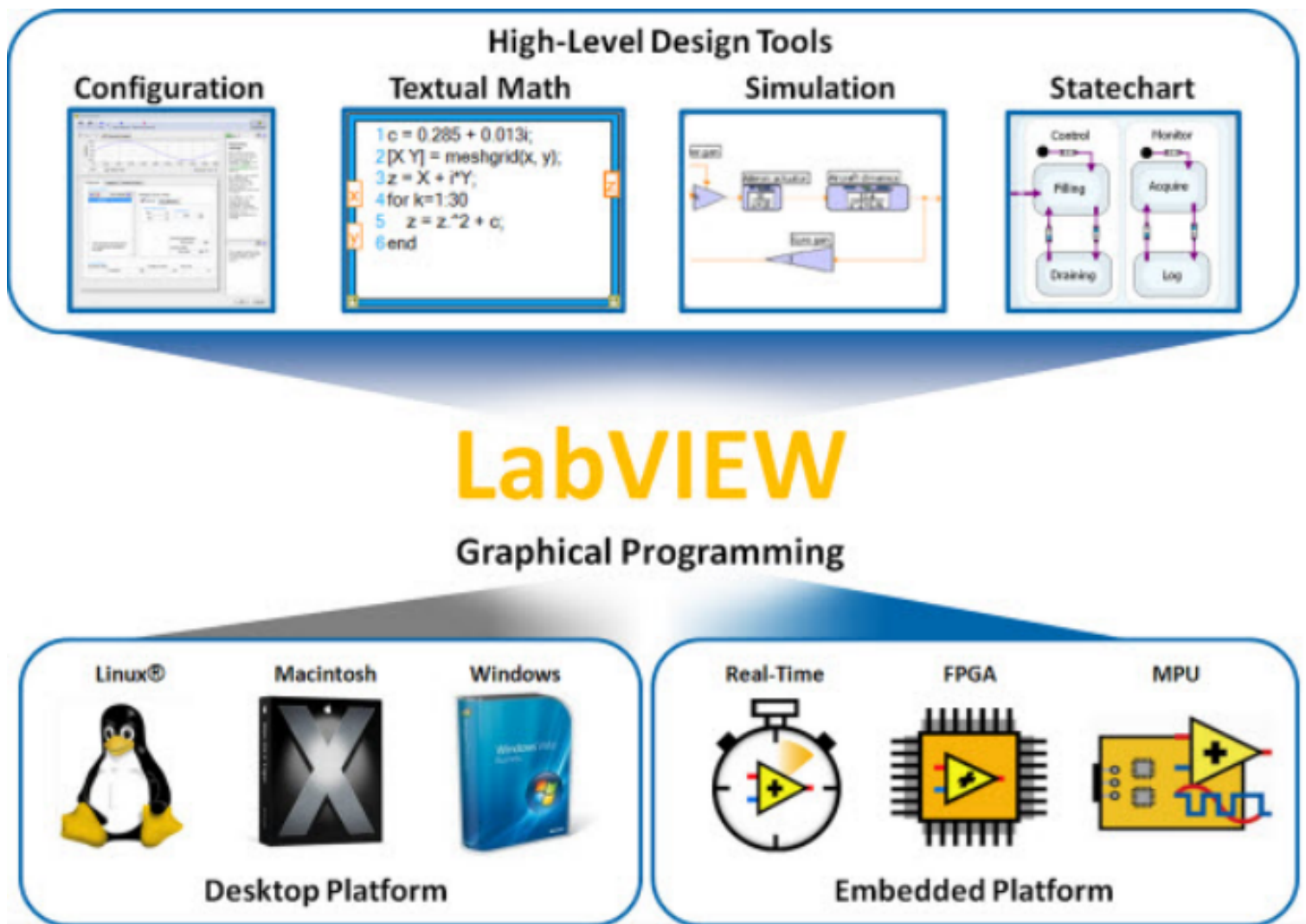# Laboratory Virtual Instrument Engineering Workbench (LabVIEW)

By IASToppers | 2022-07-20 17:58:00

Laboratory Virtual Instrument Engineering Workbench (LabVIEW)

Academic users in India will have free access to the Laboratory Virtual Instrument Engineering Workbench (LabVIEW) software suite.

[ref: efxkits.us]

About LabVIEW

- It is a **system-design platform** and development environment for a **visual programming language** (VSL).
  - VSL is any programming language that lets users create programs by manipulating program elements **graphically** rather **than** by specifying them **textually**.
- **LabVIEW** uses a **graphic interface** that enables different elements to be joined together to provide the required flow and **runs on most computing systems.**
- It is **hosted on the cloud server** established **by** the **I-STEM** to provide user-friendly access from anywhere in India

Benefits:

- Will **assist** many **students** and **researchers**, especially those in the more **remote** and **less-endowed** institutions
- Will **Enhance learning** outcomes and **promoting R&D** efforts across India.
  - This would lead to **collaborative** research and increasing **innovation**.