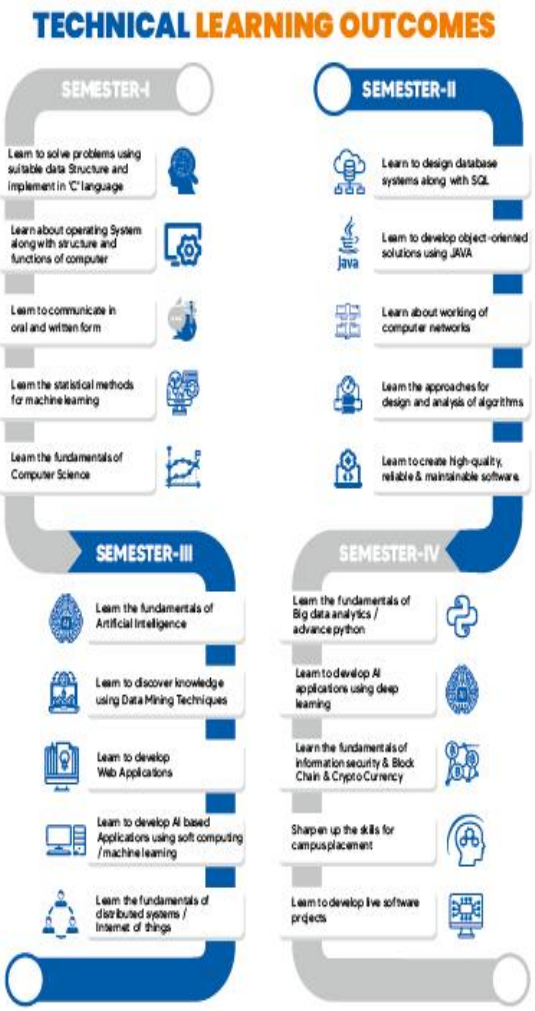
TECHNICAL LEARNING OUTCOMES
SEMESTER-I
Learn to solve problems using suitable data Structure and implement in 'C' language
Learn about operating System along with structure and functions of computer
Learn to communicate in oral and written form
Learn the statistical methods for machine learning
Learn the fundamentals of Computer Science
SEMESTER-II
Learn to design database systems along with SQL
Learn to develop object-oriented solutions using JAVA
Learn about working of computer networks
Learn the approaches for design and analysis of algorithms
Learn to create high-quality, reliable & maintainable software.
SEMESTER-III
Learn the fundamentals of Artificial Intelligence
Learn to discover knowledge using Data Mining Techniques
Learn to develop Web Applications
Learn to develop AI based Applications using soft computing / machine learning
Learn the fundamentals of distributed systems / Internet of things
SEMESTER-IV
Learn the fundamentals of Big data analytics / advance python
Learn to develop AI applications using deep learning
Learn the fundamentals of information security & Block Chain & Crypto Currency
Sharpen up the skills for campus placement
Learn to develop live software projects

PLACEMENTS SNAPSHOT
216%
25%
14.70
98.8%
170
845
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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.

MCA PROGRAMME

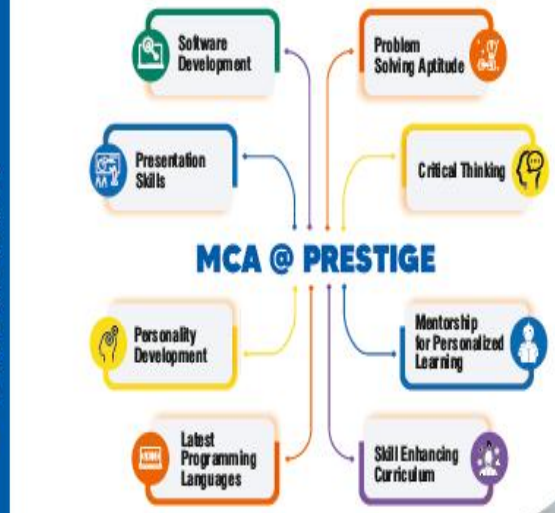
MCA (Master of Computer Application) is an AICTE approved two year post graduate program in the field of Computer Science that provides lucrative and attractive career option. The main aim of the programme is to prepare students for starting a flourishing career in IT industry as a software engineer for developing traditional and AI based systems. In addition, the programme also prepares students for other career options like database administrator, software tester, network administrator, front-end developer etc. The program also lays the foundation for growth in the later part of the career. The Programme equips the students with problem solving and system designing skills for developing enterprise level solutions of real-world problems through latest programming languages and frameworks.

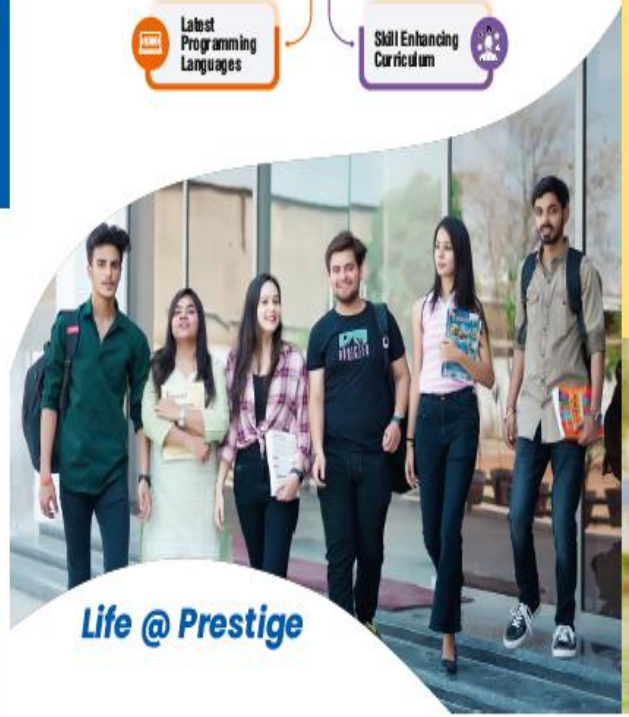
MCA @ PIMR, Gwalior

The MCA programme in PIMR has been structured as per the Choice Based Credit System (CBCS) with Learning Outcomes based Curriculum Framework (LOCF) of New Education Policy (NEP) 2020. The Curriculum of MCA includes subjects that cover theoretical as well as practical aspects of current tools and technologies in IT for fulfilling the thriving requirement of IT professionals. The curriculum of MCA programme will be delivered through various teaching learning methods like traditional learning, participative learning, cooperative learning, inquiry-based learning, and experiential learning. In addition, technical skills, the programme also provides non-technical skills (Soft skills, verbal, non-verbal).

RANKING & APPROVALS

- nirf — Ranked Amongst Top 100 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 Jiaraji University, Gwalior NAAC A++
- Law Program Approved By Bar Council of India





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.