



G H RAISONI COLLEGE OF ENGINEERING NAGPUR

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

CRPF Gate No.3, Hingna Road, Digdoh Hills, Nagpur. Maharashtra-440016 (India)

Course wise Teaching Plan for Session : Summer Term 2018

Course : Microprocessor Based Systems

Faculty : sbhalerao - Shaliesh Bhalerao

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	To convey Course Outcomes, Program Outcomes to students. Objective of subject, syllabus, scheme, teaching plan , TAE, CAE discussion	02/05/2018	BECL303	A
1	2	Building Concepts of Microprocessor	02/05/2018	BECL303	A
1	3	Introduction to 16, 32, 64 bit Microprocessor	05/05/2018	BECL303	A
6	30	Register Model	06/05/2018	BECL303	A
6	31	Memory Management Unit, Latest trends in microprocessors systems	06/05/2018	BECL303	A
1	4	8086 / 8088 CPU architecture	07/05/2018	BECL303	A
1	5	Concurrent operation of EU and BIU	07/05/2018	BECL303	A
1	6	Memory Organization & Interfacing	08/05/2018	BECL303	A
1	7	Memory Organization & Interfacing	09/05/2018	BECL303	A
2	8	Addressing modes	09/05/2018	BECL303	A
6	32	Advanced Topics (Introduction of Android Qualcam processor architecture)	09/05/2018	BECL303	A
2	9	Instruction set, programming examples	12/05/2018	BECL303	A
2	10	Instruction set, programming examples	14/05/2018	BECL303	A
2	11	Pseudo Op-codes	14/05/2018	BECL303	A
2	12	Assembler Directives	15/05/2018	BECL303	A
2	13	Introduction to Software and Hardware tools	16/05/2018	BECL303	A
2	14	Cross assemblers, Logic analyzers, Emulators, Simulators	16/05/2018	BECL303	A
3	15	8086 / 88 Maximum Mode	19/05/2018	BECL303	A
3	16	Architecture of 8087	21/05/2018	BECL303	A
3	17	Interfacing 8087 to 8086/8088	21/05/2018	BECL303	A



G H RAISONI COLLEGE OF ENGINEERING NAGPUR

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

CRPF Gate No.3, Hingna Road, Digdoh Hills, Nagpur. Maharashtra-440016 (India)

Course wise Teaching Plan for Session : Summer Term 2018

Course : Microprocessor Based Systems

Faculty : sbhalerao - Shaliesh Bhalerao

Unit	Topic Code	Topic Covered	Date	Course	Section
3	18	Instruction set, programming examples	22/05/2018	BECL303	A
4	19	Basics of 8255	23/05/2018	BECL303	A
4	20	Interfacing Peripheral 8255	23/05/2018	BECL303	A
4	21	Interfacing Peripheral 8255	26/05/2018	BECL303	A
4	22	Interfacing and programming of ADC & DAC	28/05/2018	BECL303	A
4	23	Interfacing and programming of Peripheral 8253	28/05/2018	BECL303	A
5	24	Architecture Peripherals 8251	29/05/2018	BECL303	A
5	25	Programming of 8251	30/05/2018	BECL303	A
5	26	8279	30/05/2018	BECL303	A
5	27	Architecture DMA Controllers 8237	04/06/2018	BECL303	A
6	28	80386 Architecture	04/06/2018	BECL303	A
6	29	Real and Protected Mode	05/06/2018	BECL303	A