SAI TIRUPATI UNIVERSITY UDAIPUR

PIMS Institute of Computer Sciences

DECODING YOUR DIGITAL DESTINY

B C A
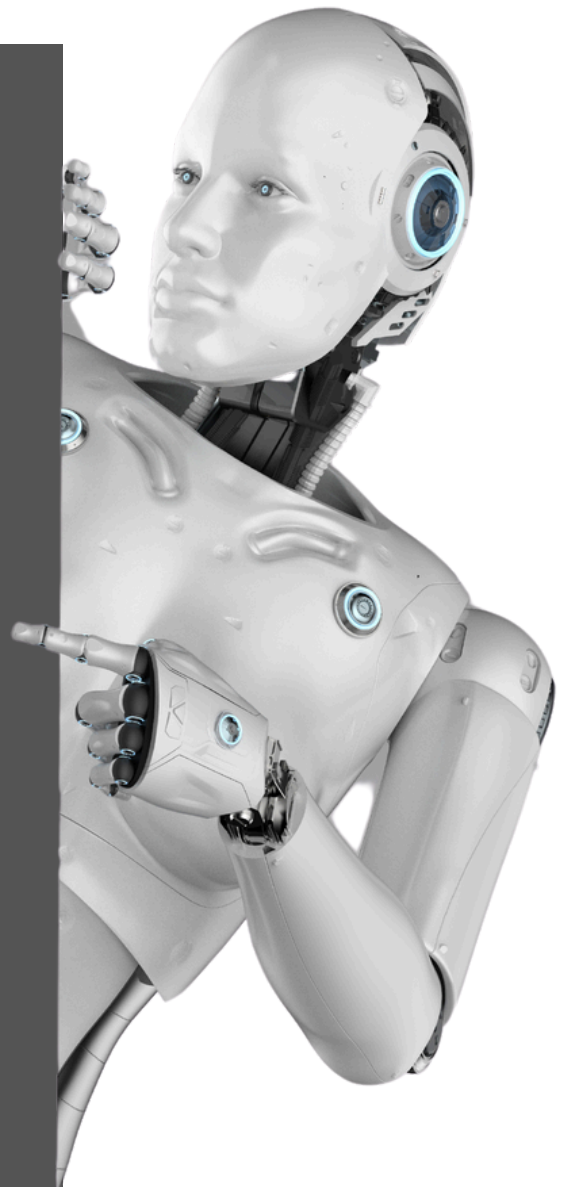
ARTIFICIAL INTELLIGENCE

PIMS INSTITUTE OF COMPUTER SCIENCES

The entire intellectual community of the world has woken up to the reality that India is a treasure-house of talent and intelligence. The youth of today are taking India to unparalleled heights of prosperity. Pims Institute of Computer Sciences is a gateway to a rewarding career in the extremely competitive global environment as we endeavor to equip our students with the right knowledge and skills that lead to higher employability. We offer BCA course with several options for specialization, multidimensional skill development avenues and a practical orientation based on strong theoretical foundations which is need of the day. We provide fully equipped computer lab, skill development lab, sound library, a strong training placement & guidance cell with Mentorship programs, IT skill trainings with industrial experts for the harmonious development of our students.

Mr. Ashish Agarwal
Chairman

Ms. Sheetal Agarwal
Chairperson

Dr. Rimjhim Gupta, Director

Pims Institute of Computer Sciences prioritizes care for students, holistic growth. Our curriculum integrates Artificial Intelligence (AI), technical proficiency with social responsibility. With experienced faculty and modern pedagogy, we nurture professional excellence. Our aim is to provide aspirants with a dynamic and enriching learning environment that fosters innovation, critical thinking, and a spirit of inquiry. The only raw material essential to this great turnaround is EDUCATION because knowledge is power. Thus, we assure the students joining Our College, that they will be given the best education to enable them to learn and lead the future as responsible citizens of the country.

Prof. Piyush Javaria, AI Expert and Senior Faculty

BCA program at PIMS Institute of Computer Sciences is meticulously crafted to equip students with a robust foundation and is a perfect blend of theoretical knowledge and practical application. Our curriculum ensures that graduates are well-prepared to meet the demands of the ever-evolving tech industry. Choosing to pursue a BCA at PIMS Institute of Computer Sciences is not just about earning a degree; it is about embarking on a journey of discovery, growth, and transformation. We are committed to supporting our students every step of the way, ensuring that they emerge as confident, competent, and socially responsible professionals ready to make a significant impact in the tech world.

Mr. Devershi Mehta, Head of Department

PIMS Institute of Computer Sciences welcomes to their BCA program which offers specialization in Artificial Intelligence and Machine Learning. As an Head of the Department of Computer Sciences, I feel thrilled to embark on this journey with you. The curriculum is so designed that will equip you with cutting-edge skills in the IT field and will prepare you to thrive in the rapidly evolving tech landscape. Our dedicated faculty, state-of-the-art laboratories, and industry collaborations ensure a comprehensive learning experience, internships and research opportunities that foster innovation and practical application of theoretical knowledge.

About the Program

The BCA program offers a comprehensive curriculum that covers fundamental and advanced topics in computer applications. It includes specialized courses in Artificial Intelligence (AI) and Machine Learning (ML) to keep students abreast of the latest technological advancements. The program emphasizes hands-on experience through practical labs and real-world projects. Industry-standard exposure is provided through internships, workshops, and guest lectures by industry experts. Graduates are well-prepared for careers in IT, software development, and emerging tech fields.

BACHELOR OF COMPUTER APPLICATION - COURSE CONTENT

BCA FIRST SEMESTER

- Introduction to IT
- Business Communication
- Computer Organization
- Programming in C
- Programming in C Practical
- Office Management Lab
- Seminar

BCA SECOND SEMESTER

- Basic Mathematics
- Database Management System
- Principles of Management
- Programming in C++
- SQL Practical Lab
- Programming in C++ Practical
- Web Designing Practical

BCA THIRD SEMESTER

- Computer Networking
- Advanced Digital Marketing
- Data Structure in C++
- Environmental Studies
- Data Structure Practical
- Digital Marketing Practical
- Seminar

BCA FOURTH SEMESTER

- Introduction to Python
- Java Programming
- Operating System
- Artificial Intelligence
- Java Programming Practical
- Introduction to Python Practical
- Tally ERP9

BCA FIFTH SEMESTER

- Software Engineering
- Data Analytics & Data Science
- Network Security and Management
- Front End Development using React JS
- Multimedia Lab
- Minor project
- Seminar

BCA SIXTH SEMESTER

- Industrial Project

Relevance of the Course

- Foundation of Programming Knowledge
- Understanding Core Concepts
- System-Level Programming
- Problem-Solving Skills
- Industry Relevance
- Preparation for Advanced Courses
- Career Opportunities in IT Industry

Eligibility Crieteria

- Students with a Senior Secondary in any stream can apply.
- Students awaiting their Senior Secondary results can also apply.

SAI TIRUPATI UNIVERSITY

Sai Tirupati University is located in the city known as - "Venice of East", Udaipur. It is established by Rajasthan state legislative assembly and as per sec 2 (f) of UGC Act 1956 and promoted by Global Health Research and Management Institute, Udaipur. Established in the back drop of scenic & beautiful Aravali Hills with constituent units including Pacific Institute of Medical Sciences, Venkteshawar College of Nursing, Venkateshwar Institute of Pharmacy, Venkateshwar Institute of Fashion Technology & Mass Communication, Venkateshwar Institute of Management Studies and Pims Institute of Computer Sciences.

CAMPUS

Sai Tirupati University, Ambua Road, Village Umarda, Girwa, Udaipur (Raj.) 313015

CITY OFFICE

Venkteshwar Institute of Fashion Technology & Mass Communication, 5A, 4th floor, near UIT building, UIT circle, Saheli marg, Udaipur (Raj.) 313001

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OTHER PROGRAMS

| MEDICAL | NURSING | RESEARCH |
| PHARMACY | FASHION | INTERIOR |

BBA - INTERNATIONAL BUISNESS

MBA HOSPITAL ADMINISTRATION & HEALTH CARE MANAGEMENT

JOURNALISM & MASS COMMUNICATION

CONNECT ON