



# CIDDC

VISHWAKARMA TRITYA

## BRUSH UP COURSE IN WELDING



### About The Program:

It is an acknowledged fact that there is a huge gap in academia and industry expectations, primarily because of fast changing technologies and minimal field exposure during study period. In order to address this pertinent issue CIDDC has initiated a short duration brush up course for students pursuing welding course from ITI's / polytechnics or those who are aiming at career in Welding / fabrication field.

### Highlights:

- 100% exposure on each equipment for all students
- Fully equipped material welding lab.
- Well qualified faculty with adequate field exposure.
- Program allied with industry requirement.
- Personality Development/Soft skill integrated in the program.
- Placement Assistance

Beneficial For Whom  
Primarily for the  
students of  
ITI /Diploma

### Course Content:

- SAFETY –Personal & Surrounding During welding work at Site.
- MEASUREMENT – Classification & Unit Conversion
- BASIC FUNDAMENTALS OF DIFFERENT TYPES OF WELDING TECHNOLOGIES AND THEIR FIELD APPLICATION'S :
  - ARC WELDING
  - OXY ACETELINE WELDING
  - MIG WELDING
  - TIG WELDING
  - BRAZING AND SOLDERING

### Program Fees

#### Residential Fees

Rs 13200/-

(Including 18% GST)

#### Non-Residential Fees

Rs 8750/-

(Including 18% GST)

FOR REGISTRATION

CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL

VISHWAKARMA TRITYA

Basatpur Link Road, Dhaulana (Hapur)-245301 Contact:

Mrs Garima Tyagi - +917457865464/ Mr Vinod Singh Sishodia - +918882619988

Established By the Planning Commission (NITI Aayog), Government of India



# CIDDC

VISHWAKARMA TRITYA

## BRUSH UP COURSE IN SURVEYING SKILLS



### About The Program:

These days technology is fast changing and to keep pace with the new technology it is desirable to continuously upgrade the skills to fulfil the needs of the industry. In current time latest & advance technologies being used to carry out all kind of surveying activities are Total Station and GPS.

We have designed this short duration course for fresh diploma/ degree engineering students to understand the field application of these technologies and it would certainly add value and help them in finding the suitable employment.

### Highlights:

- One month finishing course
- 100% exposure on each equipment for all students.
- Well experienced faculty with adequate field exposure.
- Program allied with industry requirements.
- Personality Development integrated in the program.

### Course Content:

- Fundamentals of surveying-Principle/ classification/ Map/ Plan/ Section & Scale.
- Method of surveying- Traditional/Conventional
- Understanding salient features of TS and GPS, setting up of both these equipment.
- Basic operations of TS and GPS
- Field application of both the instruments with the help of live onsite sample Projects.

Beneficial For Whom  
Diploma/Btech  
Civil Engineering  
Students

### Program Fees

#### Residential Fees

Rs 13200/-

(Including 18% GST)

#### Non-Residential Fees

Rs 8750/-

(Including 18% GST)

FOR REGISTRATION

CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL  
VISHWAKARMA TRITYA

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Mr Vinod Singh Sishodia - +918882619988



# CIDDC

VISHWAKARMA TRATIYA

## BRUSH UP COURSE IN CONSTRUCTION MATERIAL QUALITY



### About The Program:

In recent times quality and safety consciousness amongst the Project Authorities, Contractors & Consultants has risen rapidly and it is of paramount importance for success of the Project. Most of the large /Middle Size construction infrastructure projects have their own Building Material Testing Laboratory at their project site itself and they need to engage qualified skilled staff for managing the operations of the laboratories.

In this context it has become essential for the entry level engineers to have through knowledge & understanding about the quality testing of construction materials in accordance to the BIS.

In light of above we have developed this comprehensive but concise finishing course on BMLT.

### Highlights:

- 100% exposure on each equipment for all students
- Fully equipped material testing lab.
- Well qualified faculty with adequate field exposure.
- Program allied with industry requirement.
- Personality Development/Soft skill integrated in the program.

### Course Content:

The course will cover in-depth understanding on quality parameters of all the basic building materials in accordance with BIS standards. The basic materials will include Sand, Cement, and Aggregate, Bricks, Concrete, water and bitumen. In particular following tests shall be the part of this course:

- Sieve Analysis for sand, stone Aggregate.
- Test for assessing the quality of Sand.
- Test for assessing the quality of Cement-Consistency, Fineness, and Tensile etc.
- Concrete Test –Slump Test, Compressive Test.
- Brick Test –Compressive Strength Test, Water Absorption Test, Efflorescence Test.
- Bitumen Test-Consistency test, Softening point of test, Ductility test.
- Solubility Test, Specific Gravity.

Beneficial For Whom  
Primarily for the students  
of Diploma/Degree  
Civil Engineering

### Program Fees

Residential Fees

Rs 13200/-

(Including 18% GST)

Non-Residential Fees

Rs 8750/-

(Including 18% GST)

FOR REGISTRATION

CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL  
VISHWAKARMA TRATIYA

Basatpur Link Road, Dhaulana (Hapur) - 245301

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Mr Vinod Singh Sishodia - +918882619988



# CIDC

VISHWAKARMA TRITYA

# JOB ORIENTED FINISHING COURSE FOR ENTRY LEVEL DIPLOMA/DEGREE ENGINEERS

## **About The Program:**

*In current time theoretical knowledge along with practical skills is required to grow in career in civil sector, It is assumed by the industry that young engineers must be aware of all the latest techniques.*

*In this context we are launching the 3 month job oriented finishing course for the entry level diploma/degree young engineers to strengthen the practical skill.*

## **Highlights:**

- **100% exposure on each equipment for all students.**
- **Well qualified faculty with adequate field exposure.**
- **Program allied with industry requirement.**
- **Personality Development/Soft skill integrated in the program.**
- **100% Placement Assistance**





# CIDC VISHWAKARMA TRATIYA

## Course Content:

### **BUILDING MATERIAL LAB TESTING:**

- SAFETY –Personal & Surrounding During work at Site.
- MEASUREMENT – Classification & Unit Conversion
- Sieve Analysis for sand ,stone Aggregate
- Test for assessing the quality of Sand
- Test for assessing the quality of Cement-Consistency, Fineness, and Tensile etc.
- Concrete Test –Slump Test, Compressive Test.
- Brick Test –Compressive Strength Test, Water Absorption Test, Efflorescence Test.
- Bitumen Test-Consistency test, Softening point of test, Ductility test,
- Solubility Test, Specific Gravity

### **SURVEYING TECHNIQUES:**

- Fundamentals of surveying-Principle/classification/Map/Plan/Section& Scale.
- Method of surveying- Traditional/Conventional
- Understanding salient features of TS and GPS, setting up of both these equipment.
- Basic operations of TS and GPS
- Field application of both the instruments with the help of live onsite sample Projects.

### **BUILDING CIVIL WORK:**

- Fundamentals of civil work-Principle/ Classification/ Plan/ Section/ Elevation
- Layout& Drawing -Techniques to perform Layout & Read Drawings, Use of Drawing at Site.
- Shuttering Work- Techniques & Methods
- Bar bending –Techniques & Methods
- Brick Work-Type of Bond, Block work
- Plastering
- Flooring
- Concrete Technology

### Beneficial For Whom

Primarily for the students of Diploma/Degree Civil Engineering seeking placement opportunity

### Program Fees

#### Residential Fees

Rs 36520/-

(Including 18% GST)

#### Non-Residential Fees

Rs 22220/-

(Including 18% GST)

FOR REGISTRATION

## **CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL VISHWAKARMA TRATIYA**

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