TECHNICAL LEARNING OUTCOMES

SEMESTER-I

- Learn to solve problems for computer and implement in 'C' language
- Learn about structure and functions of computer
- Learn to communicate in oral and written form

SEMESTER-II

- Learn to design database systems
- Learn to develop efficient programs by using suitable data structure
- Learn to prepare documents for business communication

SEMESTER-III

- Learn to develop web applications
- Learn about functions of operating systems
- Learn to develop console application using object oriented approach

SEMESTER-IV

- Learn about object-oriented programming using Java
- Learn the approaches for design and analysis of algorithm
- Learn to develop programs in Python.

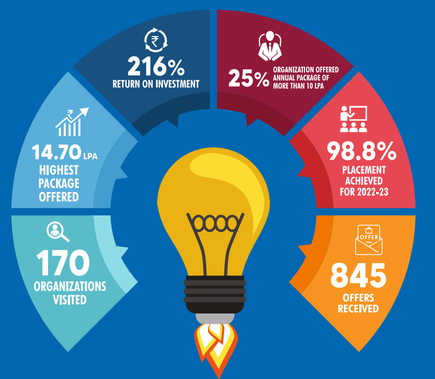
SEMESTER-V

- Learn to develop MVC based web application using Java technologies
- Learn about working of computer networks
- Learn to develop AI based system

SEMESTER-VI

- Learn to develop web applications using ASP. Net
- Learn to develop android based mobile applications
- Learn about significance of software testing for building quality software

PLACEMENTS SNAPSHOT



& many more...

PRESTIGE
INSTITUTE OF MANAGEMENT & RESEARCH, GWALIOR
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Airport Road, Opp. DD Nagar, Gwalior-474020, Mob. : 98270-57466/77, 78801-22147, 0751-4097049
Fax : 0751-2470516, Email : info@prestigegwl.org, Web : www.prestigegwl.org

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BCA

COMPUTER APPLICATIONS

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About Department

Prestige Institute of Management & Research, Gwalior is a symbol of excellence since last 26 years. It is a top ranked NAAC 'A' accredited, UGC conferred, Autonomous Institute located in Central India. The Department of Computer Applications and Sciences established under the aegis of PIMR Gwalior in the year 1997 pioneers the best in the field of computer applications. The Department of Computer Applications prepares students to design, develop and implement software applications and emphasizes on the latest programming languages, cutting edge technologies & tools to make the students ready for the IT Industry. The institute has been consistently ranked amongst the top institutions in the country by various magazines and ranking agencies.

BCA PROGRAMME

The BCA programme of PIMR, Gwalior is an excellent choice for career growth. The course has been structured as per the Choice Based Credit System (CBCS) designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of **National Education Policy (NEP) 2020.**

The Programme aims in-depth understanding of the principles of computer applications to solve problems related to the interface of technology and business amongst the students. The course prepares students to design, develop and implement software applications and emphasizes on the latest programming languages, cutting edge technologies & tools to make the students ready for the IT Industry.

On completion, the Programme shall open career and placement opportunities, in both public and private sector such as a Programmer, Web Developer, Software Engineer, Software Consultant, Network Engineer, Database Administrator, Data Scientist, or AI/ML personnel.

According to NASSCOM IT industry continues to be a net hirer and reports that 2.5-3 million new jobs will be created by 2025.

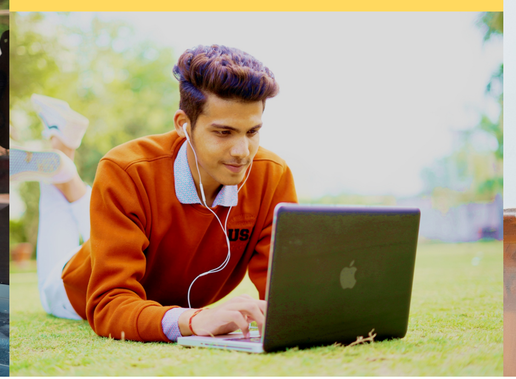
RANKING & APPROVALS

- Ranked Amongst **Top 125** Management Institutions in India By **NIRF**, Ministry of Education Govt. of India
- Only Private **UGC Approved Autonomous** Institute in Gwalior Region
- **NAAC** Accredited **'A' Grade** Institute
- Approved By **All India Council** for Technical Education
- Permanently Affiliated to **Jiwaji Univesity**, Gwaliolr **NAAC A++**
- Law Program Approved By **Bar Council of India**

BCA @ PRESTIGE

- Software Development
- Problem Solving Aptitude
- Presentation Skills
- Critical Thinking
- Personality Development
- Mentorship for Personalized Learning
- Latest Programming Languages
- Skill Enhancing Curriculum

Life @ Prestige

KEY HIGHLIGHTS

- ✓ 26+ years of Excellence
- ✓ Emphasis on project-based learning by focusing more hands-on and lab projects
- ✓ Excellent and conducive atmosphere to teaching-learning process
- ✓ Workshops on different functional areas of Computer Sciences & Applications
- ✓ More than 240 hours of Internship
- ✓ Access to extensive library and e-resources
- ✓ A pool of better alumni relations
- ✓ Language Lab for refining English Communication skills
- ✓ Regular aptitude classes and mock interviews for better campus placements.
- ✓ Opportunity to be part of various clubs and National International events
- ✓ Engagement in continuous professional development
- ✓ Institute is an approved Business Incubation Centre by MSME, New Delhi and has an Entrepreneurship Development Cell under Atal Incubation Center Scheme which helped many students of the department to start their own venture.
- ✓ The Institute organizes "Prestige Sports Week" and Annual Fest "SPANDAN" every year to encourage students to develop life skills.