



Institute of Distance and Open Learning
GAUHATI UNIVERSITY
Guwahati - 14

M.Sc. in INFORMATION TECHNOLOGY
(M.Sc.-IT)

ELIGIBILITY: B.Sc./B.C.A. or Graduation in Engineering, Technology or equivalent.

DURATION: 2 Years (4 Semesters).

| Mode of Payment | Programme Fee | Total Fee |
|--|---|------------|
| Lump sum Payment (at the time of admission along with filled up application form) | Rs. 11,500 per semester, payable at the beginning of the semester | Rs. 46,000 |

- Fees are inclusive of Admission Fee, Counselling Fee (Theory and Practical), Course Material Fee, Library Fee and the Postal Charge.
- Examination Fees for each semester is Rs. 1000/- which is to be paid one Month prior to examination.

IMPORTANT DATES

Last date of Admission:

Last date of Admission without late fee: 31st August.

Last date of Admission with late fee: 30th September.

Examinations: December & July.

Course Structure:

SEMESTER I:

| COURSE NO. | PAPER NAME | MARKS | CREDIT |
|--------------|--|-------|--------|
| IT-01 | Fundamentals of Computers | 100 | 3 |
| IT-02 | Introduction to Programming | 100 | 4 |
| IT-03 | Digital Logic | 100 | 3 |
| IT-05 | Communication Skills & Technical Writing | 50 | 2 |
| IT-11 | Mathematical Foundations of Computer Science | 100 | 3 |

SEMESTER II:

| COURSE NO. | PAPER NAME | MARKS | CREDIT |
|-------------------|---|--------------|---------------|
| IT-07 | Database Management System | 100 | 4 |
| IT-12 | Data Structure and Algorithm | 100 | 4 |
| IT-13 | Computer Organization & Architecture | 100 | 4 |
| IT-27 | Web Technologies | 100 | 4 |
| IT-10 | Management and Accounting | 100 | 3 |

SEMESTER III:

| COURSE NO. | PAPER NAME | MARKS | CREDIT |
|-------------------|--|--------------|---------------|
| IT-14 | Operating System | 100 | 4 |
| IT-17 | Data Communication & Computer Network | 100 | 4 |
| IT-16 | Objected Oriented Programming using JAVA | 100 | 4 |
| IT-21 | Software Engineering | 100 | 4 |
| IT-28 | Advanced Web Technologies | 100 | 4 |

SEMESTER IV:

| COURSE NO. | PAPER NAME | MARKS | CREDIT |
|-------------------|---|--------------|---------------|
| IT-22 | Computer Graphics & Multimedia | 100 | 4 |
| IT-23 | Application Software Development | 100 | 4 |
| IT-29 | E Commerce | 100 | 3 |
| IT-30 | Project | 100 | 8 |

Minimum Recommended Practical Hours:

| SEMESTER-I | | SEMESTER-II | | SEMESTER-III | | SEMESTER-IV | |
|-------------------|-----------------|--------------------|-----------------|---------------------|-----------------|--------------------|-----------------|
| IT-01 | 12 Hours | IT-07 | 30 Hours | IT-14 | 20 Hours | IT-23 | 40 Hours |
| IT-02 | 48 Hours | IT-12 | 30 Hours | IT-16 | 40 Hours | | |
| | | IT-27 | 36 Hours | IT-28 | 36 Hours | | |