Faculty of Computer Applications & Information Technology

Post Graduate Diploma In Computer Science & Applications (PGDCA)

One Year Diploma Programme

GLS UNIVERSITY

GLS University is a statutory state private university established by the act of Gujarat State Assembly. GLS University is set up with the vision to benchmark global standards of education and create path breaking programmes in the area of strategic importance not only to the country but also across the world. The university has initiated various innovative programmes in diverse areas of Management, Information Technology, Design, Communications, Social Sciences, Commerce etc. It already offers programmes like MCA, MBA, MSc (IT), iMSc (IT), BCA, BBA, iMBA, BCom, MCom, B. Design, M. Design, PGDCA, LLM and PhD. With a view to providing an impetus to research, the University intends to have research focus in its under graduate and postgraduate programmes. GLS University, with its rich legacy of Gujarat Law Society that has been in the field education for over a period of nine decades is now poised to become Gujarat's first globally relevant university, delivering quality education at affordable costs.

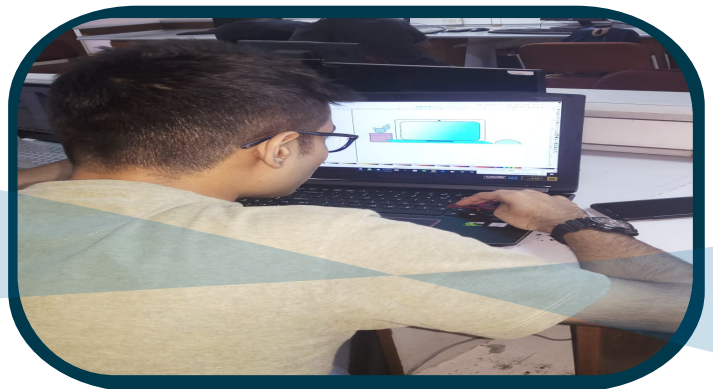## Faculty of Computer Applications & Information Technology

FACIT offers comprehensive post graduates and under graduates programmes under the aegis of GLS University. The computer science and IT programmes integrates the best in academic and technological spheres. The institute is synonymous with practical and industry focused education.

Post Graduate Diploma In Computer Science & Applicaitons

PG Diploma in Computer Science and Applications (PGDCA) Programme of GLS University, Faculty of Computer Applications & Information Technology (FCAIT) is a one year full time post graduate diploma programme. With the increased use of computer based system in various sector of world economy there is a growing requirement for professionals having interdisciplinary combined knowledge of computer programming with other disciplines. The programme is designed to develop the programming and analytical ability of the students. The approach is to prepare students from diverse fields in developing skills related to programming and understanding the concepts related to Computers and its applications which will help them to pursue promising career in software industry.

For Whom?

- For students who want to pursue higher studies in foreign countries and require 4 years study (**3 yrs Bachelors + 1 yr PGDCA**)
- Graduates of **Arts, Science, Commerce, Management or any other equivalent discipline** from a recognized University who wish to make a long term career in Information Technology.
- Graduates planning to pursue masters programme in Information Technology can become eligible for the entry to such programme after completion of PGDCA.
- Candidates aspiring to carve out a promising career through exclusive blend of Technical Expertise and Domain Knowledge.

Salient Features

- One year post graduate diploma programme for students who do not have computer science background.
- One year post graduate diploma programme forstudents who want to pursue higher studies in foreign countries and require 4 years study (3 yrs Bachelors + 1 yr PGDCA)
- Contemporary Open Source Software with experimental and exploratory approach.
- Access to E-resources from IET, EBSCO and many open access journals.
- Expert Faculty team comprising of experienced academicians, experienced IT Managers and Consultants.
- A university with high success rate and excellent student support.

Life @ PGDCA

Admission Process

- Admissions will be given based on score obtained in graduation and personal interview.
- **Candidates who have appeared in the final year examination can also apply.**
- GLS University reserves the right to make any exception in the above rules without any notice. However, in case of any doubt regarding interpretation of any clause, the decision of the University authorities will be final.
- Allocation for SC, ST, SEBC etc. categories will be as per the rules of the University and State Government of Gujarat prevailing at the time of admissions.
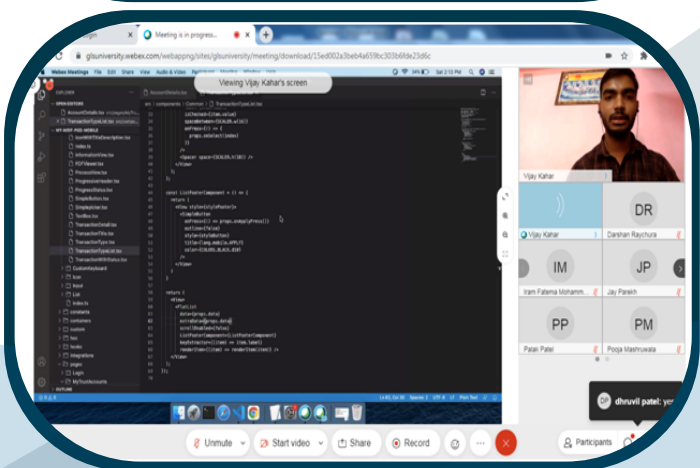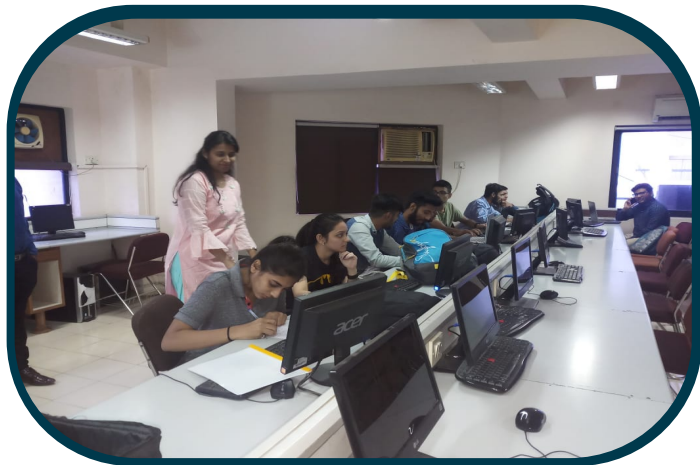
Course Structure of PGDCA

Semester I

- Problem Solving Methodology
- Object Oriented Concepts and Java Programming
- Relational Database Management System
- Introduction to Web Technologies
- Business Data Communication
- Open Source Office and Design Tool

Semester II

- Web Programming Using Java
- Web Development Using PHP and Framework
- Sturctured Object Oriented Analysis and Design
- Data Analysis and Visualization
- Mini Project on IT Application

Resources

- Full furnished AC classrooms and tutorial rooms.
- Library with more than 11000 Computer Science books.
- Subscription to 50 journals and E-resources such as IET, EBSCO and open access journals.
- Access to 150+ computers with Ubuntu 16.04 LTS and 60 computers with MAC OS.
- Experimental Laboratory for hands-on unscheduled experiments.
- Secured network having Ubuntu 16.04 LTS servers with necessary software and firewall.
- Dedicated multiple high speed Internet connection of 60.0 Mbps.
- Campus wide WiFi facility provided through state of art HP Aruba solution.
- World class gymnasium and auditorium.
- Covid'19 proof residences with fully furnished AC/Non-AC rooms(for boys/girls) at Stanza Living.

Alumni Speaks

Always had a knack for computers and wanted to know the working behind them. I came across an article for the PGDCA program after completing my BCom which welcomed students from various academic backgrounds. With little experience in coding getting into a new stream was a challenge but a welcoming one. I'm very grateful to GLS University for giving me this great opportunity to enter the world of computers and doing what I really love to do.

- Aniruddha Chakraborty (2019-2020)

After completing M.Com, PGDCA program proved to be a pool of opportunities for me. It was an exciting and learning experience for me. The biggest thing for every non-IT student is to get an opportunity to start their career in IT after completing studies. I am very thankful to the GLS University to make my journey smooth and easy towards success. Also I suggest to the people they can choose this course and make their great future.

- Aesha Shah (2019-2020)

Contact Details

Faculty of Computer Applications & IT
PGDCA Programme, GLS University
GLS Campus, Opp. Law Garden, Ellisbridge, Ahmedabad - 380006
+91 6352417892 | +91 9409583791
pdgca@glsuniversity.ac.in
www.glsmscit.org/pgdca | www.glsuniversity.ac.in/pgdca.html