

# Vikram Govindarajan

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## EDUCATION

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### Homi Bhabha National Institute (HBNI), Mumbai

*Master of Technology in Mechanical Engineering, Specialization in Fast Breeder Reactor and Recycle Science & Technology* Aug. 2014

### College of Engineering, Guindy (CEG)

Chennai, TN

*Bachelor of Engineering in Mechanical Engineering*

*Jul. 2010 – Apr. 2014*

## EXPERIENCE

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### Scientific Officer

Aug. 2014 – Present

*Indira Gandhi Centre for Atomic Research (IGCAR)*

*Kalpakkam, TN*

- Responsible for plant dynamics studies and safety establishment of indigenous Fast Breeder Reactors (FBRs)
- Developed in-house system dynamics codes with modern scientific software engineering practices
- Specialized in nuclear reactor thermal hydraulics using CFD tools

## PROGRAMMING/SOFTWARE SKILLS

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**Languages:** Python, C/C++, Fortran, Matlab

**Software:** Flownex

**Developer Tools:** Git, sphinx

**Libraries:** NumPy, Matplotlib, Scipy, CoolProp

## LANGUAGES

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**Tamil:** Native

**English:** Professional