Vivekanand College, Kolhapur (Autonomous)
Department of Electronics
CO's PO's Mapping 2020-21

CO attainment Calculation

Course Name	Internal Average	External Average	(A+B)/2	Direct Level	Indirect average	Indirect level	80% direct + 20% indirect
DSE-1005E1	64.70	29.41	47.06	1	65.33	3	1.4
DSE-1005E2	64.70	47.50	56.10	2	53.84	2	2
DSE-1005F1	47.05	58.52	52.79	2	55.50	2	2
DSE-1005F2	70.58	58.62	64.60	3	55.00	2	2.8

CO attainment verification

Course Name	Course Code	CO Target	CO Attainment	Fully Attained or Not	Action Taken
LIC & 8051 μc	DSE-1005E1	3.00	1.4	Not attained	Need to focus on Unit Tests
Instrumentation & Antenna	DSE-1005E2	3.00	2.0	Nearly attained	Need to focus on Unit Tests
PLC & AVR	DSE-1005F1	3.00	2.0	Nearly attained	Need to focus on Unit Tests
Power Electronics & FPGA	DSE-1005F2	3.00	2.8	Satisfactorily	Try to attain excellent

PO Verification

PO	Attainment	Level
PO1	2.05	Very Good
PO2	2.04	Very Good
PO3	2.06	Very Good
PO4	2.05	Very Good
PO5	2.06	Very Good

PSO Verification

PSO	Attainment	Level
PSO1	2.05	Very Good
PSO2	2.07	Very Good
PSO3	2.05	Very Good

ESTD. JUNE 1964
VIVEKANAND COLLEGE KOLHAPUR-416 003

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