

CONSOLIDATED GRADE SHEET

BACHELOR OF TECHNOLOGY (POWER ENGINEERING)

NAME: NITESH JHA
ENROLLMENT: 41515303716
FATHER'S NAME: NEM SHANKER JHA
YEAR OF ADMISSION: 2016
UNIVERSITY SCHOOL/INSTITUTE: NATIONAL POWER TRAINING INSTITUTE

TOTAL CREDIT OF PROGRAMME: 214
MINIMUM CREDITS REQUIRED: 200
YEAR OF COMPLETION: Nov, 2020
PROGRAMME DURATION: FOUR YEARS



PAPER	CS	INT	EXT	TOTAL	GRD (GP)	PAPER	CS	INT	EXT	TOTAL	GRD (GP)
FIRST SEMESTER											
APPLIED MATHEMATICS I	4	18	30	48	C (5)	APPLIED PHYSICS I	3	25	20	52	B (6)
MANUFACTURING PROCESSES	3	21	43	66	A (8)	ELECTRICAL TECHNOLOGY	3	21	21	62	P (4)
HUMAN VALUES AND PROFESSIONAL ETHICS I	1	-	84	84	A+ (9)	FUNDAMENTALS OF COMPUTING	2	23	44	67	A (8)
APPLIED CHEMISTRY	3	20	53	73	A (8)	APPLIED PHYSICS LAB I	1	30	51	81	A+ (9)
ELECTRICAL TECHNOLOGY LAB	1	32	43	75	A+ (9)	WORKSHOP PRACTICE	2	30	60	90	A+ (9)
ENGINEERING GRAPHICS LAB	2	32	49	81	A+ (9)	FUNDAMENTALS OF COMPUTING LAB	1	35	48	83	A+ (9)
APPLIED CHEMISTRY LAB	1	35	51	86	A+ (9)						
SECOND SEMESTER											
APPLIED MATHEMATICS II	4	19	29	48	C (5)	APPLIED PHYSICS II	3	24	34	58	B+ (7)
ELECTRONIC DEVICES	3	21	34	55	B+ (7)	INTRODUCTION TO PROGRAMMING	3	22	32	54	B (6)
ENGINEERING MECHANICS	3	21	46	67	A (8)	COMMUNICATIONS SKILLS	3	21	48	69	A (8)
ENVIRONMENTAL STUDIES	3	22	47	69	A (8)	APPLIED PHYSICS LAB-II	1	32	52	84	A+ (9)
PROGRAMMING LAB	1	27	51	78	A+ (9)	ELECTRONIC DEVICES LAB	1	35	42	77	A+ (9)
ENGINEERING MECHANICS LAB	1	27	41	68	A (8)	ENVIRONMENTAL STUDIES LAB	1	33	56	89	A+ (9)
THIRD SEMESTER											
ELECTRICAL MACHINES	4	23	34	57	B+ (7)	ANALOG ELECTRONICS	4	19	24	43	P (4)
THERMODYNAMICS FOR POWER ENGINEERS	4	20	30	50	B (6)	MATERIAL SCIENCE AND METALLURGY	3	21	60	81	B+ (7)
STRENGTH OF MATERIALS AND THEORY OF MACHINES	4	18	30	49	C (5)	CIRCUITS AND SYSTEMS	4	24	24	48	C (5)
ANALOG ELECTRONICS LAB	1	31	50	81	A+ (9)	THERMODYNAMICS FOR POWER ENGINEERS LAB	1	30	50	80	A+ (9)
STRENGTH OF MATERIAL AND THEORY OF MACHINES LAB	1	29	54	83	A+ (9)	ELECTRICAL MACHINES LAB	1	33	52	85	A+ (9)
FOURTH SEMESTER											
SWITCHING THEORY AND LOGIC DESIGN	4	20	34	54	B (6)	POWER GENERATION ENGINEERING	4	17	34	51	B (6)
ENERGY CONVERSION	4	21	32	53	B (6)	HEAT AND MASS TRANSFER	4	19	28	45	C (5)
FLUID MECHANICS	4	21	18	40*	P (4)	CONTROL SYSTEMS	4	17	30	47	C (5)
NCC/SS	1	-	85	85	A+ (9)	HEAT AND MASS TRANSFER LAB	1	31	38	69	A (8)
SWITCHING THEORY AND LOGIC DESIGN LAB	1	34	42	76	A+ (9)	FLUID MECHANICS LAB	1	31	44	75	A+ (9)
CONTROL SYSTEMS LAB	1	30	49	79	A+ (9)						
FIFTH SEMESTER											
COMMUNICATION SKILLS FOR PROFESSIONALS	1	17	65	82	A+ (9)	STEAM GENERATOR AND ITS AUXILIARIES	4	22	56	78	A+ (9)
STEAM TURBINE AND ITS AUXILIARIES	4	19	37	56	B+ (7)	ELECTRICAL GENERATOR AND AUXILIARIES	4	17	48	57	B+ (7)
INDUSTRIAL MANAGEMENT	3	21	51	72	A (8)	ELECTRICAL AND ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	4	22	58	81	A+ (9)
COMMUNICATION SKILLS FOR PROFESSIONALS LAB	1	33	48	82	A+ (9)	THERMAL POWER PLANT SCHEME TRACING LAB	1	34	50	84	A+ (9)
ELECTRICAL AND ELECTRONIC MEASUREMENT AND INSTRUMENTATION LAB	1	31	49	80	A+ (9)	PRACTICAL TRAINING/IN HOUSE TRAINING	1	33	51	83	A+ (9)
SIXTH SEMESTER											
LOAD DISPATCH AND ELECTRICITY REGULATIONS	3	22	47	68	A (8)	POWER PLANT COMMISSIONING (THERMAL AND HYDRO)	4	23	52	75	A+ (9)
POWER PLANT CONTROL AND INSTRUMENTATION	4	22	49	71	A (8)	POWER SYSTEM TRANSMISSION AND DISTRIBUTION	3	21	42	63	B+ (7)
POWER ELECTRONICS AND ELECTRIC DRIVES	4	19	36	55	B+ (7)	ELECTROMAGNETIC FIELD THEORY	4	19	35	54	B (6)
PRACTICAL IN HOUSE TRAINING	1	-	89	89	A+ (9)	ROTATIONAL ON JOB TRAINING (OPERATION - STEAM GENERATOR AND ITS AUXILIARIES)	1	27	38	65	A (8)
ROTATIONAL ON - JOB TRAINING (OPERATION - STEAM TURBINE AND ITS AUXILIARIES)	1	32	48	80	A+ (9)	ROTATIONAL ON - JOB TRAINING (OPERATION - POWER PLANT ELECTRICAL MACHINES AND SYSTEMS)	1	35	55	90	O (10)
POWER ELECTRONICS AND ELECTRIC DRIVES LAB	1	32	48	80	A+ (9)						
SEVENTH SEMESTER											
POWER PLANT OPERATION	3	19	58	77	A+ (9)	POWER SYSTEM PROTECTION AND SWITCHGEAR	4	21	41	62	B+ (7)
POWER PLANT PERFORMANCE AND EFFICIENCY	3	21	47	68	A (8)	POWER PLANT MAINTENANCE (PLANT MAINTENANCE PLANNING AND COST CONTROL)	3	22	42	64	B+ (7)
RENEWABLE ENERGY RESOURCES	3	20	30	50	B (6)	COMMUNICATION ENGINEERING	3	21	43	64	B+ (7)
ROTATIONAL ON JOB TRAINING (MAINTENANCE - STEAM GENERATOR AND ITS AUXILIARIES)	1	36	44	80	A+ (9)	ROTATIONAL ON JOB TRAINING (MAINTENANCE - STEAM TURBINE AND ITS)	1	35	41	76	A+ (9)
ROTATIONAL ON - JOB TRAINING (MAINTENANCE - POWER PLANT ELECTRICAL MACHINES & SYSTEMS)	1	31	51	82	A+ (9)	POWER SYSTEM PROTECTION AND SWITCHGEAR LAB	1	31	45	76	A+ (9)
LAB BASED ON ELECTIVE GROUP A AND B	1	33	54	88	A+ (9)	SEMINAR	1	-	85	85	A+ (9)
INDUSTRIAL TRAINING	1	32	47	79	A+ (9)	MINOR PROJECTS	3	30	42	72	A (8)
EIGHTH SEMESTER											
HUMAN VALUES AND PROFESSIONAL ETHICS - II	1	20	56	76	A+ (9)	ENVIRONMENTAL MANAGEMENT	3	22	62	84	A+ (9)
MICROPROCESSOR AND MICROCONTROLLER	3	23	38	61	B+ (7)	SMART GRID	3	24	53	77	A+ (9)
HIGH VOLTAGE AC AND DC TECHNOLOGY	3	23	41	64	B+ (7)	ENVIRONMENTAL AND ENERGY AUDIT LAB	1	34	56	90	O (10)
MICROPROCESSOR AND MICROCONTROLLER LAB	1	34	56	90	O (10)	MAJOR PROJECT	8	34	58	90	O (10)
LAB BASED ON ELECTIVE GROUP A OR B	1	33	54	88	A+ (9)						

CREDITS EARNED: 214 CGPA: 7.36 EQUIVALENT PERCENTAGE: 73.6 DIVISION: FIRST

CS: Credit Score; INT: Internal Marks; EXT: External Marks; ABS: Absent; CAN: Cancel; GRD: Grade; GP: Grade Point; * : Passed with Grace CSMSID: 190000096794

Minimum Cumulative Grade Point Average (CGPA) required for the award of the Degree is 4. Date of Print: 18-Feb-2021

Place : Delhi, India

Officer In-Charge



Controller of Examinations

SCHEMATA OF EVALUATION

Credit & Marks :-

- (a) One credit is equal to one hour lecture or two hours of laboratory work per week.
- (b) The maximum marks in each course is 100, irrespective of the number of credits assigned to the course.
- (c) Full credits are awarded after passing in a course; otherwise no credits are awarded.

(d) **Grading System:-**

Marks	Grade	Grade Point
90 - 100	O	10
75 - 89	A+	9
65 - 74	A	8
55 - 64	B+	7
50 - 54	B	6
45 - 49	C	5
40 - 44	P	4
Less than 40 or absent	F	0

Grade P (grade point 4) shall be the course passing grade unless specified otherwise by the Syllabi and Scheme of Teaching and Examination for the programme. For grade(s) below the passing grade as defined in the Syllabi and Scheme of Teaching and Examination, the associated grade points shall be zero.

The formula for calculation of (Annual/Semester) Grade Point Average and Cumulative Grade Point Average is given below:

$$(A/S)GPA = \frac{\sum_i C_i G_i}{\sum_i C_i}$$

$$CGPA = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$$

Where

A - Annual

S - Semester

C_i - number of credits for the ith course.

G_i - grade point obtained in the ith course.


C_{ni} - number of credits of the ith course of the nth semester.


M_{ni} - marks of the ith course of the nth semester.

G_{ni} - grade points of the ith course of the nth semester.

Division:-

- CGPA of 4.00 - 4.99 shall be placed in the **Third Division**.
- CGPA of 5.00 - 6.49 shall be placed in the **Second Division**.
- CGPA of 6.50 or above shall be placed in the **First Division**.
- CGPA of 10 shall be placed in the **Exemplary Performance**. Exemplary Performance shall be awarded, if and only if, every course of the programme offered to the student is passed in the first chance of appearing in the paper that is offered to the student. A student with an academic break shall not be awarded the exemplary performance.
- The CGPA \times 10 shall be deemed equivalent to percentage to marks obtained by the student for the purpose of equivalence to percentage of marks.

Prepared by:


Checked by:


Verified by:
