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Admission to the undergraduate (bachelor) program is competitive and limited by the number of seats available. Eligibility will be based on the student satisfying the following requirements.
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Scholarship Scheme
The Scholarship shall be awarded on the following basis:
1. 5% scholarship on the basis of merit of entrance examination conducted by Purbanchal University.
2. 5% Scholarship on the basis of reservation quota specified by Purbanchal University.

Facilities
- Computer Labs
- Uni Lab
- Hash Lab
- Mat Lab
- Project Lab
- Communication Lab
- Electrical Lab
- Physics Lab
- Chemistry Lab
- Drawing Hall
- Workshop Lab
- Thermodynamics Lab
- Well-equipped classrooms
- Resourceful Library
- Hygienic cafeteria
- Wi-Fi Zone
- Seminar and Auditorium Hall

Who are at NEF-CCN AITM?

Board of Directors
- Prof. Dr. Srijam Bhagat Mathe
  Former Dean, IIT, TU
  Chairperson
- Mr. Umesh Shrestha
  Founder, LA College of Higher Studies
  Vice-Chairperson
- Mr. Pramod Pradhan
- Mr. Yadav Pradhan
- Mr. Gunaraj Niraula

Academic Council
- Prof. Dr. Ram Manohar Shrestha
  Professor Emeritus, AIT, Bangkok
  Chairperson
- Prof. Dr. Sudarshan Raj Tiwari
  Former Dean, IIT, TU
  Co-Chairperson
- Prof. Dr. Pramod Bahadur Shrestha
- Prof. Dr. Prem Nath Maskey

IST Academic Committee
- Dr. Madhav Narayan Shrestha
  Coordinator, AIT VLSI Program
- Mr. Pramod Pradhan
  Director, AIT
- Mr. Bhupas Das Rajbhandari
  Executive Director

Future Opportunities
Our graduates have opportunities for placement and further education in different institutions.

Awards/Achievements
Sindhub Timil Sierra BIT Batch 2007-2008: P.U. Topper (Gold Medalist)
Nirmal Limbu BIT Batch 2007-2011 P.U. Topper (Gold Medalist)

Universities where former students have gone for higher studies
1. Indian Institute of Technology, India
2. Tokyo Institute of Technology, Japan
3. University of Technology, Australia
4. University of Paris, UK
5. University of Mexico-USA

NEF-CCN
NEPAL EDUCATION FOUNDATION - CONSORTIUM OF COLLEGES, NEPAL
Under the aegis of NEF - CCN
Contact: Knowledge Village, Kharbar, Satdobato, Lalitpur, Nepal
Tel: 5140374, 5122175/6, info@aitm.edu.np
Website: www.aitm.edu.np
For Serious Education For Secured Future

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About AITM

Vision
To contribute to human resources development in the country by networking with other prestigious and reputable institutions within and outside the country so as to produce skilled and qualified graduates, with analytical skills, creative and innovative thinking, who are morally upright and socially responsible and are able to lead from the front by example.

Mission
To offer the students an educational environment that enhances their learning, expands their minds and moulds their personalities in a caring environment so that they are thoughtful, critical, innovative and responsible global citizens, who will be leaders in whatever careers they choose.

Objective
AITM wishes to be a positive agent of change, within the country, regionally and internationally, by collaborating with reputed international institutions of Asia and beyond, and drawing upon their vast experiences and track record of operating in a multi-national and multi-cultural academic setting.

AITM will strive to become an international university by 2020. In offering the international programs in Nepal, the main aim will be to transform Nepalese institutions of higher education into outstanding seats of learning, equipped to foster high-quality education, scholarship and research, to produce enlightened citizens with strong moral and ethical values.

Course Outline

FOUR YEARS BIT
Affiliated to Kathmandu University

<table>
<thead>
<tr>
<th>SEMESTER ONE</th>
<th>SEMESTER FIVE</th>
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</thead>
<tbody>
<tr>
<td>1. Mathematics I</td>
<td>1. Probability &amp; Statistics</td>
</tr>
<tr>
<td>2. Fundamentals of Information System</td>
<td>2. Data Communication</td>
</tr>
<tr>
<td>5. Principles of Management</td>
<td>5. Project V</td>
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<tr>
<td>6. Programming in C</td>
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<td>7. Project I</td>
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<thead>
<tr>
<th>SEMESTER TWO</th>
<th>SEMESTER SIX</th>
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<tbody>
<tr>
<td>1. Mathematics II</td>
<td>1. Computer Network &amp; Telecommunication</td>
</tr>
<tr>
<td>2. Electronic Devices and Circuit</td>
<td>2. Embedded System Programming</td>
</tr>
<tr>
<td>3. Digital Logic</td>
<td>3. Data Mining &amp; Data Warehousing</td>
</tr>
<tr>
<td>6. Project II</td>
<td>6. Project V</td>
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<thead>
<tr>
<th>SEMESTER THREE</th>
<th>SEMESTER SEVEN</th>
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<tbody>
<tr>
<td>1. Systems Analysis &amp; Design</td>
<td>1. Network Programming</td>
</tr>
<tr>
<td>2. Numerical Methods</td>
<td>2. Software Engineering</td>
</tr>
<tr>
<td>4. Microprocessor &amp; Assembly Language</td>
<td>4. Distributed Processing</td>
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<tr>
<td>5. Data Structures &amp; Algorithms</td>
<td>5. Artificial Intelligence</td>
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<tr>
<td>6. Project III</td>
<td>6. Elective IV</td>
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<thead>
<tr>
<th>SEMESTER FOUR</th>
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<tbody>
<tr>
<td>2. Database Management Systems</td>
<td>2. E-Commerce</td>
</tr>
<tr>
<td>4. Operating System</td>
<td>4. Elective V</td>
</tr>
<tr>
<td>5. System Analysis &amp; Design</td>
<td>5. Project VI</td>
</tr>
<tr>
<td>6. Marketing Management</td>
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<tr>
<td>7. Project IV</td>
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Electives:
1. Geographical Information System
2. Computer Simulation & Modelling
3. Decision Support System
4. Image Processing & Pattern Recognition
5. Theory of Computation
6. Parallel Computing
7. System Administration
8. Object Oriented Relational Database Management System
9. Network Management
10. Compiler Design
11. Elective I

Four Years BE - Computer Engineering
Affiliated to Kathmandu University

<table>
<thead>
<tr>
<th>SEMESTER ONE</th>
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<tbody>
<tr>
<td>2. Physics</td>
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<tr>
<td>3. Communicative English</td>
<td>3. Communicative English</td>
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<tr>
<td>5. Elements and Services of Computer Technology</td>
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</tbody>
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<tr>
<th>SEMESTER TWO</th>
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<tbody>
<tr>
<td>2. Object oriented Programming</td>
<td>2. Object oriented Programming</td>
</tr>
<tr>
<td>3. Chemistry</td>
<td>3. Chemistry</td>
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<tr>
<td>5. Electrical Engineering</td>
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<tr>
<td>6. Digital Logic</td>
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<tbody>
<tr>
<td>2. Information System Design</td>
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</tr>
<tr>
<td>3. Data Structure &amp; Algorithm</td>
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<tr>
<td>5. Project</td>
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<tbody>
<tr>
<td>1. Microprocessor</td>
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<tr>
<td>2. Database Management Systems</td>
<td>2. Database Management Systems</td>
</tr>
<tr>
<td>3. Free and Open Source Programmes</td>
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</tr>
<tr>
<td>4. Database Management</td>
<td>4. Database Management</td>
</tr>
<tr>
<td>8. Information Security</td>
<td>8. Information Security</td>
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<tr>
<td>11. Automatic Control System</td>
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</table>

Electives:
1. Compiler Design
2. Mobile Computing
3. Visual Basic, nets, C# Programming
4. Image Processing and Pattern Recognition
5. Distributed Processing
6. System Administration
7. Knowledge Management
8. Information Security
9. E-Government System
10. Multimedia Systems
11. Automatic Control System