

# VKV GOVERNMENT DEGREE COLLEGE, KOTHAPETA

## Report on Guest Lecture

**Title of the Lecture:** Introduction to Python Programming

**Date:** 18th July 2025

**Venue:** Computer Science Lab / Seminar Hall

**Target Audience:** B.Sc. Computer Science Students (I, II, III Year)

**Resource Person:** KSN Prasad, Lecturer in Computer Science

**Institution/Organization:** VKV Government Degree College, Kothapeta

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### Objective of the Lecture:

The main aim of the guest lecture was to provide students with foundational knowledge of **Python programming**, its applications in various domains, and practical exposure to basic syntax and problem-solving techniques using Python.

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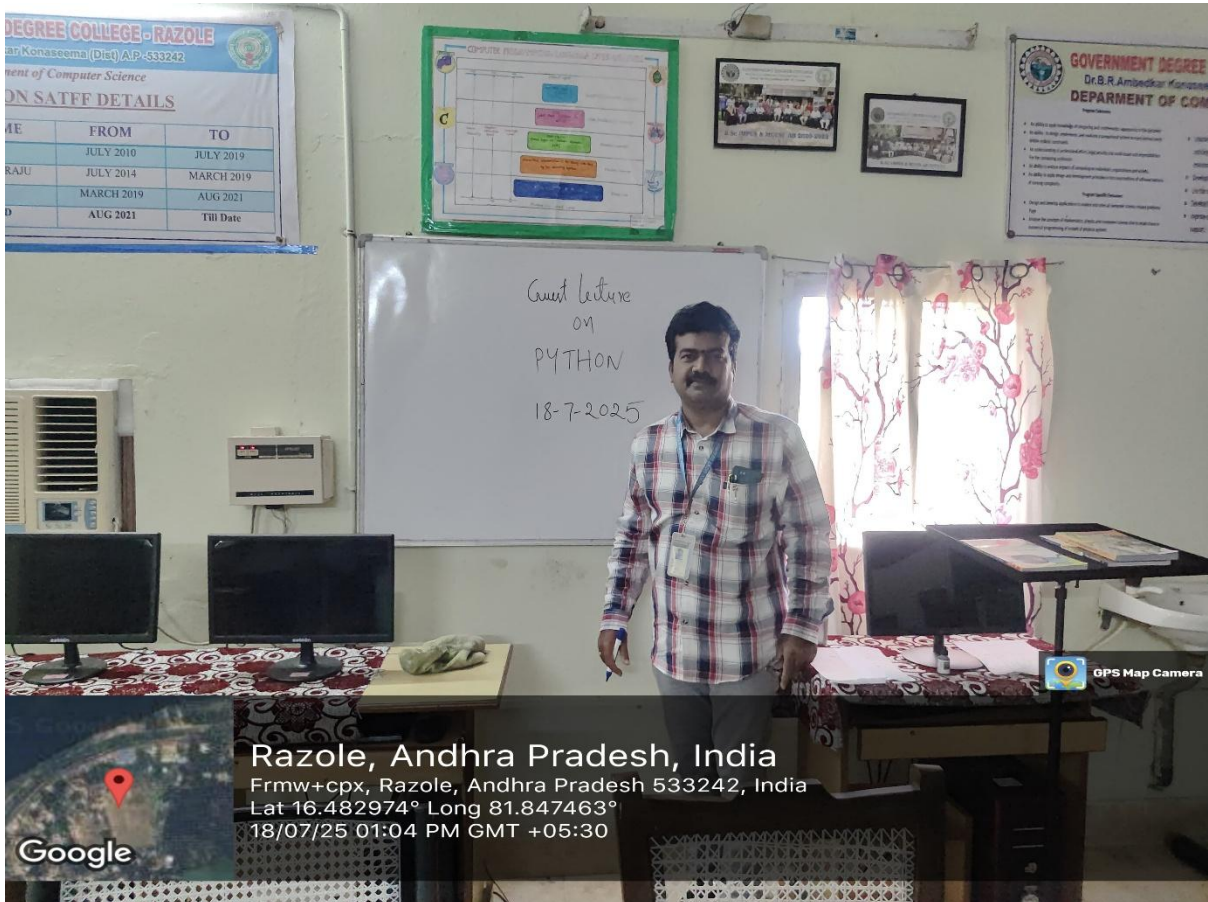
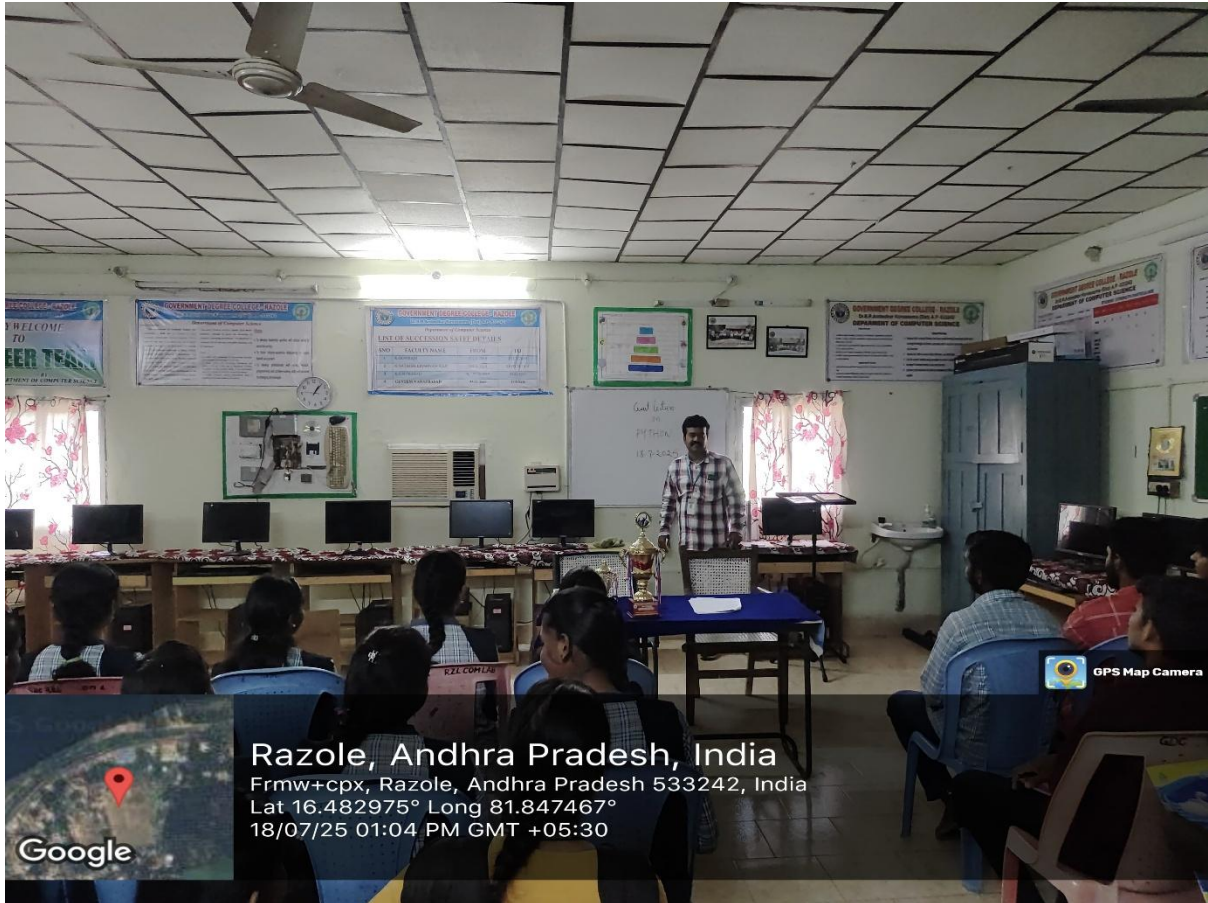
### Summary of the Session:

- The session began with a brief **introduction to the Python language**, its history, and its popularity in modern computing.
- The resource person explained Python's **simple syntax**, interpreted nature, and **cross-platform compatibility**, making it an ideal language for beginners.
- Topics covered during the lecture included:
  - Python installation and IDEs
  - Variables, Data Types, and Operators
  - Control Structures: if-else, loops
  - Functions and Modules
  - Introduction to Lists, Tuples, and Dictionaries
  - Simple coding demonstrations were given using **real-time examples** to enhance clarity.
- Students were also introduced to **career opportunities** and fields where Python is widely used (e.g., Web Development, Data Science, Automation, and AI).
- An **interactive Q&A session** was conducted at the end, where students actively participated and clarified their doubts.

### Outcomes:

- Students gained a **clear understanding of Python basics** and its practical applications.
- They were motivated to explore Python further and consider its use in academic projects and research.

Photos:





**GOVERNMENT DEGREE COLLEGE**  
(NAAC RE-ACCREDITED AT B\*\* GRADE WITH 2.98 CGPA)  
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To  
The Principal  
Government Degree College  
Kothapeta

15-07-2025

Sir,

Sub:- Government Degree College, Razole-Depute Sri KSN Prasad, Lecturer in Computer Science for Guest Faculty selection-Request-Regarding.

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I request you to Spare the services of Sri KSN Prasad, Lecturer in Computer Science of your college as subject expert for the selection of Guest Faculty in Computer Science Post in our college to be held on 18-07-2025.

Thanking you

Yours faithfully

PRINCIPAL

GOVERNMENT DEGREE COLLEGE

RAZOLE-DR. B.R. Ambedkar Konaseema Dt. AP

15/7/25

copy to: Sri KSN Prasad  
Lr in Computer Science, GDC Kothapeta.  
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