TOPOGRAPHIC SURVEY TRAINING INSTITUTE

झारखण्ड सरकार
GOVERNMENT OF JHARKHAND
सत्यमेव जयते

सूक्ष्म, लघु एवं मध्यम उद्यम
सत्यमेव जयते
एमएसएमई
MSME
Micro, Small & Medium Enterprises

CERTIFIED
ISO
9001:2015
COMPANY

ABOUT
OUR COMPANY

Welcome To TOPOGRAPHIC SURVEY
With 10 Years of Experience

TOPOGRAPHIC SURVEY stands for commitment for excellence and its procedures. This certification has brought forth an ongoing discipline of self-enforced excellence in processes that result in successful outcomes and outstanding products.TOPOGRAPHIC SURVEY is a unique configuration of talent, technology, experience and leadership that is able to build on going relation in today's spatial survey market. Its commitment fir excellence, demands for investment in cutting-edge spatial data equipment to stay up-to-date in the technology race.

OUR VISION

the Vision that our team members in preparation of design reports for various road/highway project preparation and feasibility study projects in India. Independently handled survey works for tunnel projects, prepared base maps for planning

OUR MISSION

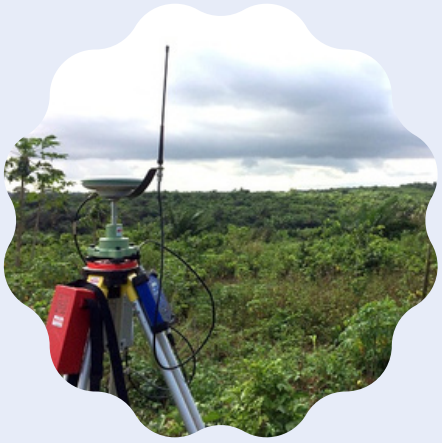
To build a long lasting relationship with our clients and employees and to continuously aim to excel above the industry's highest standards, striving for excellence and constantly striving to improve our competence.

Our Courses

LAND SURVEYOR

LAND SURVEYING IS THE ART AND SCIENCE OF ESTABLISHING OR REESTABLISHING CORNERS, LINES, BOUNDARIES, AND MONUMENTS OF REAL PROPERTY (LAND) BASED UPON RECORDED DOCUMENTS, HISTORICAL EVIDENCE, AND PRESENT STANDARDS OF PRACTICE.

ESTABLISHING BENCH MARKS (BM) BETWEEN GROUND CONTROL POINT BY USING 1" ACCURACY TOTAL STATION (FOR X,Y CO ORDINATES) AND AUTO LEVEL (FOR Z



TRAVERSING SURVEY

ROAD SURVEY

HIGHWAY SURVEYING IS A SPECIALIZED TYPE OF LAND SURVEYING GENERALLY CONDUCTED FOR GOVERNMENT AGENCIES DURING THE PLANNING STAGES OF A HIGHWAY DEVELOPMENT PROJECT. OFTEN THE GOAL OF THIS SURVEY IS TO DETERMINE THE APPROPRIATE ROUTE WHERE THE LEAST AMOUNT OF LAND WILL NEED TO BE MOVED.

CROSS SECTION ARRANGE IN A ROW OR ROWS
OR IN A SPECIFIED OR EXTEND BETWEEN SPECIFIED LIMITS.

CROSS SECTION

QUANTITY SURVEYORS ESTIMATE AND CONTROL COSTS FOR LARGE CONSTRUCTION PROJECTS. THEY MAKE SURE THAT STRUCTURES MEET LEGAL AND QUALITY STANDARDS. QUANTITY SURVEYORS ARE INVOLVED AT EVERY STAGE OF A PROJECT.

QUANTITY SURVEYORS

3DS MAX IS OFTEN USED FOR CHARACTER MODELING AND ANIMATION AS WELL AS FOR RENDERING PHOTOREALISTIC IMAGES OF BUILDINGS AND OTHER OBJECTS. WHEN IT COMES TO MODELING 3DS MAX IS UNMATCHED IN SPEED AND SIMPLICITY.

3DS MAX

IN ORDER TO SUPPORT COMPLEX PROJECTS, WE USE THE LATEST TECHNOLOGIES FOR FAST AND ACCURATE DATA COLLECTION FOR OIL AND GAS DEVELOPMENT. THE JATAYU UAS PLATFORM IS ALSO HIGH-ENDURANCE SO IT IS USED TO CARRY OUT OIL & GAS PIPELINE INSPECTION ACROSS LONG DISTANCES AND CHALLENGING TERRAIN

PIPELINE SURVEY

DIRECTIONAL BORING, ALSO REFERRED TO AS HORIZONTAL DIRECTIONAL DRILLING, IS A MINIMAL IMPACT TRENCHLESS METHOD OF ALONG A PRESCRIBED UNDERGROUND PATH USING A SURFACE-LAUNCHED DRILLING RIG.

HORIZONTAL DIRECTIONAL DRILLING

CONTOUR SURVEY

THESE ARE CARRIED OUT TO FIND THE DIFFERENCE IN ELEVATION OF THE EXISTING GROUND. CONTOURS ARE IMAGINARY LINES CONNECTING THE SLOPES OF SAME HEIGHT. THE CONTOUR MAPS PROVIDE THE CONDITION OF THE EXISTING TERRAIN CONDITIONS, WHICH HELPS THE DESIGN TEAM IN DECIDING THE PROPOSED GROUND PROFILE AND IN DESIGNING THE DRAINS.

TOPOGRAPHIC SURVEY IS SIMPLY THE RECORDING OF COORDINATES AND HEIGHT DATA FOR A PARTICULAR SURVEY AREA. THIS DATA CAN BE USED TO CREATE SPOT HEIGHT MAPS, CONTOUR MAPS, OR MORE COMPLEX TERRAIN MODELS OF THE SURVEYED AREA.

TOPOGRAPHICAL SURVEY

BOUNDARY SURVEY

THESE ARE CARRIED OUT TO REESTABLISH AND/OR RECOVER THE PROPERTY CORNERS OF A PIECE OF PROPERTY AND ACCURATELY DEFINE THE LIMITS OF THE SUBJECT PROPERTY.

A DIFFERENTIAL GLOBAL POSITIONING SYSTEM IS AN ENHANCEMENT TO THE GLOBAL POSITIONING SYSTEM WHICH PROVIDES IMPROVED LOCATION ACCURACY, IN THE RANGE OF OPERATIONS OF EACH SYSTEM, FROM THE 15-METRE NOMINAL GPS ACCURACY TO ABOUT 1–3 CENTIMETRES IN CASE OF THE BEST IMPLEMENTATIONS

DGPS / GPS

CADASTRAL SURVEYING IS THE SUB-FIELD OF CADASTRE AND SURVEYING THAT SPECIALISES IN THE ESTABLISHMENT AND RE-ESTABLISHMENT OF REAL PROPERTY BOUNDARIES ITS CREATION OF PROPERTIES.

CADASTRAL SURVEY

LEVELLING IS A PROCESS OF DETERMINING THE HEIGHT OF ONE LEVEL RELATIVE TO ANOTHER. IT IS USED IN SURVEYING TO ESTABLISH THE ELEVATION OF A POINT RELATIVE TO A DATUM, OR TO ESTABLISH A POINT AT A GIVEN ELEVATION RELATIVE TO A DATUM.

LEVELLING

AUTOCAD IS A COMMERCIAL COMPUTER-AIDED DESIGN AND DRAFTING SOFTWARE APPLICATION. DEVELOPED AND MARKETED BY AUTODESK, AUTOCAD WAS FIRST RELEASED IN DECEMBER 1982 AS A DESKTOP APP RUNNING ON MICROCOMPUTERS WITH INTERNAL GRAPHICS CONTROLLERS.

AUTOCAD

THESE ARE CARRIED TO COMPUTE THE VOLUME OF CUTTING AND FILLING WHILE ANALYZING A GROUND PROFILE FOR PROPOSED INDUSTRIAL COMPLEXES, BUILDINGS, ROADS, STRENGTHENING AND WIDENING OF ROADS, LEVELING OR EXCAVATING

ALL TYPE OF EARTH WORK QUANTITIES CALCULATION BY SECTION, COMPOSITE & GRIDDING METHOD

EARTH WORKS

SURVEY EQUIPMENTS

- ELECTRONIC TOTAL STATION SOKKIA CX-65 1 NOS.
- ELECTRONIC TOTAL STATION SOUTH 362R 1 NOS.
- AUTO LEVEL SUN- DSG 320 1 NOS.
- AUTO LEVEL 2 MM. ACCURACY IN 1.KM DOUBLE RUN. 2 NOS.
- HAND HELD GPS 1 NOS.
- PLANE TABLE 762 MM X 610 MM WITHSTAND AND ACCESSORIES.
- PRISMATIC BINOCULAR 6 X 30 IN A SLING LEATHER CASE 1 NOS.
- TENTS AND CAMPING AND COOKING ARRANGEMENT 2 NOS.
- CHAIN COMPASS, TAPES, RANGING RODS ETC. 2 NOS.

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