



**SURVEY OF PAKISTAN  
SURVEY TRAINING INSTITUTE  
H-8/2, ISLAMABAD**

**ADMISSION FORM**

For

**COURSE IN GNSS-GPS TECHNOLOGY**  
**(02 weeks)**

(Form Processing Fee Rs. 200/-)

**Select the Course Duration:**

- (1)  w.e.f 1<sup>st</sup> Feb to 15<sup>th</sup> Feb  
(2)  w.e.f 1<sup>st</sup> May to 15<sup>th</sup> May  
(3)  w.e.f 1<sup>st</sup> Aug to 15<sup>th</sup> Aug  
(4)  w.e.f 15<sup>th</sup> Nov to 30<sup>th</sup> Nov

Name: \_\_\_\_\_

Father's Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Religion \_\_\_\_\_

Gender: Male  Female  Domicile: \_\_\_\_\_ CNIC No. \_\_\_\_\_

Postal Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Permanent Address: \_\_\_\_\_

\_\_\_\_\_

Phone No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

**QUALIFICATION**

Certificate / Degree	Main Subjects	Year of Passing	Board / University	Marks Obt.	Total Marks	Div.	%age
SSC							
HSSC							
Bachelors							
Masters							
Any Other							

Previous experience (if any): \_\_\_\_\_

Current employment (if any): \_\_\_\_\_

**Attested  
Photograph  
from front**

## **AFFIDAVIT**

I solemnly declare that all the entries made in this admission form are correct to the best of my knowledge and belief. During the training period, I shall abide by the rules/regulations made and notified by the Survey Training Institute from time to time.

**Date:** \_\_\_\_\_

**Signature of Candidate:** \_\_\_\_\_

### **FOR OFFICE USE ONLY**

Scrutiny Remarks: \_\_\_\_\_

**Admission:** Recommended  Not Recommended

Course No: \_\_\_\_\_

Registration No: \_\_\_\_\_

\_\_\_\_\_  
**CHIEF INSTRUCTOR**

### **FEE STRUCTURE**

Admission Fee: Rs. 1000

Tuition Fee: Rs. 10000

Other Charges: Rs. 2500

Security Refundable: Rs. 2000

### **Hostel Charges (Limited space available in hostel):**

Room Charges: Rs. 20 per day

Hostel Security: Rs. 1000 (refundable)

### **COURSE CONTENTS**

#### **a. Theory**

i.	Introduction to Global Positioning System/GNSS
ii.	Components / Segments of Global Positioning System/GNSS
iii.	Some Basic Terminologies used in GPS Survey
iv.	Various Types of GPS Receivers
v.	GPS/GNSS Survey Techniques
vi.	GPS/GNSS Survey Planning
vii.	Main Steps involved in a GPS/GNSS Project
viii.	Sources of Error
ix.	DOP (Dilution of Precision)
x.	Improving Accuracy through Advanced forms of GPS/GNSS (Differential GPS)

xi.	GPS Network Design
xii.	Coordinate systems
xiii.	GPS/GNSS Applications/Uses.
xiv.	GPS/GNSS Survey Vs Conventional Survey

## **b. Practical**

### **(GNSS/GPS)**

- a) Introduction to GPS Software
- b) GPS-Mission Planning
- c) Reconnaissance of Area and Establishment of GPS Stations
- d) Introduction to GPS Instrument
- e) Components of the Instrument
- f) Reference Receiver
- g) Rover Receiver
- h) Setting up the instrument properly
- i) Proper operation of the instrument
- j) Dealing Jobs
- k) Configuring the GPS instrument
- l) Selecting various options and Input data
- m) GPS-Observation
- n) GPS-Baselines Processing
- o) GPS-Data Adjustment
- p) Adjustment of Data with reference to 'A' or 'AB' order Network
- q) Detection of Blunders and Improvement of Accuracy Standards
- r) Comparison of GPS Coordinates with Local Everest coordinates
- s) Transformation Parameters
- t) Conversion of Coordinates from WGS-84 to Everest and Vice Versa
- u) Submission of Final Results and Reports

## **REQUIRED DOCUMENTS**

Following documents must be attached with the admission form

- a. Attested photocopies of certificates / degrees (Matric & Above)
- b. Attested photocopy of CNIC
- c. 02 passport size photographs attested from back side

## **TERMS & CONDITIONS**

Students / trainees are expected to observe the following rules:

1. At least 90% attendance is obligatory in theory as well as in practical
2. Maintaining discipline in class room, labs and in field area.
3. Labs are equipped with sophisticated equipment therefore students are advised to be careful while working in labs/field area. In case of any problem the course In-charge should be contacted.
4. Student will be responsible for any damage of instrument or property of the Institute.
5. This course is offered on cost recovery basis, therefore there is no provision of fee waiving or remission of any type.
6. Classes are organized from 9:00 AM to 5:00 PM as per government working hours.
7. In case of poor attendance, unsatisfactory performance, poor conduct or violation of rules and regulations, the Institute management reserves right to expel such students from the course.
8. The applicants are directed to submit their admission forms at Survey Training Institute, Survey of Pakistan, H-8-2, Islamabad along with Original Bank Deposit Slip (available on SoP website).
9. The applicant will also be required to pay Rs. 200/- as form processing fee (in Cash) at the time of form submission.

## **CONTACT US:**

1. **Survey Training Institute**, Faiz Ahmed Faiz Road, H-8/2, Islamabad  
Phone: 051-9250670
2. **Directorate of Northern Circle**, Shami Road, Opposite CFC, Peshawar Cantt.  
Phone: 091-9212833
3. **Directorate of Eastern Circle**, Saad Arcade, Main Boulevard, Defence, Lahore Cantt.  
Phone: 042-99220377
4. **Directorate of Southern Circle**, 38PNH lines, 22<sup>nd</sup> Central Street, DHA Phase-II, Karachi (South). Phone: 021-99266381
5. **Directorate of Western Circle**, near old Bolan Medical College (BMC), Brewery Road, Quetta. Phone: 081-9213365
6. **Website: <http://www.surveyofpakistan.gov.pk>**



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**ADMISSION FORM RECEIPT**

Name of Applicant: \_\_\_\_\_

Father's Name: \_\_\_\_\_

CNIC No: \_\_\_\_\_

Form Processing Fee: \_\_\_\_\_ Date of submission: \_\_\_\_\_

**SIGNATURE & STAMP**



# Survey Training Institute (STI)

GOVERNMENT OF PAKISTAN  
SURVEY OF PAKISTAN, MINISTRY OF DEFENCE

Branch Name: \_\_\_\_\_

Branch Code : \_\_\_\_\_ Date: \_\_\_\_\_

ONLINE DEPOSITE SLIP (\* Please deposit fee in any NBP online Branch)

**Bank Copy**

Remote Branch: NBP, H-9 Industrial Area, Islamabad A/C Title: DDO Directorate of Survey Training Institute, Islamabad



NATIONAL BANK OF PAKISTAN  
**A/C No. 4151735634 Branch Code (1531)**  
( Note: Desired Bank Stamp is required on the Deposit Slip)  
( Note : No Bank Charges)

Applicant's Name:		
Father's Name:		
Nominating Department (If Any):		
CNIC No/ B Form No:		
Course Applied For: <b>Course in GNSS-GPS Technology (02 Weeks)</b>		
Course Fee & Charges Rs: 15,500/-	Amount in words:	Fifteen thousand Five Hundred Only (Non Refundable/ Non Transferable)

Depositor's Signature \_\_\_\_\_

Cashier \_\_\_\_\_

Officer \_\_\_\_\_

The receipt of cash/cheque/instrument by the bank evidenced through this deposit slip will be valid only when this deposit slip has been signed and stamped by an authorized officer of the Bank.



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Branch Code : \_\_\_\_\_ Date: \_\_\_\_\_

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**STI Copy**

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