

J.S.P.M.'s
Jayawantrao Sawant College of Engineering, Hadapsar, Pune-28
Department of Electronics and Telecommunication Engineering
Academic year (2019-20) Semester-II

A Webinar Report

The JSPMs JSCOE Electronics and Telecommunication Department and JSCOE IEEE student branch jointly organised a webinar on “Optical Fiber Communication –Career Opportunity in the age Covid-19” on 13th May 2020. For webinar **Mr. Rahul Nalwade** Trainer (NSDC Certified Optical Fiber Technician & EEE) invited as a resource person.

The session starts with welcome note by **Prof.Tushar Mote** (JSCOE IEEE Student Branch Counselor). **Dr. R. D. Kanphade**, Principal addressed the participants to adopt skill set for compact recent developments. **Dr. C. A. Manjare** guided participants to acquire optical fiber communication insights to get opportunity for their career advancement.

In webinar Mr.Rahul Nalwade sir discussed on evolution of telecom, optical fibre technology, Fibre optic communication system, Fibre optics layers, Application of optical fibre, Site visit and route inspection, Fibre optics tools, Trenching & Ducting, Cable Pulling, Reporting & documentation, Insertion loss test, OTDR Trace Display and career opportunity in optical fiber communication.

The webinar session lasts for two hours. Total 120 participants registered. The institute R.H.Sapat College of Engineering, Nashik, NDMVPS's Nashik, Gokhale Education Society, Nashik, M.S.Bidve Collge of Engineering Latur, JSPM's JSCOE , AISSMSIOT, Keystone college of engineering, D Y Patil Akurdi, PCCOE Pune, Bharti Vidyapeeth Pune, Sinhgad Academy of Engineering, MMCOE, RMD Sinhgad College students and faculty members were joined for webinar.

After question answer session Prof. Tushar mote thanked Mr.Rahul Nalwade for his informative session. Dr. Sanjay Sawant (Campus director) shared message about Pradhan Mantri Kaushla Yogna (PMKY) for skill development to get a job for career building. Ms. Diksha Sharma (chair, IEEE Student Branch) extent vote of thank with conclusion of session.

Prof. Tushar Mote

JSCOE IEEE Student Branch Counsellor

Glimpses of Event



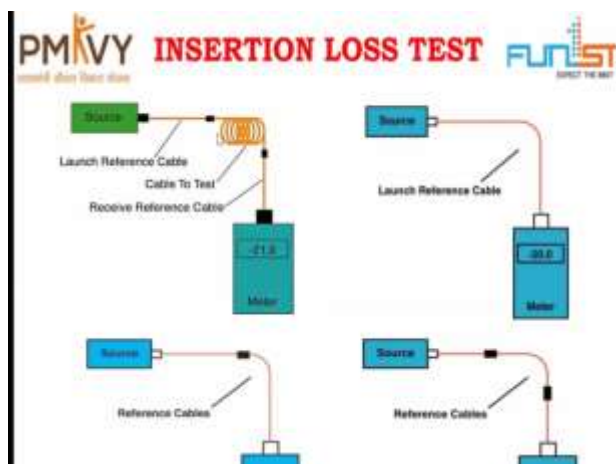
PMKVY **FURTHER JOB OPPORTUNITIES / OCCUPATIONS** **FUNLIST**

1. Optical Fiber Splicing Technician
2. Optical fiber Laying Technician.
3. OTDR Technician.
4. Fiber optic Supervisor
5. OTDR Expert.
6. Transmission Engineer
7. Optical Fiber Installer
8. Optical Fiber Troubleshooter
9. Network technician

PMKVY **FIBER OPTICS TOOLS (TEST EQUIPMENT)** **FUNLIST**

Optical Time Domain Reflectometer (OTDR)

- Used for OSP cables to verify splices and troubleshoot problems.
- Special OTDRs can also be used in premises if cables are sufficiently long.



PMKVY **FURTHER LEARNING OPPORTUNITIES LIST OF COURSES** **FUNLIST**

1. CPOT - Certified fiber optic technician, conducted by Fiber Optics Association (FOA).
2. CFOS - Certified fiber optic supervisor, conducted by Fiber Optics Association (FOA).
3. AFOT - Advanced fiber optic technician, conducted by Fiber Optics Association (FOA).