

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 037      Programme Name: BACHELOR OF TECHNOLOGY (POWER ENGINEERING)      SchemeID: 190372007001      Sem./Year: 06 SEMESTER  
Institution Code: 153      Institution: NATIONAL POWER TRAINING INSTITUTE

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	37302	ETPE302	POWER SYSTEM PROTECTION AND SWITCHGEAR	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	37304	ETPE304	THERMAL POWER PLANT ENGINEERING - RELATED TOPICS - I (POWER PLANT COMMISSIONING, NDT, INDUSTRIAL SAFETY)	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	37306	ETPE306	POWER PLANT OPERATION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	37308	ETPE308	POWER PLANT CONTROL AND INSTRUMENTATION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	37310	ETPE310	I. C. ENGINES & GAS DYNAMICS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
06	37312	ETPE312	POWER ELECTRONICS & ELECTRIC DRIVES	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
07	37314	ETPE314	MACHINE DESIGN	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
08	37316	ETPE316	ENGINEERING ELECTROMAGNETICS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
09	37352	ETPE352	POWER SYSTEM PROTECTION AND SWITCHGEAR LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	37354	ETPE354	ROTATIONAL ON-JOB TRAINING (OPERATION - STEAM GENERATOR & ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	37356	ETPE356	ROTATIONAL ON-JOB TRAINING (OPERATION - STEAM TURBINE & ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	37358	ETPE358	ROTATIONAL ON-JOB TRAINING (OPERATION - POWER PLANT ELECTRICAL MACHINES & SYSTEMS)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
13	37360	ETPE360	I. C. ENGINES LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
14	37362	ETPE362	POWER ELECTRONICS & ELECTRIC DRIVES LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	111302	ETAT302	MACHINE DESIGN	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
02	37302	ETPE302	LOAD DISPATCH AND ELECTRICITY REGULATIONS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	37304	ETPE304	POWER PLANT COMMISSIONING (THERMAL AND HYDRO)	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	50
04	37306	ETPE306	POWER PLANT CONTROL AND INSTRUMENTATION	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	50
05	37308	ETPE308	POWER SYSTEM, TRANSMISSION AND DISTRIBUTION	3	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	50
06	37310	ETPE310	I.C. ENGINES AND GAS DYNAMICS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
07	37312	ETPE312	POWER ELECTRONICS AND ELECTRIC DRIVES	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
08	37316	ETPE316	ELECTROMAGNETIC FIELD THEORY	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
09	37350	ETPE350	PRACTICAL/IN HOUSE TRAINING	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
10	37354	ETPE354	ROTATIONAL ON - JOB TRAINING (OPERATION - STEAM GENERATOR AND ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	37356	ETPE356	ROTATIONAL ON - JOB TRAINING (OPERATION - STEAM TURBINE AND ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	37358	ETPE358	ROTATIONAL ON - JOB TRAINING (OPERATION - POWER PLANT ELECTRICAL MACHINE AND SYSTEMS)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
13	37360	ETPE360	I.C. ENGINES & GAS DYNAMICS LAB	1	PRACTICAL	UES	ELECTIVE	DROPPABLE	40	60	100	50
14	37362	ETPE362	POWER ELECTRONICS AND ELECTRIC DRIVES LAB	1	PRACTICAL	UES	ELECTIVE	DROPPABLE	40	60	100	50

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 037      Programme Name: BACHELOR OF TECHNOLOGY (POWER ENGINEERING)      SchemeID: 190372013002      Sem./Year: 06 SEMESTER  
Institution Code: 153      Institution: NATIONAL POWER TRAINING INSTITUTE

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	111302	ETAT302	MACHINE DESIGN	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
02	37302	ETPE302	LOAD DISPATCH AND ELECTRICITY REGULATIONS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	37304	ETPE304	POWER PLANT COMMISSIONING (THERMAL AND HYDRO)	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	50
04	37306	ETPE306	POWER PLANT CONTROL AND INSTRUMENTATION	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	50
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09	37350	ETPE350	PRACTICAL/IN HOUSE TRAINING	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
10	37354	ETPE354	ROTATIONAL ON - JOB TRAINING (OPERATION - STEAM GENERATOR AND ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	37356	ETPE356	ROTATIONAL ON - JOB TRAINING (OPERATION - STEAM TURBINE AND ITS AUXILIARIES)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	37358	ETPE358	ROTATIONAL ON - JOB TRAINING (OPERATION - POWER PLANT ELECTRICAL MACHINE AND SYSTEMS)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
13	37360	ETPE360	I.C. ENGINES & GAS DYNAMICS LAB	1	PRACTICAL	UES	ELECTIVE	DROPPABLE	40	60	100	50
14	37362	ETPE362	POWER ELECTRONICS AND ELECTRIC DRIVES LAB	1	PRACTICAL	UES	ELECTIVE	DROPPABLE	40	60	100	50















