

TENTATIVE
SCHEME OF EXAMINATION

for

BACHELOR OF VOCATION
in
POWER DISTRIBUTION MANAGEMENT

Offered by

University School of Engineering and Technology

3rd SEMESTER to 6th SEMESTER



Guru Gobind Singh Indraprastha University
Dwarka, Delhi – 110078 [INDIA]
www.ipu.ac.in

**BACHELOR OF VOCATION
POWER DISTRIBUTION MANAGEMENT
THIRD SEMESTER EXAMINATION
(LEVEL-VI)**

Paper Code	Paper ID	Paper	L	T/P	Credits
THEORY PAPERS					
ETVPD-601		Energy Resources and Conversion Process	3	1	4
ETVPD-603		Switch Gear & Protection Systems	3	1	4
ETVPD-605		Industrial Instrumentation	3	1	4
ETVPD-607		Power Generation & Transmission Systems	3	0	3
OPEN ELECTIVE-III (Select any one)					
ETVMS-601		Financial Accounting	3	0	3
ETVMS-609		Managerial Economics	3	0	3
ETVMS-611		Financial Management	3	0	3
PRACTICAL/VIVA VOCE					
ETVPD-651		Energy Resources and Conversion Process	0	3	3
ETVPD-653		Switch Gear & Protection Systems	0	3	3
ETVPD-655		Industrial Instrumentation	0	3	3
ETVPD-657		Industrial Training-II	0	0	3
TOTAL			15	12	30

^Industrial Training-III:

The students are advised to undergo 2-weeks training in industry/ Skill Knowledge Provider (SKP)/ Sector Skill Council (SSC) during winter vacation and should submit training report for evaluation during the Fourth semester.

**BACHELOR OF VOCATION
POWER DISTRIBUTION MANAGEMENT
FOURTH SEMESTER EXAMINATION
(LEVEL-VI)**

Paper Code	Paper ID	Paper	L	T/P	Credits
THEORY PAPERS					
ETVPD-602		Power System Analysis	3	1	4
ETVPD-604		Design of Power Substation	3	1	4
ETVPD-606		Utilization of Electrical Energy	3	1	4
CORE ELECTIVE-I (Select any one)					
ETVPD-608		Renewable Energy System	3	1	4
ETVPD-610		Energy Audit and Exercise	3	1	4
ETVPD-612		Energy Efficiency in Buildings & ECBC	3	1	4
OPEN ELECTIVE-IV (Select any one)					
ETVMS-614		Industrial Management	3	0	3
ETVMS-602		Entrepreneurship Development and Planning	3	0	3
ETVMS-604		Business Informatics	3	0	3
PRACTICAL/VIVA VOCE (Select any one Lab based on CORE ELECTIVE-I)					
ETVPD-658		Renewable Energy System	0	3	3
ETVPD-660		Energy Audit and Exercise	0	3	3
ETVPD-662		Energy Efficiency in Buildings & ECBC	0	3	3
PRACTICAL/VIVA VOCE					
ETVPD-652		Power System Analysis Lab	0	3	3
ETVPD-654		Design of Power Substation Lab	0	3	3
ETVPD-656		Industrial Training-III^	0	0	2
ETVPD-664		Project-II	0	0	3
TOTAL			15	13	33

^^Industrial Training-IV:

The students are advised to undergo 6-8 weeks training in industry/Skill Knowledge Provider (SKP)/ Sector Skill Council (SSC) during summer vacation and should submit training report for evaluation during the Fourth semester.

Note for Project:

The student will submit a synopsis at the beginning of the semester for approval from the departmental committee in a specified format, thereafter he/she will have to present the progress of the work through seminars and progress reports.

**BACHELOR OF VOCATION
POWER DISTRIBUTION MANAGEMENT
FIFTH SEMESTER EXAMINATION
(LEVEL-VII)**

Paper Code	Paper ID	Paper	L	T/P	Credits
THEORY PAPERS					
ETVHS-701		Technical English (Common to all disciplines)	3	0	3
ETVPD-701		Power Quality	3	1	4
CORE ELECTIVE-II (Select any one)					
ETVPD-703		Restructured Power System	3	1	4
ETVPD-705		Management of Power Distribution	3	1	4
ETVPD-707		Challenges & Issues in Power Distribution Sector	3	1	4
CORE ELECTIVE-III (Select any one)					
ETVPD-709		IT Applications in Power Distribution Sector	3	1	4
ETVPD-711		Metering and loss reduction in Power Distribution	3	1	4
ETVPD-713		Disaster Management and Capacity Building	3	1	4
PRACTICAL/VIVA VOCE (Select any one Lab based on CORE ELECTIVE-II)					
ETVPD-753		Restructured Power System Lab	0	3	3
ETVPD-755		Management of Power Distribution Lab	0	3	3
ETVPD-757		Challenges & Issues in Power Distribution Sector Lab	0	3	3
PRACTICAL/VIVA VOCE (Select any one Lab based on CORE ELECTIVE-III)					
ETVPD-759		IT Applications in Power Distribution Sector Lab	0	3	3
ETVPD-761		Metering and loss reduction in Power Distribution Lab	0	3	3
ETVPD-763		Disaster Management and Capacity Building Lab	0	3	3
GENERAL ELECTIVE-II (Select any one)**					
ETVSS-751		NCC	2	1	3
ETVSS-753		NSS	2	1	3
ETVSS-755		Sports	2	1	3
ETVSS-757		Community Services	2	1	3
ETVSS-759		ECO Club	2	1	3
ETVSS-761		YOGA	2	1	3
PRACTICAL/VIVA VOCE					
ETVHS-751		Language Lab (Common to all disciplines)	0	3	3
ETVPD-753		Power Quality Lab	0	3	3
ETVPD-767		Minor Project	0	3	3
ETVPD-769		Industrial Training-IV^^	0	0	3
TOTAL			14	19	36

#Industrial Training-V:

The students are advised to undergo 2 weeks training in industry/ Skill Knowledge Provider (SKP)/ Sector Skill Council (SSC) during winter vacation and should submit training report for evaluation during the Sixth semester.

**BACHELOR OF VOCATION
POWER DISTRIBUTION MANAGEMENT
SIXTH SEMESTER EXAMINATION
(LEVEL-VII)**

Paper Code	Paper ID	Paper	L	T/P	Credits
THEORY PAPERS					
ETVPD-702		Economics of Power Distribution	3	1	4
CORE ELECTIVE- IV (Select any one)					
ETVPD-704		Project Management and Contract Administration in Power Distribution Sector	3	0	3
ETVPD-706		Project Planning in Power Distribution Sector	3	0	3
ETVPD-708		Commercial aspects in Power Distribution Sector	3	0	3
CORE ELECTIVE- V (Select any one)					
ETVPD-710		Regulatory Framework for Indian Power Sector and Legal Issues	3	0	3
ETVPD-712		Indian Power Sector and Challenges Ahead	3	0	3
ETVPD-714		Power Distribution Sector and Challenges Ahead	3	0	3
PRACTICAL/VIVA VOCE (Select any one Lab based on CORE ELECTIVE-IV)					
ETVPD-754		Project Management and Contract Administration in Power Distribution Sector	0	3	3
ETVPD-756		Project Planning in Power Distribution Sector	0	3	3
ETVPD-758		Commercial aspects in Power Distribution Sector	0	3	3
PRACTICAL/VIVA VOCE					
ETVPD-752		Economics of Power Distribution Lab	0	3	3
ETVPD-760		Industrial Training-V#	0	0	3
ETVPD-762		Major Project*#	0	12	12
TOTAL			09	19	31

*#The student will submit a synopsis at the beginning of the semester for approval from the departmental committee in a specified format, thereafter he/she will have to present the progress of the work through seminars and progress reports. Seminar related to major project should be delivered one month after starting of Semester. The progress will be monitored through seminars and progress reports. *The camps or classes for the said programme can be held either during weekend/holidays or winter/summer vacations. If in case, the classes are held during Saturday/Sunday then faculty should be given off in lieu of Saturday/Sunday.*

For Award of Diploma:

1. The total number of the credits of the Diploma (Power Distribution Management) Programme = 63.
2. Student shall be required to appear in examinations of all courses. However, to award the Diploma (Power Distribution Management) a student shall be required to earn a minimum of 60 credits.

For Award of Advanced Diploma:

1. The total number of the credits of the Advanced Diploma (Power Distribution Management) Programme = 126.
2. Student shall be required to appear in examinations of all courses. However, to award the Advanced Diploma (Power Distribution Management) a student shall be required to earn a minimum of 120 credits.

For Award of B.Voc Degree:

1. The total number of the credits of the B.Voc. (Power Distribution Management) Programme = 190.
2. Student shall be required to appear in examinations of all courses. However, to award the degree a student shall be required to earn a minimum of 180 credits.

FOR LATERAL ENTRY STUDENTS- For Award of Advanced Diploma:

1. The total number of the credits of the Diploma (Power Distribution Management) Programme = 63
2. Each student shall be required to appear for examinations in all courses Third Semester onwards. However, for the award of the degree a student shall be required to earn a minimum of 60 credits.

FOR LATERAL ENTRY STUDENTS- For Award of B.Voc Degree:

1. The total number of the credits of the B.Voc (Power Distribution Management) Programme = 127
2. Each student shall be required to appear for examinations in all courses Third Semester onwards. However, for the award of the degree B.Voc (Power Distribution Management) a student shall be required to earn a minimum of 120 credits.

Tentative Scheme for Level VI and VII for B.Voc. (Power Distribution Management). The detailed Scheme and Syllabi for Level VI and VII shall be got approved during the Academic Year 2016-17 by the BOS of USET and Academic Council of GGSIPU.