

**Post Graduate Diploma in Computer Application**  
**(One Year Full time Degree)**  
**Computer Department, Hem. North Gujarat University,**  
**Patan – 384265, Gujarat State**

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**Semester - I**

DCA101	Logic Development Using Programming Language - 'C'
DCA102	Database Management System
DCA103	Data Communication, Internet, Web Designing And E-Commerce
DCA104	Office Automation Tools
DCA105	Practical Based On DCA-101
DCA106	Practical Based On DCA-102
DCA107	Practical Based On DCA-103
DCA108	Practical Based on DCA-104
DCA109	Dtp & Multimedia Packages

**Semester - II**

DCA201	Object Oriented Programming using JAVA
DCA202	Advanced Database Management System
DCA203	GUI Programming Using Visual Basic
DCA204	System Analysis & Design
DCA205	Practical On DCA-201
DCA206	Practical On DCA-202
DCA207	Practical On DCA-203
DCA208	Computer Assembling And Hardware Maintenance
DCA209	System Development Project