

## Career Programs Based on MMS Curriculum

### Software Engineering -- Microsoft Technologies

If you register for....	Which consists of semester(s) .....	Whose contents are ....	You will get ...
Advanced Certificate in Information Technology (BACT)	CXQ01, and CXQ02	<ul style="list-style-type: none"> <li>▪ Office Applications</li> <li>▪ Programming Fundamentals</li> <li>▪ Understanding IT Applications</li> <li>▪ Operating Systems Fundamentals</li> <li>▪ Networking Fundamentals</li> </ul>	Advanced Certificate in Information Technology (Networked Desktop Specialist)
Associate Diploma in Information Technology (BCSIT)	CXQ01, CXQ02 and CXQ03	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Relational Database Design</li> <li>▪ Implementing Databases using SQL Server 2000</li> </ul>	Associate Diploma in Information Technology (Core Concepts)
Honors Diploma in Information Technology (SCHIT)	CXQ01, CXQ02, CXQ03 and SCQ04	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Web Content Development</li> <li>▪ Developing Object based Client Server Applications</li> </ul>	Honors Diploma in Information Technology (Software Engineering)
Advanced Diploma in Information Technology (SCAIT)	CXQ01, CXQ02, CXQ03, SCQ04, SCQ05 and SCQ06	Additionally..... <ul style="list-style-type: none"> <li>▪ Fundamentals of Linux Operating System</li> <li>▪ Understanding Software Business Processes and Development Life Cycle</li> <li>▪ Developing Portable Web Applications using XML Technologies</li> <li>▪ Object Oriented Analysis and Design using UML</li> </ul>	Advanced Diploma in Information Technology (Software Engineering)
Professional Diploma in Information Technology (SMPIT) / DNIIT # (SMDNT)	CXQ01, CXQ02, CXQ03, SCQ04, SCQ05, SCQ06, SMQ07 and SMQ08	Additionally..... <ul style="list-style-type: none"> <li>▪ Developing Enterprise-wide Applications Part I (.Net)</li> <li>▪ Developing Enterprise-wide Applications Part II (.Net)</li> <li>▪ Developing Enterprise-wide Applications Part III (.Net)</li> <li>▪ Understanding Application Development Life Cycle and Architecture (.Net)</li> <li>▪ Understanding Site Design Methodology and Management</li> </ul>	Professional Diploma in Information Technology (Software Engineering – Microsoft Technologies) / DNIIT (Software Engineering – Microsoft Technologies)
Graduate Diploma in Information Technology (SMGIT) / PNIIT # (SMPNT)	CXQ01, CXQ02, CXQ03, NCQ04, SCQ05, SCQ06, SMQ07, SMQ08, SMQ09, SCQ10, SMQ11 and SCQ12	Additionally..... <ul style="list-style-type: none"> <li>▪ Understanding eCommerce Business and Strategies</li> <li>▪ Understanding, Developing and implementing eCommerce Solutions (.Net)</li> <li>▪ Software Development, Quality Management and Quality Assurance</li> <li>▪ Understanding Software Project Management</li> <li>▪ Introduction to Information Systems Security</li> <li>▪ Developing Mobile Applications (.Net)</li> <li>▪ Business Intelligence</li> <li>▪ Enterprise Application Integration</li> </ul>	Graduate Diploma in Information Technology (Software Engineering – Microsoft Technologies) / PNIIT (Software Engineering – Microsoft Technologies)

## Software Engineering -- Java Technologies

If you register for....	Which consists of semester(s) .....	Whose contents are ....	You will get ...
Advanced Certificate in Information Technology (BCACT)	CXQ01, and CXQ02	<ul style="list-style-type: none"> <li>▪ Office Applications</li> <li>▪ Programming Fundamentals</li> <li>▪ Understanding IT Applications</li> <li>▪ Operating Systems Fundamentals</li> <li>▪ Networking Fundamentals</li> </ul>	Advanced Certificate in Information Technology (Networked Desktop Specialist)
Associate Diploma in Information Technology (BCSIT)	CXQ01, CXQ02 and CXQ03	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Relational Database Design</li> <li>▪ Implementing Databases using SQL Server 2000</li> </ul>	Associate Diploma in Information Technology (Core Concepts)
Honors Diploma in Information Technology (SCHIT)	CXQ01, CXQ02, CXQ03 and SCQ04	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Web Content Development</li> <li>▪ Developing Object based Client Server Applications</li> </ul>	Honors Diploma in Information Technology (Software Engineering)
Advanced Diploma in Information Technology (SCAIT)	CXQ01, CXQ02, CXQ03, SCQ04, SCQ05 and SCQ06	Additionally..... <ul style="list-style-type: none"> <li>▪ Fundamentals of Linux Operating System</li> <li>▪ Understanding Software Business Processes and Development Life Cycle</li> <li>▪ Developing Portable Web Applications using XML Technologies</li> <li>▪ Object Oriented Analysis and Design using UML</li> </ul>	Advanced Diploma in Information Technology (Software Engineering)
Professional Diploma in Information Technology (SJPIT) / DNIIT #(SJDNT)	CXQ01, CXQ02, CXQ03, SCQ04, SCQ05, SCQ06, SJQ07 and SJQ08	Additionally..... <ul style="list-style-type: none"> <li>▪ Developing Enterprise-wide Applications Part I (J2EE)</li> <li>▪ Developing Enterprise-wide Applications Part II (J2EE)</li> <li>▪ Developing Enterprise-wide Applications Part III (J2EE)</li> <li>▪ Understanding Application Development Life Cycle and Architecture (J2EE)</li> <li>▪ Understanding Site Design Methodology and Management</li> </ul>	Professional Diploma in Information Technology (Software Engineering – Java Technologies) / DNIIT (Software Engineering – Java Technologies)
Graduate Diploma in Information Technology (SJGIT) / PNIIT #(SJPNT)	CXQ01, CXQ02, CXQ03, NCQ04, SCQ05, SCQ06, SJQ07, SJQ08, SJQ09, SCQ10, SJQ11 and SCQ12	Additionally..... <ul style="list-style-type: none"> <li>▪ Understanding eCommerce Business and Strategies</li> <li>▪ Understanding, Developing and implementing eCommerce Solutions (J2EE)</li> <li>▪ Software Development, Quality Management and Quality Assurance</li> <li>▪ Understanding Software Project Management</li> <li>▪ Introduction to Information Systems Security</li> <li>▪ Developing Mobile Applications (J2EE)</li> <li>▪ Business Intelligence</li> <li>▪ Enterprise Application Integration</li> </ul>	Graduate Diploma in Information Technology (Software Engineering – Java Technologies) / PNIIT (Software Engineering – Java Technologies)

## Network Engineering -- Microsoft Technologies:

If you register for....	Which consists of semester(s) .....	Whose contents are ....	You will get ...
Advanced Certificate in Information Technology (BCACT)	CXQ01, and CXQ02	<ul style="list-style-type: none"> <li>▪ Office Applications</li> <li>▪ Programming Fundamentals</li> <li>▪ Understanding IT Applications</li> <li>▪ Operating Systems Fundamentals</li> <li>▪ Networking Fundamentals</li> </ul>	Advanced Certificate in Information Technology (Networked Desktop Specialist)
Associate Diploma in Information Technology (BCSIT)	CXQ01, CXQ02 and CXQ03	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Relational Database Design</li> <li>▪ Implementing Databases using SQL Server 2000</li> </ul>	Associate Diploma in Information Technology (Core Concepts)
Honors Diploma in Information Technology (NCHIT)	CXQ01, CXQ02, CXQ03 and NCQ04	Additionally..... <ul style="list-style-type: none"> <li>▪ Implementing and Administering MS Windows 2000 Professional</li> <li>▪ Administering MS SQL Server 2000 Databases</li> </ul>	Honors Diploma in Information Technology (Network Engineering)
Advanced Diploma in Information Technology (NMAIT)	CXQ01, CXQ02, CXQ03, NCQ04, NMQ05 and NMQ06	Additionally..... <ul style="list-style-type: none"> <li>▪ TCP/IP Fundamentals and Concepts</li> <li>▪ Managing and Maintaining a Microsoft Windows Server 2003 Environment</li> <li>▪ Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure</li> <li>▪ Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure</li> </ul>	Advanced Diploma in Information Technology (Network Engineering – Microsoft Technologies)
Professional Diploma in Information Technology (NMPIT) / DNIIT # (NMDNT)	CXQ01, CXQ02, CXQ03, NCQ04, NMQ05, NMQ06, NMQ07 and NMQ08	Additionally..... <ul style="list-style-type: none"> <li>▪ Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure</li> <li>▪ Designing Security for a Microsoft Windows Server 2003 Network</li> <li>▪ Linux System Administration</li> <li>▪ IT Infrastructure Planning and Management</li> </ul>	Professional Diploma in Information Technology (Network Engineering – Microsoft Technologies) / DNIIT (Network Engineering – Microsoft Technologies)
Graduate Diploma in Information Technology (NMGIT) / PNIIT # (NMPNT)	CXQ01, CXQ02, CXQ03, NCQ04, NMQ05, NMQ06, NMQ07, NMQ08, NCQ09, NCQ10, NCQ11 and NCQ12	Additionally..... <ul style="list-style-type: none"> <li>▪ Advance Systems and Network Management</li> <li>▪ Understanding IT Project Management</li> <li>▪ Information Systems Security Essentials</li> <li>▪ Fundamentals of Network Security, Firewalls and VPNs</li> <li>▪ IS Risk Management and Intrusion Detection</li> <li>▪ Hacker Techniques, Tools and Incident Handling</li> <li>▪ Security Policies and Implementation Issues</li> <li>▪ System Forensics, Investigation and Response</li> </ul>	Graduate Diploma in Information Technology (Network Engineering – Microsoft Technologies) / PNIIT (Network Engineering – Microsoft Technologies)

## Network Engineering -- Linux Technologies:

If you register for....	Which consists of semester(s) .....	Whose contents are ....	You will get ...
Advanced Certificate in Information Technology (BCACT)	CXQ01, and CXQ02	<ul style="list-style-type: none"> <li>▪ Office Applications</li> <li>▪ Programming Fundamentals</li> <li>▪ Understanding IT Applications</li> <li>▪ Operating Systems Fundamentals</li> <li>▪ Networking Fundamentals</li> </ul>	Advanced Certificate in Information Technology (Networked Desktop Specialist)
Associate Diploma in Information Technology (BCSIT)	CXQ01, CXQ02 and CXQ03	Additionally..... <ul style="list-style-type: none"> <li>▪ Introduction to Relational Database Design</li> <li>▪ Implementing Databases using SQL Server 2000</li> </ul>	Associate Diploma in Information Technology (Core Concepts)
Honors Diploma in Information Technology (NCHIT)	CXQ01, CXQ02, CXQ03 and NCQ04	Additionally..... <ul style="list-style-type: none"> <li>▪ Implementing and Administering MS Windows 2000 Professional</li> <li>▪ Administering MS SQL Server 2000 Databases</li> </ul>	Honors Diploma in Information Technology (Network Engineering)
Advanced Diploma in Information Technology (NLAIT)	CXQ01, CXQ02, CXQ03, NCQ04, NLQ05 and NLQ06	Additionally..... <ul style="list-style-type: none"> <li>▪ TCP/IP Fundamentals and Concepts</li> <li>▪ Essentials of Linux Operating System</li> <li>▪ Linux System Administration</li> <li>▪ Linux Networking and Security Administration</li> </ul>	Advanced Diploma in Information Technology (Network Engineering – Linux Technologies)
Professional Diploma in Information Technology (NLPIT) / DNIIT # (NLDNT)	CXQ01, CXQ02, CXQ03, NCQ04, NLQ05, NLQ06, NLQ07 and NLQ08	Additionally..... <ul style="list-style-type: none"> <li>▪ Enterprise Directory Services and Authentication</li> <li>▪ Linux Advanced Administration and Troubleshooting</li> <li>▪ Windows System Administration</li> <li>▪ IT Infrastructure Planning and Management</li> </ul>	Professional Diploma in Information Technology (Network Engineering – Linux Technologies) / DNIIT (Network Engineering – Linux Technologies)
Graduate Diploma in Information Technology (NLGIT) / PNIIT # (NLPNT)	CXQ01, CXQ02, CXQ03, NCQ04, NLQ05, NLQ06, NLQ07, NLQ08, NCQ09, NCQ10, NCQ11 and NCQ12	Additionally..... <ul style="list-style-type: none"> <li>▪ Advance Systems and Network Management</li> <li>▪ Understanding IT Project Management</li> <li>▪ Information Systems Security Essentials</li> <li>▪ Fundamentals of Network Security, Firewalls and VPNs</li> <li>▪ IS Risk Management and Intrusion Detection</li> <li>▪ Hacker Techniques, Tools and Incident Handling</li> <li>▪ Security Policies and Implementation Issues</li> <li>▪ System Forensics, Investigation and Response</li> </ul>	Graduate Diploma in Information Technology (Network Engineering – Linux Technologies) / PNIIT (Network Engineering – Linux Technologies)

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1. **DNIIT/PNIIT title is awarded only to the students who have successfully completed the PUSRC prior to the commencement of the first quarter at NIIT.**
2. **The students need to complete all quarters in normal track to be eligible for DNIIT/PNIIT title.**
3. **The other eligibility criteria are stated in the Student Hand Book.**
4. **DNIIT/PNIIT course is available at select centres.**