



NATIONAL POWER TRAINING INSTITUTE
(Ministry of Power, Govt. of India)
NPTI Complex, Sector-33, Faridabad – 121003
Tele/ Fax: 0129 2270949, website: www.npti.in

Three months Post Graduate Certificate Course in GIS and Remote Sensing

National Power Training Institute (NPTI), an ISO 9001 & ISO 14001 organizations, under Ministry of Power, Govt. of India is a National Apex body for Training and Human Resources Development in Power Sector with its Corporate Office at Faridabad. NP TI had been providing its dedicated service to the Power Sector for about fifty Years. NPTI operates on all India basis through its nine Institutes in different zones of the country. NPTI is starting a three months Post Graduate Certificate Course on GIS and Remote Sensing for graduates as well as executives from the industry.

RECOMMENDED FOR

The minimum qualifications for admissions to three months “**Post Graduate Certificate Course in GIS and Remote Sensing**” shall be graduate in any discipline. Those appearing in their final year examination may also apply. This course can also be attended by junior and middle level managers’ /executives/ officers and sponsored candidates also. Attending this three months course will help the candidates in acquiring good knowledge and skill on GIS and thereby increase their opportunities for getting placements in this field.

PROGRAM OVERVIEW

NPTI weaves formal education with industry oriented specialized skills to cater to the needs of Power Sector and creates a pool of technically trained manpower for ready availability for recruitment by PSUs/SEBs/Power Utilities/IPP’s etc.

NPTI is conducting this three months Post Graduate Certificate Course in GIS for the candidates willing to make a career in the GIS sector. This course is designed for graduates as well as executives from the industry.

MODULE COVERED

This training program shall broadly cover the following modules:

Sl. No.	Name of Module
1	Concept of remote sensing :- Elements of Remote Sensing, Satellite Remote Sensing & Sensors, Multispectral & Thermal Remote Sensing, Microwave & Remote Sensing Applications, Brief introduction about Indian & world satellites, Basics of GPS, Fundamentals of Aerial Photography & Photogrammetry, Survey with GPS Receivers, Types of GPS receivers & DGPS

2	DIP using ERDAS imagine :- Image Interpretation & Analysis, Layer Stacking, Image Enhancement Tools, Image Rectification and Rationing, Mosaicking & Subset and Image Classification.
3	Fundamentals of GIS :- Basics of Geography & Cartography, Map Projections, Fundamentals of GIS, Spatial Data Models, Creating & Editing Geodata, Attribute data creation, Spatial Data Analysis & Thematic Map Preparation.
4	GIS Data Preparation & Analysis :- Arc View and Arc GIS, Spatial Analysis using Arc GIS
5	Computer Fundamentals & Non-Spatial Database :- Database concepts, Data Normalizations, Relation between different tables, Linking of External non spatial database to Geo.
6	Application GIS Development, Web based GIS, Interoperability, Mobile GIS & Open Source GIS
7	Case Studies & GIS Applications :- Urban & Regional Planning, Power Distribution System and Disaster Management, Environmental studies & Site suitability.

PROGRAM START DATE: 15th June, 2017

INTAKE:

The maximum number of seats is 50. The reservation for SC/ST, OBC and physically handicapped and other categories will be as per Central Govt. norms. Seats could however be increased as per the policy decision to be taken at a subsequent stage by NPTI. 5 nos. seats are kept for sponsored candidates. If the seats are not filled up, the same will be converted into non-sponsored category.

PROGRAM VENUE

National Power Training Institute (CO)
NPTI Complex, Sector-33, Faridabad – 121003

COURSE FEE:

1. For Non-Sponsored Candidates

= Rs. 20,000/- + 3000 (Service Tax present Rate: 15%)

= Rs. 23000/- per candidate

2. For Sponsored Candidate

= Rs. 33,375 + 5006 (Service Tax present Rate: 15%)

= Rs. 38381/- per candidate

ACCOMODATION:

Hostel accommodation will be provided to the candidates subject to availability on nominal charge basis as given below:

Hostels (Non A.C. on sharing basis): Rs.12000/- for three months duration.

Total Course Fee:

1) For Non Sponsored Candidates

a) With Hostel

Hostel charges = Rs. 12000/-
Total = Rs. 23000/- + Rs. 12000/-
= Rs. 35000/- per candidate

b) Without Hostel = Rs. 23000/- per candidate

2) For Sponsored Candidates

a) With Hostel

Hostel charges = Rs. 12000/-
Total = Rs. 38381/- + Rs. 12000/-
= Rs. 50381/- per candidate

b) Without Hostel = Rs. 38381/- per candidate

ADMISSION SCHEDULE

The eligible candidates should report for admission along with their applications in the prescribed proforma accompanied with photocopies of required documents and testimonials in original on **15-06-2017** at 10 a.m.

Program Director	Program Coordinator
Mrs. Manju Mam Director (IT) National Power Training Institute NPTI Complex, Sector-33, Faridabad – 121003 Haryana Ph.No.: 01292255063 manju.npti@gov.in	Mrs. Bhawana Choudhary Asstt. Professor National Power Training Institute NPTI Complex, Sector-33, Faridabad – 121003 Haryana Mob: 9311622338 Email: bhawana.npti@gov.in

MODE OF PAYMENT OF FEE:

Fee can be paid in the form of **Demand Draft** in favor NPTI as applicable and Payable at Faridabad or by ECS as per bank details given below.

Bank Transfer through ECS:

Beneficiary Account Name: National Power Training Institute

Bank Name: State Bank of India

Branch: Sarai Khawaja

City: Faridabad

Account No.10724879119

Account Type: Current Account

MICR No. 110002198

IFSC Code No.: SBIN0003245

Bank Code: 03245