

PNS INSTITUTE OF TECHNOLOGY & MANAGEMENT

BHIKHANPURA, MUZAFFARPUR

Approved by AICTE, New Delhi,

Affiliated to M.M.H.A.P. University, Patna

BACHELOR IN COMPUTER APPLICATIONS [BCA]

(3-YEAR DEGREE COURSE)

1. **OBJECTIVE:** To develop understanding of modern business practice to enable them to make informed decision in problem solving in business and industry. Further to develop communication skill and analytical skill in business. The training will equip them with the tools of objectivity to discharge managerial functions effectively.
2. **ELIGIBILITY:** +2 passed with minimum 45% marks from recognized Board/Madarsa Education.
3. **DURATION:** Three year academic Years and the University will hold examination at the end of the Semester mode of the course, to be known respectively as BCA Part I, Part II and Part III
4. **COURSE STRUCTURE:** A candidate for the BCA examination shall be required to offer the following subject and will be examined in 24 papers according to the following curriculum.

1st Year

Paper-I	Introduction to Information Technology
Paper-II	Computer Mathematical Foundation
Paper-III	Communication & Soft Skills
Paper-IV	Practical (Practical Paper of the 1 st Semester)
Paper-V	Programme in C
Paper-VI	Operating System
Paper-VII	Computer system Architecture
Paper-VIII	Practical (Practical Paper of the 2 nd Semester)

2nd Year

Paper-IX	Programme in C++
Paper-X	System analysis and design
Paper-XI	Data structure
Paper-XII	Practical (Practical Paper of the 3 rd Semester)
Paper-XIII	Data Communication & computer networks

Paper-XIV Relation data base management system

Paper-XV Visual basic.Net

Paper-XVI Practical (Practical Paper of the 4thSemester)

3rdYear

Paper-XVII Software Engineering

Paper-XVIII Computer Graphics

Paper-XIX Java Programme

Paper-XX Practical (Practical Paper of the 5th Semester)

Paper-XXI Artificial Intelligence (Elective-I) or Robotics engineering (Elective-I)

Paper-XXII Computer (Elective-I/or Advance micro Processors system(Elective-II)

Paper-XXIII Practical (Practical Paper of the 6th Semester)

Paper-XXIV Project report

I. A= Internal Assignment

U.E=University Examination

FEESTRUCTURE:

Semester	Course Fee	University Development Fee(onetime)	Reg& Misc. Charge	Exam Fee	Tarang &Eklavya/NS S
I	16000/-	2000/-	200/-	1550/-	30/-
II	16000/-	---	---	1550/-	--
III	16000/-	---	---	1550/-	---
IV	16000/-	---	---	1550/-	---
V	16000/-	---	---	1550/-	---
VI	16000/-			1550/-	---

Total Fee- 107,530/-

RELEVANTINFORMATION

(a) RESERVATION: The University reserves the right to exercise its power in matter of admission in the best interest of the university. Reservation of seats as per Bihar State Government Rules.

(b) SEAT LIMIT: Maximum no. of seat 60, with 05 additional seats forward of NRI/ Foreign National.