



IIIM JAIPUR



MCA

- Legacy of 30 years in IT Education.
- Ranked in category 'A' for seven academic sessions consecutively from 2017 to 2024 for MCA Program by Rajasthan Technical University, Kota.
- Rated **AA+** under 'India's Best B-School 2025' by Careers 360.
- Recipient of 'Rajasthan Education Leadership Award-2022'

SEMESTER I

BRIDGE COURSE

- Fundamentals of Computer Science
- C Programming Lab

- Database Systems
- Web Technologies

THEORY

- Mathematical Foundations in Computer Science
- Object Oriented Programming with C++
- Operating System
- Computer Architecture

PRACTICALS

- Object Oriented Programming Lab
- SQL-PL/SQL Lab
- Web Technologies Lab
- SODECA: Social Outreach, Discipline & Extra - Curriculum activities

HOLISTIC PERSONALITY DEVELOPMENT ACTIVITIES (PROPOSED)

21 Days Parichaya: The Orientation Programme

Abhinandan: The Fresher's Day

Projects Opportunities

Industry Institute Interfaces & Industrial Visit

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

Alumni Connect

NDLI Club Activities

Talent Hunt

E-Baithak- A Panel Discussion with Alumni Entrepreneurs

Unnat Bharat Abhiyaan Activities

Entrepreneurial Talks

International Youth Day Celebration

Case Study Analysis

STAR Initiative (Soft skills, Technical skills, Awareness of Self, Corporate Readiness)

Seminar / Webinar

Aptitude Test & Student Profiling

Soft Skills Workshop

Performance and Mathematical Ability Test

Test your Personality

Hackathon

IT Quiz

Tech JAM Activity

IT Presentations: Recent Trends in Technology

Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activity

SMDP-Student Mentorship Development Programme

Zumba/ Yoga Classes

SEMESTER II

THEORY

- Java Technologies
- Computer Networks
- Data Structures
- Software Engineering & UML
- Python Programming
- Business Informatics

PRACTICALS

- Data Structures Lab
- Java Technologies Lab
- Python Programming Lab
- SODECA: Social Outreach, Discipline & Extra Curriculum Activities

HOLISTIC PERSONALITY DEVELOPMENT ACTIVITIES (PROPOSED)

Montage: Two Days Inter-Institute Annual IT Fest

Roopantar: Inter-Institute National Business-Plan Competition

B-Quizzing: National Business Quiz Competition for Corporate and B-Schools

Summer Internship Opportunities

Project Opportunities & Project Presentation

Chaitanya Activities

Industry Institute Interfaces & Industrial Visit

E-Igniters: The E-cell Activities

#include: The Programming Club Activity

Webscape: The Web Designing Club Activity

Samutthan: The NSS Club Activity

Book Review

Sports Activity

Workshop on Recent Trends in IT

Unnat Bharat Abhiyaan Activities

Corporate Charcha: A Panel Discussion with Alumni from Business World

Workshop on " Start-up opportunity"

Alumni Mentoring Sessions
 Case Study Analysis
STAR Initiative (Soft skills, Technical skills, Awareness of Self, Corporate Readiness)
 Current Affairs Quiz
 Mock Group Discussion & Aptitude Test
 Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activity
 Rs 100 Competition
 Hackathon
 Tech JAM Activity
 Research Paper Presentation in National / International Conference
 Zumba/ Yoga Classes
 SMDP-Student Mentorship Development Programme

SEMESTER III

THEORY

- Cloud Computing
- Analysis and Design of Algorithm
- Artificial Intelligence
- Information Security
- Mobile Application Development

Elective 1

- (i) Data Mining and Warehousing
- (ii) Big Data Technologies
- (iii) Soft Computing

PRACTICALS

- Summer Training Project Report
- ADA Lab
- Mobile Application Development Lab
- SODECA: Social Outreach, Discipline & Extra Curriculum Activities

HOLISTIC PERSONALITY DEVELOPMENT ACTIVITIES (PROPOSED)

Project Opportunities
 Industry Institute Interfaces & Industrial Visit
 E-Igniters: The E-cell Activities
 #include: The Programming Club Activity
 Webscape: The Web Designing Club Activity
 Samutthan: The NSS Club Activity
 Alumni Connect
 Unnat Bharat Abhiyaan Activities
 Entrepreneurial Talk
 Sports Activity
 Startup Mentoring Sessions
 Case Study Analysis
STAR Initiative (Soft skills, Technical skills, Awareness of Self, Corporate Readiness)
 Summer Training Project Report Presentations
 IT Poster Presentation
 Bazaar on Campus
 Pitch Deck competition
 Tech JAM Activity
 Week long Pre-Placement Training (Mock Interviews, Aptitude Tests)
 Workshop on Spirituality/ Art of Living
 Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activity
 Zumba/ Yoga Classes

SEMESTER IV

THEORY

- Software Project Management
- Elective 2**
- a) Principles of Management and Information System
 - b) Machine Learning
 - c) Data Science with R

PRACTICALS

- Industrial Project Presentation
- SODECA: Social Outreach, Discipline & Extra

HOLISTIC PERSONALITY DEVELOPMENT ACTIVITIES (PROPOSED)

Post Budget Analysis: Panel Discussion
 ICMIT: International Conference on Management and I.T.
 International Conference in Collaboration with IDCA: India Development Coalition of America
 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
 International Yoga Day Celebration
 Unnat Bharat Abhiyaan Activities
 Project Opportunities
 Entrepreneurial talks
 Paricharcha - A Panel Discussion by Entrepreneurs
 Dharohar: Alumni Connect
 UDAAN: The Farewell Party
STAR Initiative (Soft skills, Technical skills, Awareness of Self, Corporate Readiness)
 Session on Awareness of Self
 Re-Charge: Recreate, Refresh, Rejuvenate, Co-curricular activity
 Zumba/ Yoga Classes



FOR MORE DETAILS VISIT US AT

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🌐 www.icfia.org



INTERNATIONAL SCHOOL OF INFORMATICS & MANAGEMENT

(Formerly Indian International Institute of Management)
 Approved by AICTE, New Delhi Affiliated to RTU, Kota
 Ranked 1st in category 'A' By Rajasthan Technical University, Kota
 Sector - 12, Mahaveer Marg, Mansarovar, Jaipur - 302020

Visiting Time : 9:00 AM - 4:00 PM @IIIM



ICG

IIS (deemed to be University)
JAIPUR

A Heritage of Vision A Legacy of Innovation
Gurukul Marg, SFS, Mansarovar, Jaipur - 302 020 INDIA

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



<https://www.iisuniv.ac.in/>



Holistic Personality Development for Enhanced Corporate Connect

* 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

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

