

Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

Academic Year: 2019-20

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

JPB

Mr. D.M.Panhalkar



JPB

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Head
Department of Electronics
Vivekanand College, Kolhapur

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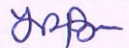
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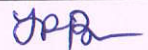
Name of the teacher: Mr. P. R. Bagade

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	Paper-X Communication Systems -I	Unit 1: Fundamentals of Communication Systems Unit 2: Modulation & Demodulation Unit 3: Antenna and Radio Wave Propagation Unit 4: Radio Receivers & Television	Unit 1: Fundamentals of Communication Systems Unit 2: Modulation & Demodulation Unit 3: Antenna and Radio Wave Propagation Unit 4: Radio Receivers &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 Practicals	32 Practicals	-----	Completed


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Academic Year: 2019-20

Syllabus Completion Report

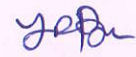
Name of the Teacher: Mr. N. P. Mote

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


Mr. N. P. Mote




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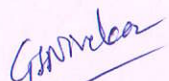
Academic Year: 2019-2020

Syllabus Completion Report


Name of the teacher: Dr. G. S. Nhivekar

Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc.-I	I	Analog Electronics	Unit 1: Bipolar Junction Transistor Unit 2: Unipolar Devices: Unit 3: Amplifiers: Unit 4: Feedback Amplifier and Oscillators	Unit 1: Bipolar Junction Transistor Unit 2: Unipolar Devices: Unit 3: Amplifiers: Unit 4: Feedback Amplifier and Oscillators	-----	Completed
B.Sc.-I	II	Digital Integrated Circuit	Unit 1: Number System and Codes: Unit 2: Logic Gates, Boolean algebra and logic analysis Unit 3: Sequential Circuits Unit 4: Shift registers and Counters	Unit 1: Number System and Codes: Unit 2: Logic Gates, Boolean algebra and logic analysis Unit 3: Sequential Circuits Unit 4: Shift registers and Counters	-----	Completed
B.Sc.-I	I & II	Practicals	25 Practicals (1 batch)	25Practicals(1batch)	-----	Completed
B.Sc.-III	V & VI	Practicals	32 Practicals(1batch)	32 Practicals(1batch)	-----	Completed


Dr. G. S. Nhivekar




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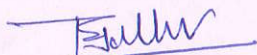
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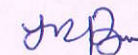
Name of the teacher: Dr. P. S. Jadhav

Subject: Electronics

Class	Semester	Course Title	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc.-III	V	8051 Microcontroller Interfacing and Embedded C	Unit 1: Serial communication in 8051 Unit 2: Programming of 8051 in C Unit 3: Real World Interfacing of 8051 Unit 4: Applications of 8051	Unit 1: Serial communication in 8051 Unit 2: Programming of 8051 in C Unit 3: Real World Interfacing of 8051 Unit 4: Applications of 8051	-----	Completed
B.Sc.-III	VI	Advanced Microcontroller Architecture: PIC	Unit 1: Introduction Unit 2: Instruction set and programming of PIC18 Unit 3: Facilities in PIC18 Part-I Unit 4: Facilities in PIC18 Part-II	Unit 1: Introduction Unit 2: Instruction set and programming of PIC18 Unit 3: Facilities in PIC18 Part-I Unit 4: Facilities in PIC18 Part-II	-----	Completed
B.Sc.-I	I & II	Practicals	25 Practicals(1 batch)	25Practicals(1batch)	-----	Completed
B.Sc.-II	III & IV	Practicals	32 Practicals(2batch)	32 Practicals(2batch)	-----	Completed



Dr. P.S. Jadhav



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