BUILD YOUR FUTURE IN COMPUTER SCIENCE

B.SC COMPUTER SCIENCE

(WORK-LINKED)

ABOUT DR. D. Y. PATIL VIDYAPEETH

In 2003, Dr. D. Y. Patil University was established as a "Deemed-to-be-University" under Section 3 of the UGC Act 1956. It began with one constituent unit, Dr. D. Y. Patil Medical College, Hospital, and Research Centre, Pune. Over the years, the university has grown significantly, adding multiple institutions under its umbrella. The Government of India, MHRD, on the advice of UGC, declared Dr. D. Y. Patil University, Pune, as a Deemed-to-be University on January 11, 2003. And has an A + + accreditation from NAAC.

WHY CHOOSE US?

NAAC 'A++'
grade accredited university.

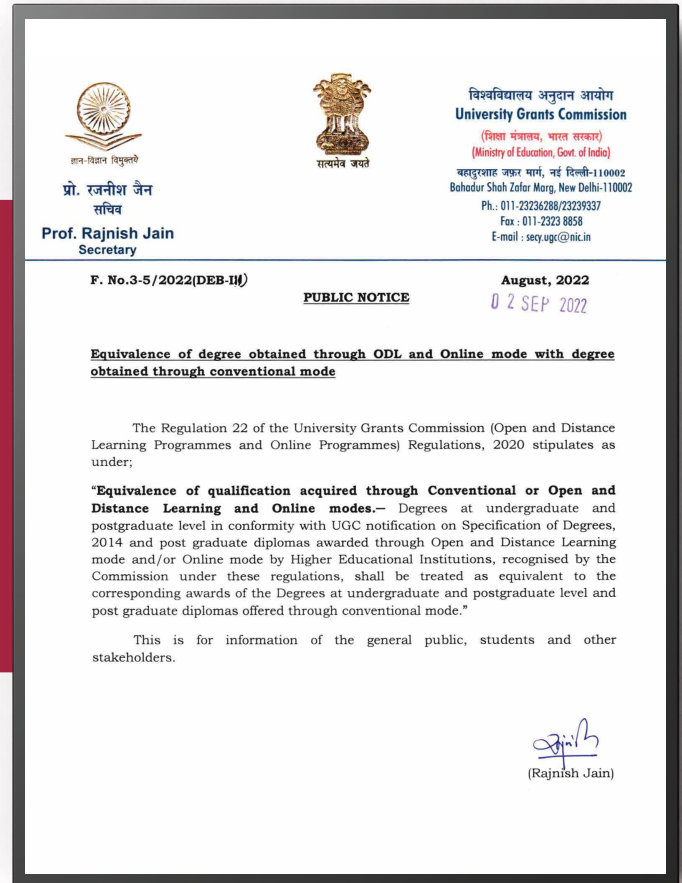**RANK IN TOP 50**
Universities By NIRF

40+ YEARS
of excellence in education

1,50,000 +
strong alumni network across the globe

ONLINE DEGREE = REGULAR DEGREE

According to Regulation 22 of the UGC in 2020, online degrees are now considered just as valid & credible as traditional, offline degrees.

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)
बहादुरशाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
Ph.: 011-23236288/23239337
Fax : 011-2323 8858
E-mail : secy.ugc@nic.in

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary

F. No.3-5/2022(DEB-III)   **PUBLIC NOTICE**   August, 2022
0 2 SEP 2022

Equivalence of degree obtained through ODL and Online mode with degree obtained through conventional mode

The Regulation 22 of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 stipulates as under;

"**Equivalence of qualification acquired through Conventional or Open and Distance Learning and Online modes.**— Degrees at undergraduate and postgraduate level in conformity with UGC notification on Specification of Degrees, 2014 and post graduate diplomas awarded through Open and Distance Learning mode and/or Online mode by Higher Educational Institutions, recognised by the Commission under these regulations, shall be treated as equivalent to the corresponding awards of the Degrees at undergraduate and postgraduate level and post graduate diplomas offered through conventional mode."

This is for information of the general public, students and other stakeholders.

(Rajnish Jain)

ADDED BENEFITS OF LEARNING ONLINE

Flexibility & Convenience

Industry-Relevant Curriculum

Cost-Effective Learning

Access to Digital Resources

B.SC COMPUTER SCIENCE

Duration

03 Years

Mode of Learning

Online + On-job-training

Learning Commitment: 8-10 hours/week

COURSE ELIGIBILITY

The eligibility for the program is 12th board exam or equivalent and the candidate must have studied any one of the following courses i.e. Mathematics or Computer Science in secondary school education.

COURSE DESCRIPTION

The Online B.Sc in Computer Science is a program that provides a strong foundation in programming, data structures, algorithms, and software development. The curriculum covers core computing principles, database management, and cybersecurity, ensuring students gain knowledge applicable across various IT domains. Designed for aspiring software developers, analysts, and IT professionals, this program prepares students for roles in technology-driven industries.

COURSE STRUCTURE

SEMESTER- I

Course Code	Courses	Credits
OBSC 101	Computer Organization	4
OBSC 102	Foundation of Applied Mathematics	4
OBSC 103	Data Communication and Networks	4
OBSC 104	Introduction to IT	4
OBSC 105	Business English	4
OBSC 106	Environmental Awareness and Disaster Management	4

SEMESTER- II

Course Code	Courses	Credits
OBSCCS 201	Programming Logic with C	4
OBSCCS 202	Discrete Mathematics	4
OBSCCS 203	Operating System	4
OBSCCS 204	System Analysis and Design	4
OBSCCS 205	Introduction to Psychology	2
OBSCCS 206	Soft Skills – I	2

SEMESTER- III

Course Code	Courses	Credits
OBSCCS 301	Data Structure Using C	4
OBSCCS 302	Web Technology	4
OBSCCS 303	Research Methodology	4
OBSCCS 304	Principles of Database Management Systems	4
OBSCCS 305	Lab- C	2
OBSCCS 306	Soft Skills - II	2

SEMESTER- IV

Course Code	Courses	Credits
OBSCCS 401	Object Oriented Analysis and Design	4
OBSCCS 402	Quantitative Techniques	4
OBSCCS 403	Introduction to Android Development	4
OBSCCS 404	Software Engineering	4
OBSCCS 405	Lab-Android Development	2
OBSCCS 406	Business Ethics	2

SEMESTER- V

Course Code	Courses	Credits
OBSCCS 501	Object Oriented Programming - C++	4
OBSCCS 502	Introduction to Artificial Intelligence and Machine Learning	4
OBSCCS 503	Startup in E-Commerce	4
OBSCCS 504	Introduction to Cloud Computing	4
OBSCCS 505	Lab- C++	2
OBSCCS 506	Search Engine Optimization	2

SEMESTER- VI

Course Code	Courses	Credits
OBSCCS 601	Cyber Security	4
OBSCCS 602	Project Management	4
OBSCCS 603	Innovation and Technology Management	4
OBSCCS 604	Fundamentals Business Analytics	4
OBSCCS 605	Project Work	4

SEMESTER- VII

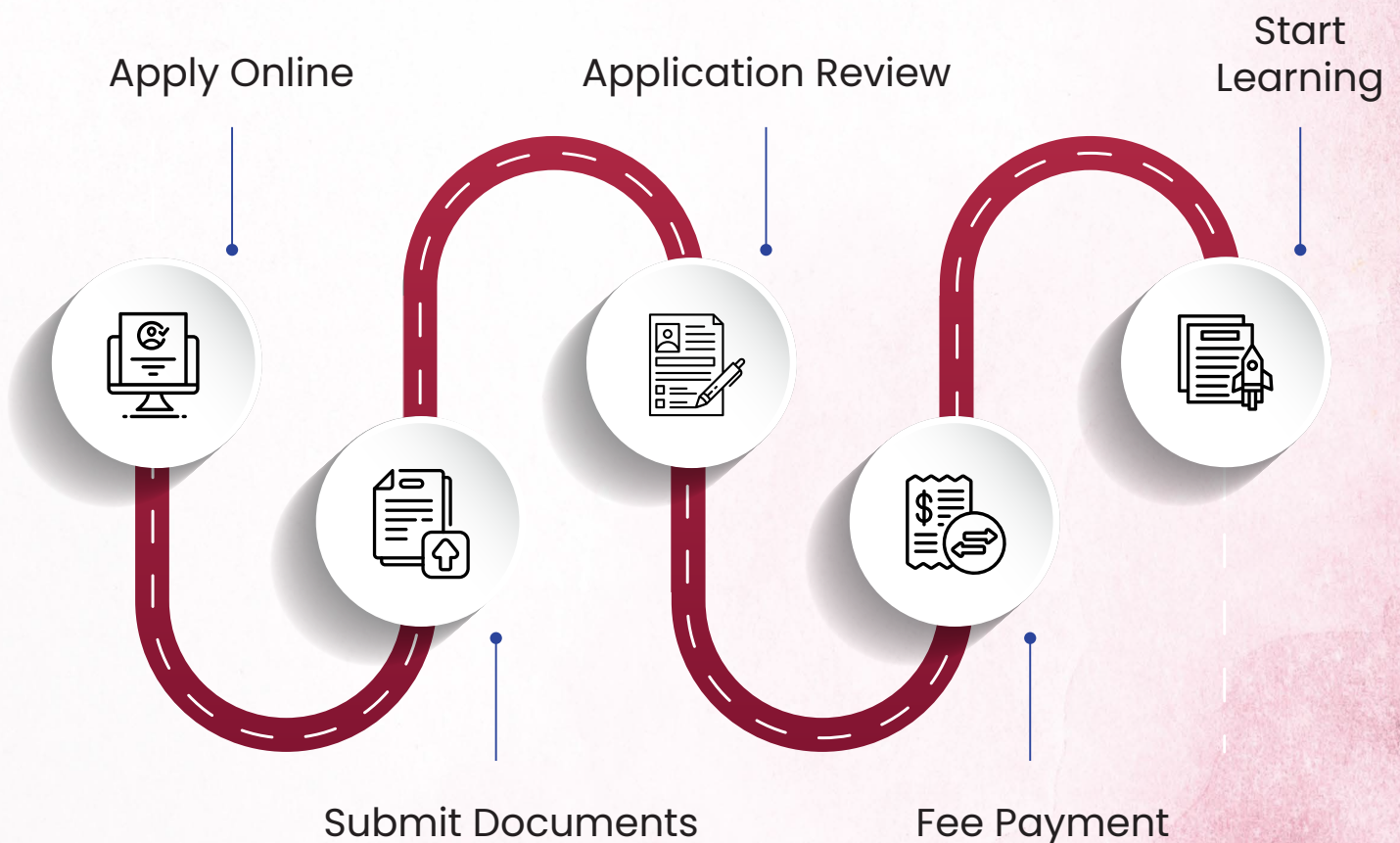| Course Code	Courses	Credits
OBSCCS 701	Advanced Database Management Systems	4
OBSCCS 702	Digital Marketing and Branding	4
OBSCCS 703	Data Warehousing and Mining	4
OBSCCS 704	E-Commerce Application and Securities	4
OBSCCS 705	Research Project - I	4

SEMESTER- VIII

Course Code	Courses	Credits
OBSCCS 801	Green Computing	4
OBSCCS 802	Full Stack Web Development	4
OBSCCS 803	Introduction to Python	4
OBSCCSRP 605	Research Project – II	8

FEE STRUCTURE

Work-Linked B.Sc - Computer Science								
	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
Course Fee	₹ 30,000/-	₹ 30,000/-	₹ 25,000/-	₹ 25,000/-	₹ 10,000/-	–	₹ 25,000/-	₹ 13,600/-
Apprenticeship Fee	₹ 10,000/-	–	₹ 10,000/-	–	₹ 10,000/-	–	₹ 10,000/-	–
Total Fee	₹ 150,000/-						₹ 48,600/-	

ADMISSION PROCESS

Apply Online

Application Review

Start Learning

Submit Documents

Fee Payment

CAREER OPPORTUNITIES AFTER B.SC COMPUTER SCIENCE

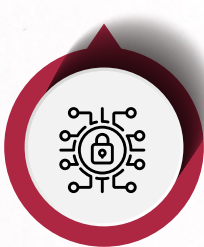Graduates of this program have diverse
career opportunities like:

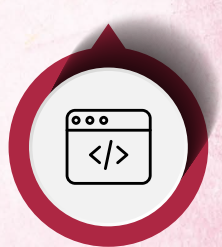Cybersecurity
Analyst

Cloud
Computing
Engineer

Web
Developer

Software
Developer

Data
Analyst

IT Support
Specialist

Learn Now

WITH

DR. D. Y. PATIL VIDYAPEETH

For more information contact:

📞 **02048556548**