I   Program ObjectivesThe Diploma in Computer Applications(DCA) program focuses on developing specific knowledge and competency level in the potential student for preparing him/her job opportunities in open market and Government.

The program also aims to strengthen Government of India mandate for creating awareness and job skills under Open Source Software (FOSS).   The Government of India Gazette notification April 2015 on "Policy on adoption of open Source Software for Government of India" and Ministry of Electronics & Information Technology, Government of India on-going efforts are in this direction.

The Ministry of Education, Government of India (earlier Ministry of Human resources Development) initiative (Spoken Tutorial), a project under the National Mission on Education has developed FOSS learning content which is implemented by IIT Bombay.   The DCA program largely leverages the self-paced e-learning content developed under this project, CSC Academy as one of the partners with IIT Bombay on this project.

The program offers a modular approach and Dual certification process for the potential students offering them various opportunities in enhancing the job opportunities.

II   Opportunities after DCA programProgram aims to develop specific IT and functional knowledge and competency and prepare a candidate for:

Job opportunities in private sector, government or self-employed.

Job opportunities in area of software development, App development, Website development, Graphics & Multimedia designer, Office executive, Sales, Customer support, logistics, etc

Job opportunities in functional areas of Accounting, Library management.

Student will be able to work on various Free & Open Source Software (FOSS) and this enhances join opportunities for the candidate in industry.

Over a period of time most of the State Governments and NIC has moved all their software applications to Open Source. As a recent Red Hat survey found, 86% of IT leaders said the most innovative companies are using open-source software, citing higher quality solutions, lower cost of ownership, improved security, and cloud-native capabilities as the top reasons for usage. So, even in these bad times of Pandemic, the demand for open-source savvy is higher than ever.   Specifically, 81% of hiring managers say hiring open source talent is a priority going forward. Finding sufficient talent with open source skills is difficult for 93% of hiring managers, up from 87% in 2018 (Source: the 2020 open Source Jobs report, The Linux Foundation & edX, October 2020).

III   Course Duration

Total duration of the DCA program is 12 (Twelve) months – One year.

Student can complete the program in maximum of one and half year from date of registration.

The complete program is self-paced and online.

The DCA program is job oriented and provides develops sufficient knowledge and competency is specific areas of jobs.   Therefore, it is important for the student to spend sufficient time in practice

IV   Learning Outcomes(Knowledge, Skills and Competency areas)

On successful completion of the DCA program, the candidate shall be able to develop skills and competencies in the following:

Basic understanding of IT systems, Social media, e-Commerce, Digital banking, Digital marketing;Software installation and support;Open Source technologies, platforms and applications;Office automation applications like, Word-processing, Spreadsheet, Presentations, Database, Draw, dealing with mathematical formulas;Graphic design, Multimedia and Animation skills using state-of-the-art 2D/3D graphics and animation software;Intermediate level programming in C, C++ and Java languages;Website page programming and development using HTML, PHP & MySQL and Joomla;Functional applications like Accounting ERP, Library Management System.

V   Evaluation and CertificationOn completion of all modules, the successful candidates shall be awarded "Diploma in Computer Applications" by CSC Academy.

  After learning and practice under each module, the student is required to appear for an online proctored test.   Candidates who get 40% in each module are considered as Pass for the said program module.

DUAL CERTIFICATION ADVANTAGE:

The program offers dual certification opportunity for the student.   Under this students who successfully complete specific program modules shall be eligible for individual module certification.

The "Basic course in Information Technology" (BCIT) module certificate is jointly awarded by CSC Academy & Indian School of Business, Hyderabad (ISB).

Other modules based on programming and Open Source Software module certificate is jointly awarded by CSC Academy and Spoken Tutorial (IIT Bombay) under Open Source Software initiative of Ministry of Education, Government of India.   All professional modules are approved by AICTE (All India Council for Technical Education) Government of India under FDP (Faculty Development Program).