



CENTER FOR WIRELESS RESEARCH & COMPETENCY DEVELOPMENT

CWRCD



A COMPREHENSIVE ONE YEAR FULL TIME TRAINING PROGRAM

STREAM I - CWNE

CERTIFIED WIRELESS NETWORK ENGINEER

STREAM II - CWDP

CERTIFIED WIRELESS DEVELOPMENT PROFESSIONAL



Rajiv Gandhi Memorial Telecom Training Centre , RGM TTC ,an ISO 9001 : 2008 Certified institute ,is one of the pioneer Telecom Training Centers in India serving for the training needs on different fields of Telecommunication, Accounts, Computers, Civil, Electrical, Management and Information Technology for the officers/Staff of BSNL. RGM TTC was established during early sixties of last century under the administrative control of Tamil Nadu Telecom Circle of erstwhile P and T, then Department of Telecom of Government of India, to impart training to staff and officers on Installation and Maintenance of Telecom Systems to serve the people of India. Initially RGM TTC started functioning as The CIRCLE TELECOM TRAINING CENTRE following its predecessor - the telegraph training classes which were started as early as 1919. The training centre was upgraded to the STS level with the principal as the head of the institution with effect from 26.12.1972. When Bharat Sanchar Nigam was formed in October 2000, the training center also came under the fold of BSNL. The training centre has been upgraded and renamed as Rajiv Gandhi Memorial Telecom Training Centre (RGM TTC) with effect from 27/09/2004

Nexgtech Research Labs is a Research & Development unit specializing in Wireless Domain. Promoted by Altech Star (ETA Ascon Group - \$6.0 Billion Conglomerate, Dubai) present in USA, Europe & APAC. Nexgtech Research Labs is the first company in India focusing on Research & Development in Wireless Technology. Set-up R&D Lab towards 3G, 3.5G +, 4G, 5G - Wireless Communication System. Nexgtech Research Labs would provide System and Solution Architecting in solving problems to bottlenecks in current and future wireless business. It provides a robustness of International R&D practices in Embedded Product Engineering, Protocol Design, Reverse Engineering, Test Plans and Competency Developments. Current practices are in the areas of LTE, 3.5G+, WiMAX, IEEE 802.11n, SDR/CR, OBSAI Multiple Radio, MIMO, 2G Enhancements, RF optimization for 2G/3G, Modeling & Simulation and Virtual Reality.

LAB INFRASTRUCTURE

BSNL-RGM TTC & NEXGTECH R&D LAB FACILITY

Lab consists of equipments from NORTEL, HUAWEI, ZTE,UTSTARCOM, CISCO, JUNIPER, TEJAS, NOKIA SIEMENS,RADCOM etc. to support GSM/GPRS, 3G UMTS/HSPA, CDMA 2000, CDMA 2000 EVDO, PDH,SDH/SONET, IP ROUTING & SWITCHING, BROADBAND NETWORKS AND OPTICAL NETWORKS.

WIRELESS R&D LAB



For BSNL Lab facility log on to:

<http://61.1.197.244/rgmttc/labsgallery/index.html>

COURSE DETAILS

I. CWNE (Certified Wireless Network Engineer)

Duration: 1 Year

Eligibility: B.E (IT/CSE/ECE/EIE/EEE/ICE)

Course Features:

The CWNE Program is designed for Engineers aspiring to become Network Specialist in Supporting Service Provider Networks, Telecommunication/Wireless Network Consultants, Network Integrators, IT Enterprises and Technical Support Centers.

Course Coverage:

Telecom/Datacom Fundamentals

IP Networks and Protocols : L2/L3 Switching, STP, VLAN, IP-VPN, IP-MPLS, RIP, OSPF, ICMP, IGMP, SNMP, BGP, IS-IS, EIGRP

TDM Networks : PDH/SDH, SDH/SONET (Fault & Performance Management) :

Fixed Wireless Networks WLAN (Wi-Fi) 802.11 b/g/n, Zigbee

Broadband Networks : xDSL Technologies (ADSL 2+, HDSL) DOCSIS

Mobile Networks : GSM/GPRS, CDMA2000/EVDO, 3G-UMTS/HSPA+

Next Generation Networks : WiMAX(IEEE 802.16 e/m), LTE, MBMS/DVB-H, IMS : Network

Project Management Engineering/Design, RF Engineering & Optimization,

OMC & NOC Operations, Traffic Engineering & Planning

Behavioral Management, Interpersonal Skills & Communication skills Enhancement.

Course Schedule:

1 Week Technology Readiness Program @ NexGtech R&D Lab Chennai.

2 months & 1 week Hands On Training @ BSNL RGM TTC Chennai.

9 Months & 2 Weeks Project Engineering @ NexGtech R&D Lab Chennai.

Course Fees: INR.200000(Two Lacs)+ 10.3% Service Tax Payable in Single Installment .

Payment Mode: Cash/DD in favour of " Nexgtech Research Labs" payable @ chennai .

II. CWDP (Certified Wireless Development Professional)

Duration: 1 Year

Eligibility: B.E (IT/CSE/ECE/EIE/EEE/ICE)

Course Features:

The CWDP Program is designed for Engineers aspiring to become Software /Firmware Development, Testing (Protocol & Applications), Product Engineering & Development (Embedded/RTOS) and R&D in the area of Wireless & Telecommunications OEM/ODM (Chipset Vendors/Equipment Manufacturers/Firmware & L2/L3 Protocol Developers/Application Developers).

Course Coverage:

Programming	: C, C++, Java/VC++, UNIX Internals
Embedded/RTOS	: Embedded Linux, VX Works on Freescale/Intel/TI Target Hardware with ARM 7/9, OMAP
Telecom/Datacom Fundamentals	
IP Networks and Protocols	: L2/L3 Switching, STP, VLAN, IP-VPN, IP-MPLS, RIP, OSPF, ICMP, IGMP, SNMP, BGP, IS-IS, EIGRP
Wireless Access Networks	: WLAN (Wi-Fi) 802.11 b/g/n, Zigbee, GSM/GPRS, CDMA2000/EVDO, 3G-UMTS/HSPA+
Next Generation Networks	: WiMAX (IEEE 802.16 e/m), LTE, MBMS/DVB-H, IMS
Project Management	: SDLC (Software Development Life Cycle), Telecom Software Architecture (ATCA/MicroTCA), CodeWarrior and Code Optimization, Fast Path programming, Embedded Development Architecture-Multi Core/Single Core, Device Driver and Protocol Stack Development and Testing.
Behavioral Management, Interpersonal Skills & Communication skills Enhancement.	

Course Schedule:

1 Week Technology Readiness Program @ NexGtech R&D Lab Chennai.

1month & 2 weeks Hands On Training @ BSNL RGM TTC Chennai.

10 Months & 1 Week Project Engineering @ NexGtech R&D Lab Chennai/Bangalore.

Course Fees: INR.200000 (Two Lacs) + 10.3% Service Tax Payable in Single Installment.

Payment Mode: Cash/DD in favour of " Nexgtech Research Labs" payable @ Chennai.

FAQS

1. What are Copies of the Certificates to be attached along with the Application Form?

Photo copies of 10, +2, Degree & Provisional certificate, Passport, Address/Residence Proof (Ration card/Voters ID)

2. Any Job assurance; where will be the posting of jobs? (in India or Abroad)

It is an employment based program. After successful completion of course, the candidates will be reviewed/interviewed by our clients. Then they will be posted anywhere in India based on client requirements. Abroad opportunities are based on VISA permit and the clientele prospects to the eligible candidates.

3. Course Venue and Timing

Venue I - BSNL RGM-TTC, Chennai. & Venue II - CWRCD, Chennai

4. Any other fees, in addition to Course fee, Boarding and Lodging?

No.

5. Whether boarding and lodging is provided for the entire course?

No. Boarding and Lodging is provided only for the first few weeks at RGM TTC at an extra cost. For the remaining part of the course, the candidates have to make their own arrangements.

6. Whether any reimbursement of the fees is possible in case of discontinuing the course in the middle?

Non-refundable.

7. Whether leave/absence is permissible during the course?

With prior approval from RGM-TTC & CWRCD authorities.

8. What are the likely companies the student can join after course completion & successful evaluation?

For CWNE program:-

ETA INFOTECH-DUBAI, AIRTEL, AIRCEL, TATA-VSNL, TTSL, RELIANCE COMMUNICATION, NOKIA SIEMENS NETWORKS,GTL, WIPRO, ALCATEL, HUAWEI, ERICSSON, IBM, CISCO, MOTOROLA, SIEMENS, HCL INFOSYSTEMS AND OTHER IT AND ITES SERVICE PROVIDERS/SYSTEM&NETWORK INTEGRATORS.

For CWDP Program:-

ARICENT, ALCATEL-LUCENT, NOKIA SIEMEMNS R&D, CISCO, NORTEL, JUNIPER, HUAWEI R&D, MOTOROLA R&D, WIPRO, HCL, SASKEN, TECH MAHINDRA, SAMSUNG, TI, FREESCALE, INTEL, HONEYWELL, BOSCH, MINDTREE, SONY ERICSSON R&D, NEXGTECH R&D etc.

9. What would be an average salary for the students after 1 year of course completion?

For CWNE - Rs. 12000 to 22000 (Depending upon the client and nature of project/work)

For CWDP - Rs. 18000 to 40000 (,, ,, ,,)

10. What if a student is unable to get placed in any project/organization after 1 year?

We will provide extra coaching and correct the relevant mistakes till he/she gets into project/organization. Our aim is to make all the candidates billable in to a project after 1 year completion.

11. Is there any bond or any legal execution for employment after 1 year of training?

All candidates who will work with Nexgtech client project will execute a 2year work bond and all other candidates, who will be placed with the clients directly has to adhere to their company policies.

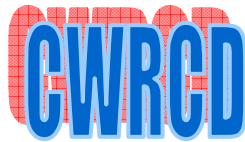
Contact Details:

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CENTER FOR WIRELESS RESEARCH & COMPETENCY DEVELOPMENT

IN COLLABORATION WITH



APPLICATION FORM

Course Name:

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CWNE (CERTIFIED WIRELESS NETWORK ENGINEER)

Duration: 1Year

CWDP (CERTIFIED WIRELESS DEVELOPMENT PROFESSIONAL)

Duration: 1Year

(Please Tick Appropriate Box)

1. Full Name (In block letters)

Sur Name	:	
First Name	:	
Middle Name	:	

2. Father Name :

3. Address for Correspondence

House No	:	
Street	:	
City/Town/village & P.O.		
District	:	
State	:	

4. Date of Birth	<u>DD</u>	<u>MM</u>	<u>YYYY</u>
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5.Details of educational qualifications Degree/HSC/SSLC onwards Examination passed	University/ Board/ Institution/ Council of Examination	Main subjects	Year of passing	Percentage marks	Division/ Class/ Grade

6. Total Annual course fee: Rs.....

DD No/Cheque No:

Date:

(Course Fee (Non-Refundable))

7. Documents enclosed with the application

- (i) One copy of passport size photograph with signature
- (ii) Certificates of educational qualifications.
- (iii) Proof of permanent residence.
- (iv) Passport Copy.

8. Nationality :

9. Reference :

10. Contact No :

11. Declaration:

- (i) I hereby declare that the information given above is correct.
- (ii) I shall abide by the terms and conditions of the Organization.

Signature of the candidate

Date:

Place: