

## ابزارها و منابع آموزشی

### لینک‌های دانلود ابزار Vivado

نسخه نهایی :

- <https://downloadly.ir/software/engineering-specialized/xilinx-vivado-design-suite/>

لینک‌های پیشنهادی نسخه‌ی ۲۰۱۵ (کم حجم):

- [http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/Design%20Automation%20\(BS\)/Project%20Material/Vivado/Last%20Semester%20Tool](http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/Design%20Automation%20(BS)/Project%20Material/Vivado/Last%20Semester%20Tool)
- <https://p30download.ir/fa/entry/55048/>

لینک‌های پیشنهادی سایر نسخه‌ها در فایل سرور دانشکده

- <http://files.ce.aut.ac.ir/apps/files/?dir=/Common/amini/Tools/>

### ویدیوهای آموزش ابزار Vivado

- [http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/RCS%20\(MS\)/Project%20Material/Vivado\\_tutorial](http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/RCS%20(MS)/Project%20Material/Vivado_tutorial)
- [https://www.youtube.com/watch?v=U\\_16tKynK7Y&list=PL35626FEF3D5CB8F2](https://www.youtube.com/watch?v=U_16tKynK7Y&list=PL35626FEF3D5CB8F2)

ویدیوهای آموزش طراحی توأم سخت‌افزار و نرم‌افزار

- [http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/Design%20Automation%20\(BS\)/Project%20Material/Vivado](http://files.ce.aut.ac.ir/apps/files/?dir=/Common/szamani/Design%20Automation%20(BS)/Project%20Material/Vivado)
- <https://www.youtube.com/watch?v=BEQXV3eAZNs>
- [https://www.youtube.com/watch?v=tDmu\\_FnZuGs](https://www.youtube.com/watch?v=tDmu_FnZuGs)
- <https://www.youtube.com/watch?v=qgnTkZ-lnK8>

### مستندات ابزار Vivado

- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug937-vivado-design-suite-simulation-tutorial.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug937-vivado-design-suite-simulation-tutorial.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug888-vivado-design-flows-overview-tutorial.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug888-vivado-design-flows-overview-tutorial.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug1119-vivado-creating-packaging-ip-tutorial.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug1119-vivado-creating-packaging-ip-tutorial.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug939-vivado-designing-with-ip-tutorial.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug939-vivado-designing-with-ip-tutorial.pdf)



- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug904-vivado-implementation.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug904-vivado-implementation.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug936-vivado-tutorial-programming-debugging.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug936-vivado-tutorial-programming-debugging.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/sw\\_manuals/xilinx2021\\_1/ug938-vivado-design-analysis-closure-tutorial.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/sw_manuals/xilinx2021_1/ug938-vivado-design-analysis-closure-tutorial.pdf)
- [https://www.xilinx.com/content/dam/xilinx/support/documentation/quick\\_start/microblaze-quick-start-guide-with-vitis.pdf](https://www.xilinx.com/content/dam/xilinx/support/documentation/quick_start/microblaze-quick-start-guide-with-vitis.pdf)