



BUILD YOUR FUTURE IN COMPUTER SCIENCE

# B.SC COMPUTER SCIENCE

(ONLINE)

# 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

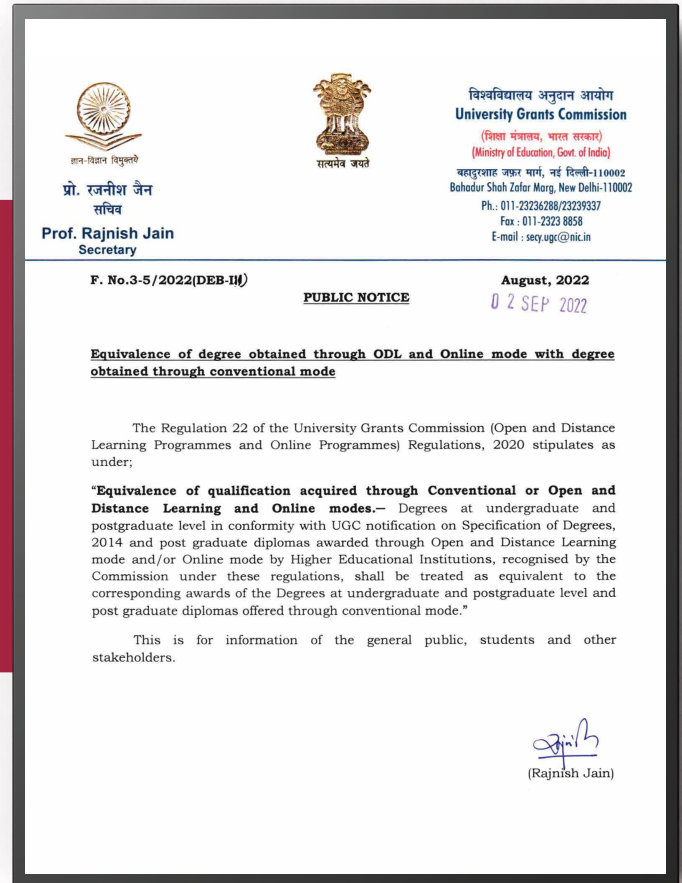
**1,50,000 +**

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.



## 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**

**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
OBSCCSR 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
OBSCCS 804	Research Project – II	8

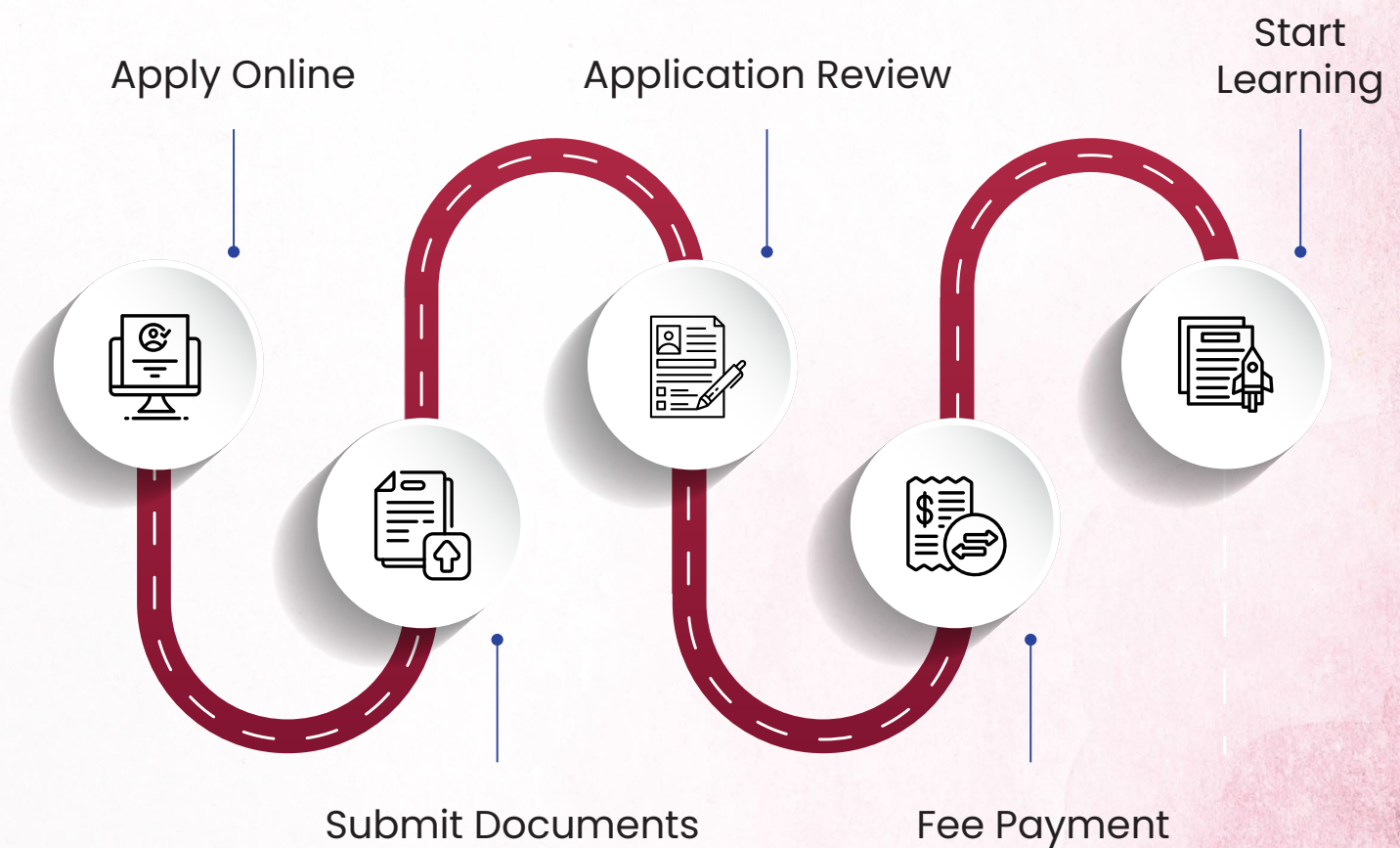


# FEE STRUCTURE

## Online B.Sc – Computer Science

	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
<b>Course Fee</b>	₹ 30,000/-	₹ 30,000/-	₹ 25,000/-	₹ 25,000/-	₹ 10,000/-	-	₹ 25,000/-	₹ 13,600/-
<b>Total Fee</b>	₹ 1,20,000/-						₹ 38,600/-	

# ADMISSION PROCESS



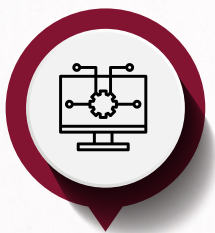
# CAREER OPPORTUNITIES AFTER **B.SC COMPUTER SCIENCE**

Graduates of this program have diverse career opportunities like:

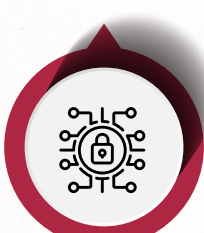
Cybersecurity  
Analyst

Cloud  
Computing  
Engineer

Web  
Developer



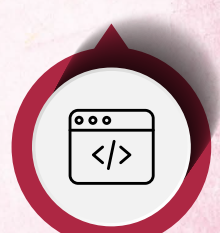
Software  
Developer



Data  
Analyst



IT Support  
Specialist







[Learn Now](#)

WITH  
**DR. D. Y. PATIL  
VIDYAPEETH**



For more information contact:



**02048556548**