

Unati Global Connect Private Limited (UGCPL)
| Integrity | Sanctity | Commitment |

**45 DAYS/ONE MONTH INTERNSHIP PROGRAM POWERED BY
UGCPL**

STAAD.PRO

Important information related to 45/45 Days Internship Program

- ✚ On registration confirmation, a common whatsapp group will be formed, where the students will be getting all necessary updates including the joining link (MS Teams / Google Meet/Webex) for online sessions.
- ✚ Two-hours online session 3/4 days- per week will be held from 3.30 pm to 5.30 pm or 4:00 pm to 6:00 pm regularly on alternate days basis. Timing schedule/number of days per week may change on request of majority of the participants
- ✚ 25 % of the allocated time will be for real time project work implementation.
- ✚ Project work will be in group of students (group will be consisting of a maximum of 8 students).
- ✚ Submission of complete project report by the participant is mandatory for the Internship Certification– One copy of the project report needs to be submitted at the parent Institution/Department and another copy will be required to be submitted to UGCPL Training Team.
- ✚ Software based project work will be free of cost and sufficient requirement for the Internship Certification.
- ✚ Upon submission of project report in the concerned parent Institute/Department, the participants will be able to download their Internship Certificates within 10 to 15 working days from our website (www.ugcpl-india.com). The hard copy of the certificates will be submitted to the T&P Cell of the concerned University/Institute by UGCPL within 20 days time period.
- ✚ The participants will have to make their own arrangement of resources like Laptop or PC or smart phone and internet connectivity for attending the sessions through MS Teams/Google Meet/Webex platform.

HOW TO REGISTER

Please follow the following steps for successfully registering in our Training-cum-Internship program.

Step 1: Please select the area of Internships-cum-Industrial training you wish to enrol.

Step 2: Visit our website www.ugcpl-india.com

Step 3: Click on **Register Now** tab in top right corner given in our website by paying the necessary fees. OR you can also click in the given link: <https://www.ugcpl-india.com/register.aspx>

Step 4: You will receive confirmation of payment in e-mail post successful payment within 3 days.

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- Step 5:** You will receive the Whatsapp Group Link for your specific batch/areas of Internship at least 3 days prior to start of Internship through e- mail. Please provide correct e-mail address during registration
- Step 6:** You will receive the class joining link and schedule details over whatsapp group as well as in your registered e-mail address.
- Step 7:** Once you have successfully completed the Internship programme and submitted the project report, you will be able to download your Internship Certificate.

Course Structure/Schedule of the Internship on **STAAD PRO**

Module 1

- ✚ Introduction to Staadpro
- ✚ Why we learn staadpro
- ✚ Briefly understanding the applications

Module 2

- ✚ Designing using Staadpro
 - Add space
 - Add beam
 - Add plate
 - Creating model
 - Applying many types of support
 - Use Rotation
 - Use of Plan

Module 3

Material use

- ✚ Use of concrete design
- ✚ Use of steel in design
- ✚ Calculation of thickness in design

Module 4

Load

- ✚ Assigning the dead and live load
- ✚ Assigning the load combination
- ✚ Use of nodal load
- ✚ Use of member load
- ✚ Use of floor load
- ✚ Use of temperature
- ✚ Use of plate load

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Module 5

Design analysis

- ✚ Analysis the design
- ✚ Resolve the error of design

Module 6

Use codes

- ✚ Uses of Indian Codes
- ✚ Uses of bridge Codes

Module 7

Concrete Design

- ✚ Parameter Selection
- ✚ Use of various types of commands

Module 8

Structural Wizard

- ✚ Generate Model
- ✚ Use rotation
- ✚ Use pin

Module 9

Report Generation

- ✚ Generate the report of full design

Module 10

Staad.Pro Editor

- ✚ Changing the load value and direction

Project Work followed by project work documentation