

## 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)
- ISIM Hackathon





(deemed to be **IIS UNIVERSITY**)  
JAIPUR

A Heritage of Vision A Legacy of Innovation

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## 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



**MCA Program**

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

