



CONSOLIDATED GRADE SHEET

BACHELOR OF TECHNOLOGY (MECHANICAL AND AUTOMATION ENGINEERING)

NAME: RISHABH SHARMA TOTAL CREDIT OF PROGRAMME: 214
 ENROLLMENT: 01313303616 MINIMUM CREDITS REQUIRED: 200
 FATHER'S NAME: MUKESH CHAND SHARMA YEAR OF COMPLETION: Nov, 2020
 YEAR OF ADMISSION: 2016 PROGRAMME DURATION: FOUR YEARS
 UNIVERSITY SCHOOL/ INSTITUTE: HMR INSTITUTE OF TECHNOLOGY & MANAGEMENT



PAPER	CS	INT	EXT	TOTAL	GRD (GP)	PAPER	CS	INT	EXT	TOTAL	GRD (GP)
FIRST SEMESTER											
APPLIED MATHEMATICS-I	4	17	25	42	P (4)	APPLIED PHYSICS-I	3	12	28	40	P (4)
MANUFACTURING PROCESSES	3	20	44	84	B+ (7)	ELECTRICAL TECHNOLOGY	3	16	24	40	P (4)
HUMAN VALUES AND PROFESSIONAL ETHICS-I	1	-	85	85	A+ (9)	FUNDAMENTALS OF COMPUTING	2	19	32	51	B (6)
APPLIED CHEMISTRY	3	18	37	55	B+ (7)	APPLIED PHYSICS LAB-I	1	20	42	62	B+ (7)
ELECTRICAL TECHNOLOGY LAB	1	38	49	87	A+ (9)	WORKSHOP PRACTICE	2	24	40	64	B+ (7)
ENGINEERING GRAPHICS LAB	2	33	38	71	A (8)	FUNDAMENTALS OF COMPUTING LAB	1	21	38	59	B+ (7)
APPLIED CHEMISTRY LAB	1	34	49	83	A+ (9)						
SECOND SEMESTER											
APPLIED MATHEMATICS-II	4	18	37	55	B+ (7)	APPLIED PHYSICS-II	3	19	28	47	C (5)
ELECTRONIC DEVICES	3	17	40	66	A (8)	INTRODUCTION TO PROGRAMMING	3	20	32	52	B (6)
ENGINEERING MECHANICS	3	16	23	40*	P (4)	COMMUNICATIONS SKILLS	3	22	47	69	A (8)
ENVIRONMENTAL STUDIES	3	18	30	48	C (5)	APPLIED PHYSICS LAB-II	1	30	48	78	A+ (9)
PROGRAMMING LAB	1	33	41	74	A (8)	ELECTRONIC DEVICES LAB	1	24	48	72	A (8)
ENGINEERING MECHANICS LAB	1	27	42	69	A (8)	ENVIRONMENTAL STUDIES LAB	1	29	44	73	A (8)
THIRD SEMESTER											
FLUID MECHANICS	4	20	20	40	P (4)	THERMAL SCIENCE	4	13	58	71	A (8)
STRENGTH OF MATERIAL	4	19	18	40*	P (4)	PRODUCTION TECHNOLOGY	4	14	36	50	B (6)
MATERIAL SCIENCE AND METALLURGY	3	14	25	40*	P (4)	ELECTRICAL MACHINES	3	11	43	54	B (6)
FLUID MECHANICS LAB	1	28	48	76	A+ (9)	ELECTRICAL MACHINES LAB	1	29	50	79	A+ (9)
STRENGTH OF MATERIAL LAB	1	32	45	77	A+ (9)	MACHINE DRAWING LAB	2	33	53	86	A+ (9)
FOURTH SEMESTER											
SWITCHING THEORY AND LOGIC DESIGN	3	11	34	45	C (5)	NUMERICAL ANALYSIS AND STATISTICAL TECHNIQUES	4	14	33	47	C (5)
THEORY OF MACHINES	4	12	32	44	P (4)	FLUID SYSTEMS	4	14	36	50	B (6)
MANUFACTURING MACHINES	4	10	26	40*	P (4)	MEASUREMENTS AND INSTRUMENTATION	3	17	28	45	C (5)
NCC/NSS	1	-	70	70	A (8)	SWITCHING THEORY AND LOGIC DESIGN LAB	1	32	48	80	A+ (9)
THEORY OF MACHINES LAB	1	29	45	74	A (8)	NUMERICAL ANALYSIS AND STATISTICAL TECHNIQUES LAB	1	32	37	69	A (8)
FLUID SYSTEMS LAB	1	29	47	76	A+ (9)	MANUFACTURING MACHINES LAB	1	29	40	69	A (8)
FIFTH SEMESTER											
COMMUNICATION SKILLS FOR PROFESSIONALS	1	14	51	65	A (8)	MANAGEMENT OF MANUFACTURING SYSTEMS	3	17	37	54	B (6)
METAL CUTTING AND TOOL DESIGN	4	16	28	44	P (4)	HEAT TRANSFER AND I.C. ENGINES	4	18	18	40*	P (4)
CONTROL SYSTEMS	4	14	43	57	B+ (7)	METROLOGY	3	20	32	52	B (6)
COMMUNICATION SKILLS FOR PROFESSIONALS LAB	1	33	52	85	A+ (9)	METAL CUTTING AND TOOL DESIGN LAB	1	35	47	82	A+ (9)
HEAT TRANSFER AND I.C. ENGINE LAB	1	31	47	78	A+ (9)	METROLOGY LAB	1	33	48	81	A+ (9)
CONTROL SYSTEMS LAB	1	30	44	74	A (8)	INDUSTRIAL TRAINING	1	31	52	83	A+ (9)
SIXTH SEMESTER											
MACHINE DESIGN	4	19	22	41	P (4)	AUTOMOBILE ENGINEERING	3	17	41	58	B+ (7)
OPERATIONS RESEARCH	4	12	47	59	B+ (7)	REFRIGERATION AND AIR CONDITIONING	4	19	25	44	P (4)
DATA COMMUNICATIONS AND NETWORKS	4	16	35	51	B (6)	MICROPROCESSORS AND MICROCONTROLLERS	4	15	19	40*	P (4)
MACHINE DESIGN LAB	1	30	51	81	A+ (9)	AUTOMOBILE ENGINEERING LAB	1	32	47	79	A+ (9)
DATA COMMUNICATIONS AND NETWORKS LAB	1	35	50	85	A+ (9)	MICROPROCESSORS AND MICROCONTROLLERS LAB	1	36	53	89	A+ (9)
REFRIGERATION AND AIR CONDITIONING LAB	1	33	44	77	A+ (9)	IN HOUSE TRAINING	1	29	50	79	A+ (9)
SEVENTH SEMESTER											
COMPUTER AIDED DESIGN	4	20	39	59	B+ (7)	COMPUTER INTEGRATED MANUFACTURING	4	16	39	55	B+ (7)
MECHATRONICS	3	17	42	59	B+ (7)	POWER PLANT ENGINEERING	3	18	38	56	B+ (7)
COMPUTATIONAL FLUID DYNAMICS	3	20	60	80	A+ (9)	COMPUTER AIDED DESIGN LAB	1	32	48	80	A+ (9)
COMPUTER INTEGRATED MANUFACTURING LAB	1	22	42	64	B+ (7)	MECHATRONICS LAB	1	30	50	80	A+ (9)
LAB BASED ON ELECTIVE I AND II	1	33	49	82	A+ (9)	MINOR PROJECT	3	35	35	90	O (10)
SUMMER TRAINING	1	-	93	93	O (10)						
EIGHTH SEMESTER											
HUMAN VALUES AND PROFESSIONAL ETHICS - II	1	18	41	59	B+ (7)	ENGINEERING SYSTEM MODELLING AND SIMULATION	4	21	38	59	B+ (7)
ROBOTICS	4	20	46	66	A (8)	SUPPLY CHAIN MANAGEMENT - PLANNING	3	21	55	76	A+ (9)
COMPUTER AIDED GRAPHICS AND PRODUCT DESIGN	3	20	50	70	A (8)	ENGINEERING SYSTEM MODELLING AND SIMULATION LAB	1	30	51	81	A+ (9)
ROBOTICS LAB	1	35	56	91	O (10)	LAB BASED ON ELECTIVE III OR IV	1	38	52	90	O (10)
MAJOR PROJECT	8	32	51	83	A+ (9)						
CREDITS EARNED: 214	CGPA: 6.59		EQUIVALENT PERCENTAGE: 65.9			DIVISION: FIRST					

CS: Credit Secure; INT: Internal Marks; EXT: External Marks; ABS: Absent; CAN: Cancel; GRD: Grade; GP: Grade Point
 Minimum Cumulative Grade Point Average (CGPA) required for the award of the Degree is 4.

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