

# GUJARAT TECHNOLOGICAL UNIVERSITY

CENTRE FOR CONTINUING EDUCATION

## CFOT

### CERTIFIED FIBER OPTIC TECHNICIAN SHORT TERM GTU-CCE CERTIFIED COURSE

COURSE COMMENCING FROM  
DATE 1ST JAN. 2024 TO 5TH JAN. 2024[ONLINE 2 HRS. THEORY SESSION].

PRACTICAL SESSION  
DATE 6TH JAN. 2024, 13TH JAN. 2024 AND 20TH JAN. 2024

SITE VISIT  
ANY DATE OF JANUARY - 2024  
[LAST TWO WEEKS SUBJECT TO STUDENTS' CONFIRMATION]

INTERSHIP FOR FINAL YEAR STUDENTS/NATIONAL AND INTERNATIONAL PLACEMENT ASSISTANT

LAST DAY OF REGISTRATION: 25TH DECEMBER, 2023



SCAN FOR  
REGISTRATION



## ORGANISED BY

**AQUINT**  
GLOBAL TECH SKILL INDIA PVT LTD

1312 FORTUNE BUSSINESS HUB,  
NR. SCIENCE CITY, AHMEDABAD  
380060

### PATRON

SHRI BHARGAV KALARIA  
MD, AGTSPL

SHRI MANWENDRASINH JADEJA  
CEO, AGTSPL

COURSE COORDINATOR  
NIRAV MEHTA  
HOD TRAINING AND PLACEMENT  
[AQUINT GLOBAL TECHSKILL INDIA PVT LTD]

### GTU CCE COORDINATOR

PROF. MAHESH PANCHAL  
ASSISTANT PROFESSOR, GTU-GSET

CALL US: 8200695636 CONTACT@AQUINT.ORG WWW.AQUINT.ORG



## ABOUT GTU CCE

GTU HAS SET UP A CENTRE FOR CONTINUING EDUCATION [GTU-CCE] IN THE MONTH OF SEPTEMBER 2019 WITH THE OBJECTIVE OF PROVIDING A PLATFORM FOR SPECIALIZED SHORT-TERM CERTIFICATE COURSES BASED ON THE NEEDS OF COMPANIES.

AS PER THE NATIONAL EDUCATION POLICY 2020 [NEP 2020], MULTIDISCIPLINARY LEARNING FOR INDIVIDUALS ACROSS THE SCIENCES, SOCIAL SCIENCES, AND HUMANITIES, WILL BE INCREASINGLY IN GREATER DEMAND. SOCIETY NEEDS MULTIDISCIPLINARY AND A HOLISTIC EDUCATION ACROSS THE SCIENCES, SOCIAL SCIENCES, ARTS, HUMANITIES, AND SPORTS FOR A MULTIDISCIPLINARY WORLD IN ORDER TO ENSURE THE UNITY AND INTEGRITY OF ALL KNOWLEDGE.

## ABOUT US

AGTSPL, FOUNDED BY THE VISIONARY TECHNO-ENTREPRENEUR MANWENDRASINH JADEJA, HAS A DECADE OF EXPERIENCE IS A BEACON OF INNOVATION IN THE TELECOM INDUSTRY. ROOTED IN THE BELIEF THAT WHILE FORMAL EDUCATION IS VITAL, PRACTICAL KNOWLEDGE HOLDS PARAMOUNT IMPORTANCE, OUR COMPANY STANDS AS A BRIDGE BETWEEN THE INDUSTRY'S EVOLVING DEMANDS AND EMERGING TALENT. AT AQUINT, WE'RE COMMITTED TO EQUIPPING INDIVIDUALS WITH HANDS-ON EXPERIENCE, ENSURING THEY'RE NOT JUST JOB-READY BUT FUTURE-READY. WE ARE INITIATED WITH TELECOM TRAINING PROGRAM AND WILL BE ALSO START UP SKILL PROGRAM IN THE ELECTRIC VEHICLE TECHNOLOGY, ELECTRIC VEHICLE CHARGING STATION TECHNOLOGY, ARTIFICIAL INTELLIGENCE FOR STUDENTS AND NEW ENTREPRENEURS. WE WILL ALSO START AWARENESS PROGRAM ABOUT THE TECH SKILL REQUIRED IN INDUSTRIES THROUGH FACULTY DEVELOPMENT PROGRAM AT COLLEGES, SCHOOLS AND ITIS.

## SIGNIFICANT

- GLOBAL APPLICABILITY: FIBER OPTICS IS A GLOBAL TECHNOLOGY, AND A CFOT CERTIFICATION IS RELEVANT ACROSS BORDERS.
- GLOBAL CONNECTIVITY INITIATIVES: PROJECTS LIKE GOOGLE'S PROJECT LOON AND SPACEX'S STARLINK AIM TO PROVIDE INTERNET ACCESS TO REMOTE AND UNDERSERVED AREAS.
- 5G ROLLOUT: THE GLOBAL ROLLOUT OF 5G NETWORKS IS UNDERWAY. WHILE 5G IS WIRELESS, ITS INFRASTRUCTURE RELIES HEAVILY ON FIBER OPTICS FOR BACKHAUL. CFOTS PLAY A CRUCIAL ROLE IN ENSURING THESE NETWORKS ARE INTEGRATED SEAMLESSLY.

## OBJECTIVE

INDIA HAS BEEN AGGRESSIVELY EXPANDING ITS OFC NETWORK, ESPECIALLY UNDER INITIATIVES LIKE BHARATNET, AIMING TO CONNECT RURAL AREAS WITH HIGH-SPEED INTERNET. THE OVERARCHING GOAL OF THE BHARATNET INITIATIVE IS TO DELIVER 1 GIGABIT PER SECOND (GBPS) INTERNET SPEED TO AS MANY AS 19,000 VILLAGES. GLOBALLY THERE IS MORE THAN 2 LAKHS KMS SUBMARINE FIBER CABLE LAID UNDER SEA FOR CORE NETWORK AND CONNECTION WITH INTER CONTINENTS. TO INSTALL, MAINTAIN AND TROUBLESHOOT OF FIBER NETWORK, THE SKILLED WORKFORCE IS REQUIRED. THIS TEAM IS KNOWN AS FIBER RESTORATION AND MAINTENANCE TEAM.

- TEAM COMPOSITION OF FRT: ONE CFOT, ONE SPLICER AND ONE ASSISTANT SPLICER, TWO HELPERS ARE IN ONE FRT. THE DEMAND FOR FIBER RESTORATION TEAMS IN INDIA HAS SURGED DUE TO THE RAPID EXPANSION OF OPTICAL FIBER NETWORKS, ESPECIALLY UNDER PROJECTS LIKE BHARATNET.

## OPPORTUNITIES AFTER CFOT COURSE:

- STUDENT CAN WORK AS AN ISP PARTNER WITH BSNL/BBNL [REVENUE SHARING MODEL]
- SELF-EMPLOYED OPPORTUNITY "VOCAL FOR LOCAL" [START WORK AT REGIONAL LEVEL/HOME TOWN]
- JOB OPPORTUNITY IN NATIONAL AND INTERNATIONAL IN TELECOM SECTOR

## COURSE CONTENT

- WORKING OF SPLICING MACHINE AND USE FOR TEST EQUIPMENT - OTDR, PM, LS, VFL.
- IDENTIFY DIFFERENT TYPES OF OFC CABLE AND ITS STANDARD.
- KNOWLEDGE ABOUT THE FTTH NETWORK AND ITS COMPONENTS.
- CARRYOUT SPLICING OF CABLE, IN CASE OF OFC BREAK AND TESTING EFFECTIVENESS OF JOINTS.
- DO THE LINK BUDGET AND DOCUMENTING THE TEST RESULT.
- CARRYING OUT PLANNED MAINTENANCE TESTING AND REPAIR INSTALLATION FTTH NETWORK.

## ELIGIBILITY OF CANDIDATE

- DIPLOMA OR DEGREE
- BRANCH: ELECTRICAL ENGINEERING OR ELECTRONICS AND COMMUNICATION ENGINEERING (PURSUING/COMPLETED)
- ANY CANDIDATES WHO ARE LOOKING BUSINESS OR JOB OPPORTUNITY IN TELECOM SECTOR

## COURSE FEES

**RS. 6400 PER CANDIDATE**



**SCAN FOR  
PAYMENT**

