5: Designing of an Embedded System	Unit 1: Embedded Systems Design Unit 2: Introduction to AVR microcontroller Unit 3: AVR programming in C Unit 4: Peripheral interfacing and embedded system Unit 5: Designing of an Embedded System	-----	Completed
B.Sc.-III	V & VI	Practicals	27 Practicals	27 Practicals	-----	Completed
B.Sc-.III	VI	SEC 4 Embedded system design using Arduino	Unit 3: Display interfacing Unit 4: Interfacing sensors	Unit 3: Display interfacing Unit 4: Interfacing sensors	-----	Completed
B.Sc. I	I	Practicals	Practicals	Practicals		


Dr. Milind S. Patil




Mr. D. M. Panhalkar

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