D Y PATIL
DEEMED TO BE
UNIVERSITY
ONLINE
NAVI MUMBAI

UGC
Entitled

NAAC 'A++'
Grade Accredited

Online BCA

BACHELOR OF COMPUTER APPLICATIONS

Connecting Education and Brilliance →



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ABOUT US

D Y Patil (Deemed-to-be-University), School of Online, is designed to meet the needs of today's learners while equipping them with industry-relevant knowledge and skills. Our online programs blend the strengths of traditional teaching with modern, technology-driven methodologies to create a flexible and effective learning experience.

The programs are carefully curated to build strong managerial and leadership skills, bridging the gap between academic learning and industry expectations. The curriculum focuses on real-world applications, including business case studies and examples.

Students gain not only the theoretical foundation but also the practical exposure needed to explore diverse career opportunities and stand out in competitive placement scenarios.

Recognized by the UGC and accredited by NAAC and AICTE, our programs reflect a high academic standard, trusted pedagogy, and industry-recognized credentials—ensuring your degree carries weight with employers worldwide.



PROGRAM OVERVIEW

Duration (in yrs)

3

Mode of Instruction

LIVE + RECORDED LECTURES

Our Online BCA is a 3-year (6-semester) undergraduate program designed to equip you with essential skills in programming, database management, web development, and emerging technologies. Whether you're aiming to break into the IT industry or grow as a tech professional, this flexible, career-focused course offers, industry-aligned curriculum, and real-world exposure. By the end of the program, you'll be ready to take on roles in software development, data analytics, cloud computing, and beyond.

- **Flexible Learning**
- **Live Masterclass**
- **Cutting-edge Curriculum**
- **Adherence to 4 Quadrants of UGC**

WHY CHOOSE US?

Flexible Learning Options

Pursue your education from anywhere, at any time.

Engaging Virtual Classroom Experience

Immerse yourself in an interactive virtual classroom environment.

Expert Faculty

Learn from our distinguished faculty members and industry experts.

Comprehensive Support Services

Receive personalized support throughout your journey, with dedicated relationship officers.

Convenient Online Exams

Take exams conveniently from home or any location with internet access, at your convenience

INDUSTRY READY MASTERCLASS

- Gain profound industry insights and real-world perspectives from seasoned professionals during these sessions
- Engage in direct conversations with experts, fostering dynamic discussions and personalized learning experiences
- Immerse in success stories shared by industry experts



Some of Our Notable Masterclass Experts



Dr. Ganesh Natarajan

Chairman - Honeywell Automation India



Ms. Rakhi Aswal

CFO - Saxo Group India, Ex-Infosys



Ms. Ankita Poddar

Senior HRBP - Amazon Web Services, Dublin, Ireland

CAREER-ORIENTED UPSKILLING

Pick from in-demand skills that set you apart in today's job market.

Access to Analytical Tools

Get trained in analytical and data visualization tools to master data analysis, design & storytelling so you are equipped with valuable skills to stand out in the tech industry.

Data Analysis and Visualisation:



MS Excel



Tableau



Power BI

Soft Skills Development

Access 34+ hours of expertly curated video content developed by industry professionals, covering essential soft skills such as Interview Skills, Communication Skills, and Problem-Solving. Available to the learner right from the first semester.

GET CERTIFIED IN HIGH-IMPACT CAREER SKILLS

To help you stay ahead in today's competitive job market, we offer a curated set of self-paced certifications in key areas such as:

- Leadership
- Entrepreneurship
- AI in the real world
- Advanced Prompt Engineering with ChatGPT
- Exploratory Data Analysis using Excel
- Business Communication Masterclass
- Getting Stay Interviews Right
- Career Planning Fundamentals

PROGRAM STRUCTURE

SEMESTER 1	CREDITS
▪ C Programming	3
▪ Fundamentals of Computer System	3
▪ Media and Entertainment-I	3
▪ Principles of Marketing	3
▪ Office Automation-I	3
▪ English I	2
▪ Constitution of India	2
▪ Indian Contribution to Computational Science	2
Total	21

SEMESTER 2	CREDITS
▪ Data Structures	3
▪ Computer Organization and Architecture	3
▪ Mathematics for Computer Applications	3
▪ Media and Entertainment-II	3
▪ Entrepreneurship Development	3
▪ Data Analysis using MS-Excel	3
▪ English II	2
▪ Environmental Studies	2
Total	22

PROGRAM STRUCTURE

SEMESTER 3	CREDITS
▪ Database System Management	3
▪ Object Oriented Programming – Java	3
▪ Elements of Statistics	3
▪ Discrete Mathematics	3
▪ Enterprise Resource Planning	3
▪ Computer Hardware and Assembly	2
▪ Business Communication	3
Total	20

SEMESTER 4	CREDITS
▪ Computer Networks	3
▪ Operating System	3
▪ Microprocessors and Microcontrollers	3
▪ Theory of Automata	3
▪ Project Management	3
▪ Python Programming	3
▪ Impression Management	2
Total	20

PROGRAM STRUCTURE

SEMESTER 5	CREDITS
▪ Software Engineering	4
▪ Design and Analysis of Algorithm	4
▪ Ecommerce	3
▪ Multimedia Applications	3
▪ Cloud Computing	3
▪ Digital Marketing	3
Total	20

SEMESTER 6	CREDITS
▪ Artificial Intelligence	4
▪ Machine Learning	4
▪ Internet of Things	3
▪ Image Processing	2
▪ Big Data Analytics	3
▪ Project Work	4
Total	20

TOTAL CREDITS	123

ADMISSION PROCESS



STEP 1

Register

Fill the application form and pay registration fees.



STEP 2

Documentation & Payment

Submit mandatory documents & pay course fees via Debit/ Credit Card/ UPI/ Net Banking.

No Cost EMI Available



STEP 3

Welcome Onboard

Get confirmation of admission & access course material via LMS.

ELIGIBILITY CRITERIA

- 12th Std (Any Stream) or 3 Year Polytechnic Diploma.
- 40% + in 10th from recognized board/ SSC is mandatory
- Either 40% + in 12th from recognized Board or Overall 50%+ in 3 years of Polytechnic Diploma from recognized Board

Note: Documents must be attested (true copies with self-declaration)

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D Y PATIL DEEMED TO BE UNIVERSITY ONLINE NAVI MUMBAI

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Enroll in Online BCA Today →

