



NAPTIN & TE CONNECTIVITY

PARTNERS FOR BETTER CONNECTIONS



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Raychem
from TE Connectivity



JOINT EFFORTS FOR TOMORROW'S NETWORK

TE connectivity (TE) and the National Power Training Institute of Nigeria (NAPTIN) are joining efforts to help develop installers skills. Nigeria's power sector has been underinvested for several decades. Resulting problems include the dramatic insufficiency of infrastructure and a very low level of energy efficiency throughout the sector.

Thanks to this partnership, installers will be trained to build and maintain tomorrow's network. The training includes a combination of high-quality products and highly technical knowledge.

TE Connectivity will be providing cable jointing materials for the trainings (medium voltage joints, switchgear connectors, medium voltage surge arresters) and sharing technical knowledge with NAPTIN's trainers. NAPTIN will organize trainings sessions in some of its nine facilities in Nigeria. Together, they will offer a comprehensive training for Nigerian professionals.

Visit www.TE.com/naptin or naptin.org/ng/te for more details on the partnership and online registration.

TE CONNECTIVITY

CONNECTING & PROTECTING THE WORLD OF POWER



TE Energy, one of TE Connectivity's business units, offers a wide range of reliable and cost-effective products for the electrical power industry. As a leading supplier of electrical components, including cable jointing material, TE designs next-generation products. For over 60 years, TE has worked closely with customers around the globe to develop innovative solutions to ever-changing challenges, known under names such as Raychem, SIMEL, Axicom, B&H, Bowthorpe EMP, Crompton Instruments, Guro.

TAILOR-MADE POWER SOLUTIONS FOR INDUSTRIES



Generation



Transmission



Electrical
management
system



Distribution



Industry

NATIONAL POWER TRAINING INSTITUTE OF NIGERIA (NAPTIN)

POWER TRAINER WITH A DIFFERENCE

In order to achieve the goal of becoming one of the top twenty economies in the world by the year 2020, the Federal Government of Nigeria embarked on the reform of the electricity power industry which led to the establishment of the National Power Training Institute of Nigeria (NAPTIN) on March 2009. NAPTIN is an agency of the Federal Government under the auspices of the federal Ministry of Power to provide capacity building and meet the training needs of the Nigerian Power Sector and beyond.

**MORE THAN
9,500 PEOPLE
TRAINED**

TECHNOLOGY IS A POWERFUL TOOL TO ENGAGE LIFELONG LEARNING

Since 2009, NAPTIN has trained more than 9,500 Power Sector personnel. In parallel, a total of 710 professional engineers have been trained, graduated and certified through the NGSDP program. Today, NAPTIN offers trainings specifically designed for technical and non-technical professionals in Generation, Transmission and Distribution sub-sectors of the electricity industry.

A WIDE OFFER OF TRAININGS

CONNECTING & PROTECTING THE WORLD OF POWER

- Training programs are designed based on entry-level experience. The preferred location of the training is the Regional Training Center, Kainji, Niger State, which is the biggest training center with more available lecturing facilities and guest (including trainee and instructor) accommodation.
- The technical courses are provided in all the centers and they are categorized into short term and long term courses. All these courses are specifically designed for Generation, Transmission and Distribution professionals.
- NAPTIN classroom courses for engineers and craftsmen are modularized - spanning from 2 to 5 modules for any course.
- Hands-on training are carried out in the field with live plants/equipment.
- NAPTIN uses industry practitioners within their work place as adjunct faculty.
- All courses are evidence based. Trainees sit for exam at the end of all modules.
- Daily structured log books are kept by each trainee which is subject to assessment and rating by external instructors, assessors and verifiers.
- Competence based certificates are issued to successful trainees, while unsuccessful ones are re-invited for classroom training.



9

LOCATIONS



85

INSTRUCTORS



65+

TRAININGS

SHORT TERM COURSES



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Basic Power System Protection (P1)

Distance Protection Course (P2)

Generator Protection (P3)

Basic Instrument and Control Course for Engineers & Technicians

SCADA System - SCS

Energy Management System (EMS)

Communication Equipment (SCE)

Cable Jointing Course*

Distribution Substation Operation Course

System Operations Course

Senior Electrical Operator Course

Electrical Maintenance Course on Transformer

Electrical Maintenance Course on Switchgear

System Lines Distribution Course

Turbine Maintenance Course

Mechanical Auxiliary Plant Mgt. Course

Steam Turbine Training Course (Pupil Engineers)

Gas Turbine Training Course (Pupil Engineers)

Hydro Turbine Training Course

Thermal Operators Course

Maximum Demand Meter Course

Electrical Fitters Course

* premier partnership classes

LONG TERM COURSES

NAPTIN Graduate Skills Development Program (NGSDP) – 1 year

GENERATION (electrical and mechanical)



- _____ Maintenance Protection
- _____ Electrical Maintenance on Transformers & Switchgears
- _____ Generator Protection / Instrument & Control
- _____ Maintenance of Steam Turbine/Combined Cycle (HRSG)
- _____ Hydro Turbine
- _____ Gas Turbine/Auxiliary Mechanic
- _____ Leadership & Management

TRANSMISSION



- _____ Protection, Control & Metering
- _____ Electrical Maintenance
- _____ System Planning
- _____ System Operations
- _____ Lines Maintenance
- _____ SCADA
- _____ System Communication
- _____ Leadership & Management

DISTRIBUTION



- _____ Operation & Maintenance
- _____ Planning & Construction
- _____ Protection, Control & Metering
- _____ Communication
- _____ Energy & Customer Marketing
- _____ Leadership & Management

NAPTIN Technical Skills Acquisition Program (NTSAP) – 6 months to 1 year

Cable Jointing*	6 months
Electrical Fitter	6 months
Meter Installation, Maintenance & Management	6 months
Solar Installation, Maintenance & Management	6 months
Distribution Substation Operator (DSO)	1 year
Lines Maintenance	1 year

* premier partnership classes

FOR FURTHER INFORMATIONS

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WHEREVER ELECTRICITY FLOWS, YOU'LL FIND TE ENERGY



te.com/naptin
naptin.org.ng/te

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