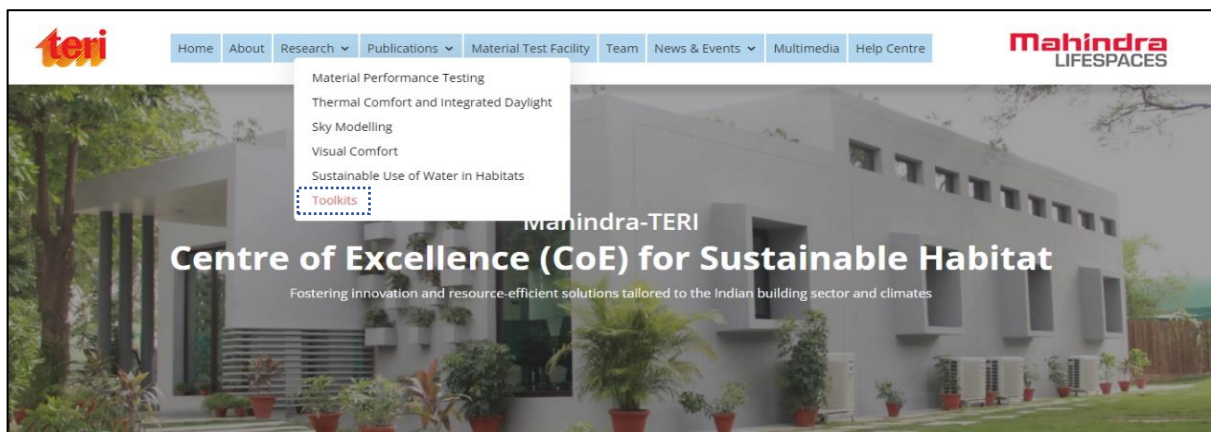


# User Guide for the "Thermal Properties of Assemblies" Tool

---

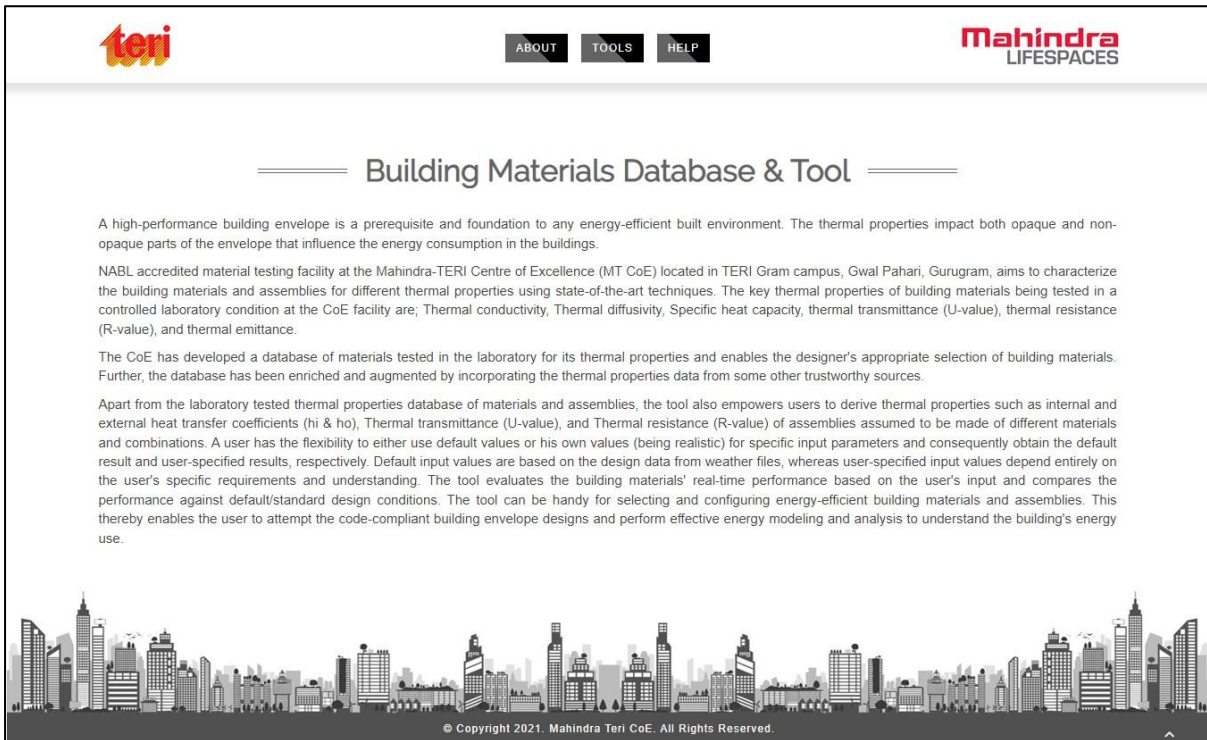
Step 1: To use this tool, click on the URL <https://www.mahindratericoe.com/> and click on the "Research" tab and after that "Toolkits," as illustrated below.



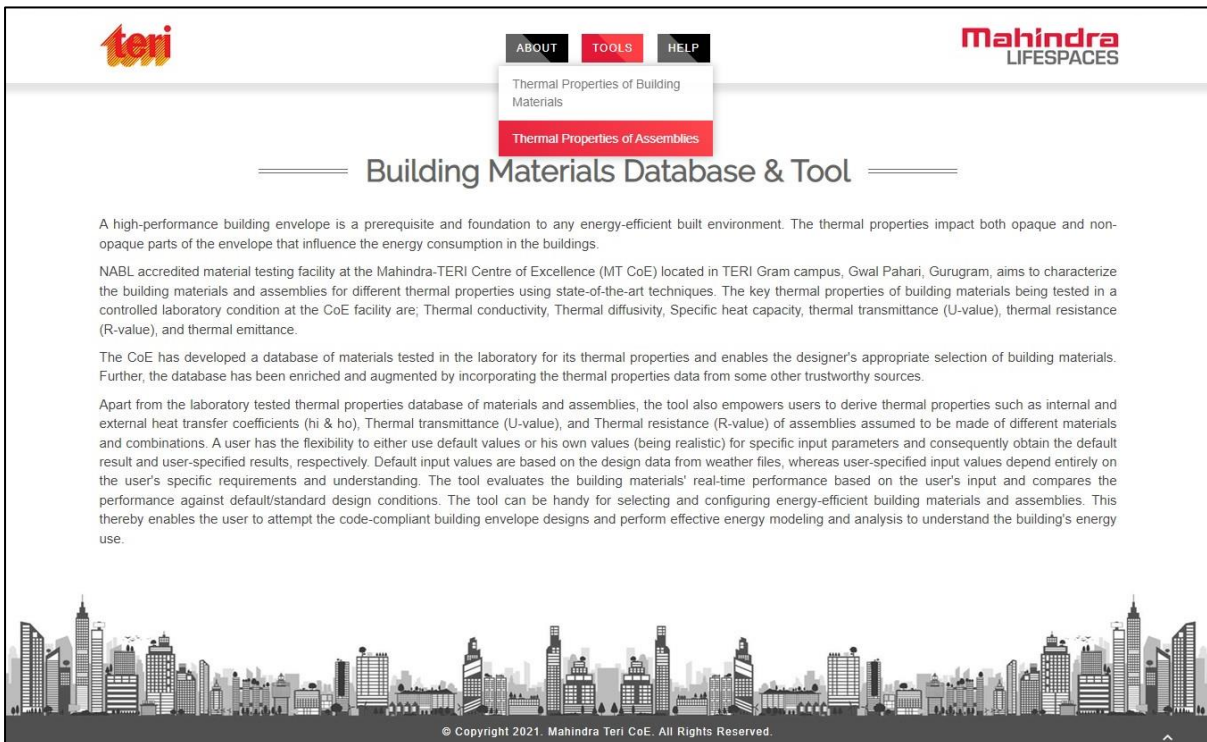
Step 2: Under the toolkits section, click on "Building Materials Database & Tool" as illustrated in the below figure;

The screenshot shows the website's navigation menu with options: Home, About, Research, Publications, Material Test Facility, Team, News & Events, Multimedia, and Help Centre. The main content area is titled "Toolkits" and contains several sections: "Tools at MT CoE", "Eco-Niwas Samhita Design Aider", and "Building Materials Database and Tool". The "Building Materials Database and Tool" section is highlighted with a dashed box. Below this section, there is a copyright notice: "© Copyright All Rights Reserved" and a small blue arrow icon pointing up.

and after that, the user will be redirected to the tool's home page, as shown in the below figure.



Step 3: Click on the "TOOLS" tab and after that on "Thermal Properties of Assemblies," as illustrated in the below figure.



**Step 4: Select and provide input parameter for evaluation of thermal properties:**

- I. Select the required city for which the thermal properties of assemblies to be assessed, as illustrated below.

- II. Enter the required inputs such as exterior and interior wind speed (m/s) & temperature (°C), as illustrated below.

III. Select the layers for which the thermal properties of assemblies to be assessed, as illustrated in the below figure.

IV. To calculate the thermal properties, click on the calculate button, as illustrated below.

Step 5: After clicking on the Calculate button, the result will appear as shown in the figure; the user can download the result by clicking on the Download button.

