



School of Electronics Engineering  
Department of Embedded Technology  
Value Added Course



Programming Languages for Industry 4.0 (VAC2334)

Online Mode- (17-02-25 to 09-03-25)

Day 1: 7:30 PM -9:30 PM

- Introduction of OOPS

Day 2: 7:30 PM -9:30 PM

- Android programming

Day 3: 7:30 PM -9:30 PM

- Java programming for Android

Day 4: 7:30 PM -9:30 PM

- Introducing KOTLIN

Day 5: 7:30 PM -9:30 PM

- More examples using KOTLIN

Day 6: 7:30 PM -9:30 PM

- Android development using KOTLIN

Day 7: 7:30 PM -9:30 PM

- Python for IOT framework

Day 8: 7:30 PM -9:30 PM

- HTTP, MQTT, things board, MQTT lens

Day 9: 7:30 PM -9:30 PM

- Data science: Working with Pandas

Day 10: 7:30 PM -9:30 PM

- Data frames, exploratory analysis, plots, histograms, heat map

Day 11: 7:30 PM -9:30 PM

- Data cleaning

Day 12: 7:30 PM -9:30 PM

- Linear regression, Logistic regression

Day 13: 7:30 PM -9:30 PM

- Real life examples

Day 14: 7:30 PM -9:30 PM

- Industry use cases

Day 15: 7:30 PM -9:30 PM

- Practical exercises on Java

**Target Audience:** VIT- Vellore UG, PG, and  
Research Scholars

Registration Fees: **Rs.200/-+GST**

Last date for Registration: **14<sup>th</sup> Feb 2025**

**Registration Link:**

<https://events.vit.ac.in/>

**Coordinators:**



9894798159 Dr.Gerardine I Mary, SENSE

9500359576 Dr. Venugopal P., SENSE

Limited  
Seats ONLY