शासकीय लघु उद्योग विकास महामंडळ
GOVERNMENT SMALL INDUSTRIES DEVELOPMENT CORPORATION
Skill Development & Vocational Training | www.gsidc.org.in

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## COURSE CURRICULUM / पाठ्यक्रम

# Diploma in Power Electronics

Diploma Programme · Electrical & Electronics Sector · Ref: GSIDC/CUR/1349

| | | | |
|---|---|---|---|
| **Course Type** | **Diploma** | **Sector** | **Electrical & Electronics** |
| **Duration** | **2 Years** | **Eligibility** | **10th / 12th Pass** |
| **Total Subjects** | **12** | **Total Marks** | **1200** |
| **Course Fee** | **Rs. 18,000** | **Examination** | **Theory** |

## SUBJECT-WISE CURRICULUM & MARKING SCHEME

| Sr. | Subject Code | Subject Name | Type | Theory | | Total |
|---|---|---|---|---|---|---|
| | | | | Max | Min | |
| **YEAR 1** | | | | | | |
| 1 | DPE-101 | Engineering Mathematics | Theory | 100 | 35 | **100** |
| 2 | DPE-102 | Semiconductor Devices | Theory | 100 | 35 | **100** |
| 3 | DPE-103 | Electrical Machines | Theory | 100 | 35 | **100** |
| 4 | DPE-104 | Analog Electronics | Theory | 100 | 35 | **100** |
| 5 | DPE-105 | Network Analysis | Theory | 100 | 35 | **100** |
| 6 | DPE-106 | Lab Practice | Theory | 100 | 35 | **100** |
| | | | **Year 1 Total** | **600** | | **600** |
| **YEAR 2** | | | | | | |
| 7 | DPE-201 | Power Electronic Converters | Theory | 100 | 35 | **100** |
| 8 | DPE-202 | Inverters & UPS Systems | Theory | 100 | 35 | **100** |
| 9 | DPE-203 | Motor Drives | Theory | 100 | 35 | **100** |
| 10 | DPE-204 | Industrial Applications | Theory | 100 | 35 | **100** |
| 11 | DPE-205 | Internship | Theory | 100 | 35 | **100** |
| 12 | DPE-206 | Major Project | Theory | 100 | 35 | **100** |
| | | | **Year 2 Total** | **600** | | **600** |
| | | | **GRAND TOTAL** | **1200** | | **1200** |

## EXAMINATION & CERTIFICATION

- Course poora hone par GSIDC dwara nirdharit examination hoga.
- Har subject mein upar di gayi **Min (passing) marks** laana avashyak hai.
- Pass hone par GSIDC ki **marksheet** aur **Diploma certificate** jaari kiya jaata hai.
- Certificate ka online verification **www.gsidc.org.in** par kiya ja sakta hai.
- Admission ke liye nazdeeki GSIDC authorised study centre se sampark karein ya website par Admission Form bharein.

**Note:** Course ki poori jaankari, fee aur admission ke liye upar diya QR code scan karein ya dekhein: **https://gsidc.org.in/courses/diploma-in-power-electronics**. Ye curriculum GSIDC website se generate kiya gaya hai (18-11-2026).

Syllabus, fee aur niyamon mein samay-samay par badlav ho sakta hai; antim jaankari study centre / GSIDC office se prapt karein.