

## Unati Global Connect Private Limited (UGCPL)

| Integrity | Sanctity | Commitment |

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



#### Important information related to 45/30 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](http://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](http://www.ugcpl-india.com)

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**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.

**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 Program on

### INTERNET OF THINGS



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Module	Topic
<b>Module 1</b>	Introduction to IOT Scope, opportunity, application IOT PROTOCOL IOT Architecture Different IOT Devices Networking concept Introduction to arduino programming Introduction to python programming
<b>Module 2</b>	WiFi devices WiFi connection AT Command for WiFi access WiFi board setup (processor and controller) Programming with I/o ports Analog sensor interfacing Digital sensor interfacing LED and motor interfacing concept Load control using WiFi based system
<b>Module 3</b>	Introduction to cloud computing Working with different cloud services Local IOT Global IOT Introduction to HTML Basic HTML code for web design Data upload into cloud WiFi based device control
<b>Module 4</b>	Introduction to MIT App Inventor App design using MIT app inventor
<b>Module 5</b>	Project work and documentation

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| Industry-Institute Interface | Empowering Educational Institutions |  
| Fulfilling Human Resource Needs of Industries | Employability Enhancement Programs for Students |