

Certification Partners



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ANFOT

Amal Jyothi - NeST

Centre for Fiber Optics Technology

A joint venture of
Amal Jyothi College of Engineering, Kanjirappally
&
NeST Group, Cochin



"Amal Jyothi – NeST Center for Fiber Optics Technology" is envisaged as a Skill development Centre to train and mould professionals competent to work with Fiber Optic Communication systems. The Center shall impart training on all the latest technologies on fiber optics along with equipment handling, testing, splicing, troubleshooting etc. The training shall include video & audio based theory sessions and extensive practical sessions to generate a fiber optic expert out of every student. The curriculum has been designed by M/s Light Brigade Inc, USA and approved by various organizations like ETA, BICSI etc. The certification is jointly provided by NeST & Light Brigade Inc.



**Amal Jyothi College of Engineering
Kanjirappally**

Founded in 2001 by the Catholic Diocese of Kanjirappally, Amal Jyothi is approved by the AICTE and affiliated to Mahatma Gandhi University, Kottayam, Kerala and recently to the APJ Abdul Kalam Technological University, Trivandrum. The College has Kerala's largest infrastructure for engineering education in 15 lakh square feet offering the largest no. of seats in 9 streams of B.Tech and PG programmes in 11 specialisations.

A Startups Valley, Technology Business Incubator (TBI), a multi-crore project of the Govt. of India to create student entrepreneurs and to enhance value-added jobs and services; a five-star rated Remote Centre of e-outreach program 'Ekalavya' of IIT, Bombay; two campus hostels, managed by Catholic priests and sisters, accommodating 2500 students; a 10-storeyed Research Square facilitating postgraduate studies and research activities; a 500-metre skywalk connecting the College with the hostels; a 100 kW Solar Power Plant, Fully WiFi campus and hostels with 120 Mbps internet connectivity are few of the many excellent features of the college.

Course Details

Name :	Fiber Optics 1-2-3
Batch :	Crash Course
Eligibility :	SSLC, ITI, Diploma, B.Sc, Engineering, IT, Communication professionals and technicians
Class Duration :	7 hours per day
Course Duration :	20 days



NeST Group is an International Corporate group, of over 25 companies employing more than 4500 people worldwide and has a global business turnover in excess of \$200 million. The group has a strong presence in futuristic computer and communication technology areas like Fiber Optics, Networking, RF and Microwave and Software. NeST has many hardware and software facilities spread across major technology hubs in India and also at Middle East, Europe and USA.

NeST Fiber Optic Division has 25 years history of supporting customers worldwide with its state of art manufacturing facilities, dedicated R&D and product engineering. This division has employed and trained over 5000 technicians in all the latest fiber optic technologies at its various certified facilities.



The Light Brigade Inc. is the world's leading fiber optic training provider with a 25 year history. Since 1987, the Light Brigade has trained more than 50000 technicians, installers, engineers and designers from a wide variety of industries: telephony, broadband cable, utilities, media broadcast, industrial, manufacturing, mining, government, aerospace along with various branches of the military worldwide in its public and customised classes which cover the entire spectrum of fiber optics.

Course Contents

Theory

- * Introduction to fiber optics
- * Fiber Cables and connectors
- * Splicing
- * Fiber and cable management
- * Installation practices
- * Outside plant Installations
- * Test equipment
- * Optical testing
- * Safety measures
- * Active devices
- * Passive devices
- * System design

Workshop

- * Cable & splice closure preparation
- * Fusion and mechanical splicing
- * OTDR theory and operation
- * Connectorization
- * Field/outside plant installation

