**HOW TO APPLY/REGISTRATION/COURSE FEE**

<table>
<thead>
<tr>
<th>Date Type</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Start Date</td>
<td>27.05.2024</td>
</tr>
<tr>
<td>Last Date of Registration</td>
<td>27.06.2024</td>
</tr>
<tr>
<td>Last Date for Deposition of Registration Fee</td>
<td>27.06.2024</td>
</tr>
<tr>
<td>Commencement of Training Programme</td>
<td>28.06.2024</td>
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</tbody>
</table>

A fee shall be paid by online mode. The registration fee will include registration kit, high tea. The selection is on a first come first served basis depending upon the availability of seats. Registration charges are non-refundable for selected participants. Online registration can be done in following three steps:

1. **Step 1:** Register by going through the following link or by scanning the QR code given on next page.
2. **Step 2:** Fill the google form and upload the required documents.
3. **Step 3:** Submit the google form.

**Note:** Separate charge as per university norms will be applicable if any student is allowed for hostel accommodation during internship period.

**Eligibility:**
Students of various institutions comprising of MSC / B.Tech (ECE, EE, CSE, IT) / M.Tech to register.

**Account Details.**
- **Account No.:** 33542824744
- **IFSC Code:** SBIN0002578
- **Account Name:** Madan Mohan Malaviya University of Technology
- **Bank Name:** State Bank of India

**FEES DETAILS**

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Registration</td>
<td>INR 6,000/-</td>
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</tbody>
</table>

**DESCRIPTION**

First four week will be utilized for training on VLSI design tools and last two week will be dedicated for project work.

**SPEAKERS / INSTRUCTORS**

- Prof. R. K. Chauhan, ECED, MMMUT, Gorakhpur
- Dr. B. P. Pandey, ECED, MMMUT, Gorakhpur
- Dr. Narendra Yadava, DDU, Gorakhpur
- Dr. Mangaldeep Gupta, BBAU, Lucknow
- Mr. Saurabh Kumar, ECED, MMMUT, Gorakhpur
- Mr. Manish Deo, ECED, MMMUT, Gorakhpur
- Mr. Prince Kumar Singh, ECED, MMMUT, Gorakhpur
- Mrs. Jyotsana Singh, ECED, MMMUT, Gorakhpur
- Mrs. Pooja Chaudhary, ECED, MMMUT, Gorakhpur
- Mrs. Shweta Yadav, ECED, MMMUT, Gorakhpur

**REGISTER HERE**

[Scan Here]

**CONTACT US**

- **Mr. Saurabh Kumar (7905090422)**
  saurabh.k2u@gmail.com
- **Mr. Prince Kumar Singh (8840366810)**
  pksece@mmmut.ac.in
- **Mr. Vishwaajit Singh (6005400925)**
  vishalsingh88812@gmail.com

**Four-WEEK SUMMER INTERNSHIP ON TCAD / EDA TOOLS FOR VLSI APPLICATIONS - 2024**

- **28 June to 27 July 2024**
- **Organised by**

![Logo](logo.png)

**VLSI RESEARCH LAB, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (NBA ACCREDITED)**
**MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY, GORAKHPUR (UP)**

**Patron**
Prof. J. P. Saini
Vice Chancellor
MM MUT, Gorakhpur

**CHAIRMAN**
Prof. S. K. Soni
HOD, Electronics and Communication Engineering, MMMUT, Gorakhpur

**Principal Coordinator**
Prof. R. K. Chauhan
Electronics and Communication Engineering, MMMUT, Gorakhpur

**Co-Coordinator**
Dr. B. P. Pandey
Electronics and Communication Engineering, MMMUT, Gorakhpur
<table>
<thead>
<tr>
<th>Date</th>
<th>Topics to be Covered</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>Week 1: 28th June to 29th June 2024</td>
<td>Training on TCAD Tools (Synopsys &amp; Silvaco) for design and simulations of Semiconductor Devices</td>
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<tr>
<td>Week 2: 1st July to 05th July 2024</td>
<td>Training on Cadence Tool for design and simulations of low power circuit.</td>
<td></td>
</tr>
<tr>
<td>Week 3: 8th July to 12th July 2024</td>
<td>Training on Atlas TCAD tool for design and simulations of MOS Devices</td>
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| Week 4: 15th July to 19th July 2024 | Training on Sentaurus TCAD tool for design and simulations of MOS Devices  
Training on SCAP  
1D Tool for design and simulations of photovoltaic devices.  
Simulations on FPGA Kit | Weekly schedule may be interchanged according to the availability of the experts                                                                                                                                   |
| 22nd July to 27th July       | Projects on the TCAD tool to be undertaken by participating students.  
Guidance and assistance provided for project development and research paper writing.  
Final project presentations by students followed by evaluations and feedback. |                                                                      |