A Heritage of Vision A Legacy of Innovation
MCA

Holistic Personality Development for Enhanced Corporate Connect

Semester-I (First Year)

Bridge Course
Computer Fundamentals and Programming in C
C Programming Lab
Mathematical Fundamentals

Theory
Object Oriented Programming through C++ / Java
Database Management Systems
Web Application Development
Principles of Software Development
Mathematical Foundations in Computer Science

Practical
OOPS Lab
DBMS Lab
Mini Project in Web Design
Communication & Soft Skills Lab

Semester I
- 21 Days Parichaya: The Orientation Programme
- Student Profiling for Training Need Assessment
- Case Study Analysis
- Live Projects Opportunities
- Industrial Visit
- Industry Institute Interfaces
- Industry Relevant Value Added Course
- E-Igniters: The E-cell Activities
- #include: The Programming Club Activity
- Webscape: The Web Designing Club Activity
- Samutthan: The NSS Club Activity
- Movie Review
- Sports Activity
- Soft Skills Workshop
- Talent Hunt
- Abhinandan: The Freshers' Day
- IT Presentation: Recent Trends in Technology
- NDLI Club Activities
- STAR INITIATIVE (Soft Skills, Technical Skills, Awareness of Self, Industry Readiness)
- Webinar
- Dharohar - Alumni Connect
- Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activities
- SMDP: Student Mentorship and Development Program

Semester II (First Year)

Theory
Advanced Java Programming
Operating Systems
Data Structures and Algorithm Design
Cloud Computing
Cryptography & Network Security

Practical
Mini Project using Java
Linux Programming Lab
Data Structures and Algorithm Design Lab
Cloud Computing Lab

Semester II
- Mosaic-Montage: Annual IT & Management Fest
- Roopantar: Inter-Institute National Business-Plan Competition
- IT Quiz
- Live Projects Opportunities
- Industrial Visit
- Industry Institute Interfaces
- Industry- Relevant Value Added Course
- E-Igniters: The E-cell Activities
- #include: The Programming Club Activity
- Webscape: The Web Designing Club Activity
- Samutthan: The NSS Club Activity
- NDLI Club Activities
- Sports Activity
- Workshop on Recent Trends in Information Technology
- STAR Initiative (Soft Skills, Technical Skills, Awareness of Self, Industry Readiness)
- Webinar
- Alumni Connect
- ICMIT: International Conference on Management and Information Technology:
- Research Paper Presentation Opportunity
- SMDP: Student Mentorship and Development Program
- International Conference on 'Bhagwad Gita'
- International HR Conclave & Conference (IHCC)
- IIIM Hackathon

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ICG
IIS (deemed to be University)
JAIPUR

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*A student can opt for **one** of the **four** given specializations in semester **III (Elective-I and Elective-II).** Accordingly, corresponding electives will be chosen from the given category for **Elective-III and Elective-IV** in Semester **IV.**
Specializations: A : Data Science, B : Mobile Technologies, C :Artificial Intelligence, D : e-business Technologies

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Semester III (Second Year)
Theory
Data Warehousing & Data Mining
Big Data Technologies
Programming through Python
*Elective I
A. Introduction to Data Science
B. Wireless and Mobile Communication
C. Artificial Intelligence
D. e-Commerce
*Elective-II
A. Business Intelligence & Statistics
B. Mobile Operating Systems
C. Soft Computing Techniques
D. Web Mining & Analytics
Practical
Data Mining Lab
Python Programming Lab
Summer Internship (30 Working Days)
Term Paper Presentation
Semester III
- Summer Internship Opportunities
- Industry- Relevant Value Added Course
- Pre-Placement Training
- Workshop on Spirituality/ Awakening Your Inner Self
- Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activity
- IT Poster Presentation
- Live Projects
- Industrial Visit
- Industry Institute Interfaces
- E-Igniters: The E-cell Activities
- #include: The Programming Club Activity
- Webscape: The Web Designing Club Activity
- Samutthan: The NSS Club Activity
- Sports Activity
- STAR Initiative (Soft Skills, Technical Skills, Awareness of Self, Industry Readiness)
- Dharohar - Alumni Connect
- NDLI Club Activities
- Campus Drive for Final Placements
- SMDP: Student Mentorship and Development Program

Semester IV (Second Year)
Theory
*Elective-III
A. Data Analytics and Data Visualization
B. Mobile Application Development
C. Machine Learning
D. Digital Marketing
*Elective-IV
A. R Programming Lab
B. Mobile Application Development Lab
C. Machine Learning Lab
D. Digital Marketing Lab
*Elective V
A Robotic Process Automation
B Internet of Things
C Block Chain Technologies
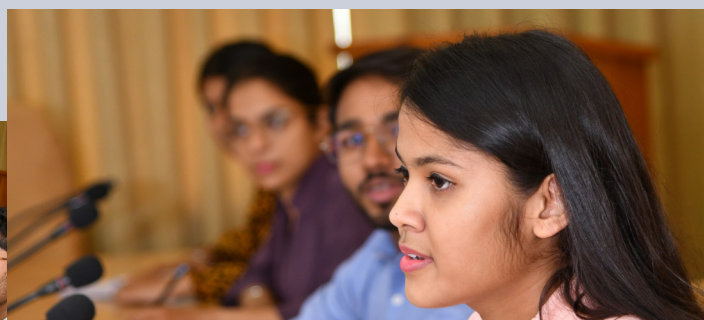D Natural Language Processing
Practical
Major Project/Internship (45 Working Days)
Semester IV
- Post Budget Analysis: Panel Discussion
- Mosaic-Montage: Annual IT & Management Fest
- Roopantar: Inter-Institute National Business-Plan Competition
- International Conference on 'Bhagwad Gita'
- International HR Conclave & Conference (IHCC)
- ISIM Hackathon
- ICMIT: International Conference on Management and Information Technology:
- Research Paper Presentation Opportunity
- International Conference on Sustainability in Collaboration with India Development Coalition of America
- Industry Institute Interfaces
- E-Igniters: The E-cell Activities
- NDLI Club Activities
- UDAAN: The Farewell Party
- Dharohar - Alumni Connect
- Campus Drive for Final Placements

MCA Program

ICG Block at
IIIM
Campus