

- 1. Title of the Course: Python Hands-on- practical training and its Applications**
- 2. Course Mentors:** Mr ANUP RANA (Master of Computer Applications) Python Developer, Java, Android, Sql Technology 2. Mr VINAY SIPANI (Master of Computer Applications) Python Developer 3. Ms. POONAM VERMA (MSc-Statics, BSc. - CSM) Data Analyst and Python Developer 4. Mr. GAGANDEEP SINGH (B.Tech. CSE) Data Analyst and Python Developer
- 3. Target Group:** B. Tech. CSE/IT/ECE students
- 4. Fee Structure:** Rs 2200/- per participant
- 5. Duration of the course:** 03/07/2023-24/07/2023
- 6. Days and time of the course :** Monday to Friday (10am to 2 pm)
- 7. Eligibility of the Course:** Open for CGC - CEC Landran and CGC - COE Landran Students.
- 8. Objectives: After completion of the course students will be able to**
 - 1 Understand scripting language for development.
 - 2 Build a basic program using fundamental programming constructs like variables, conditional logic, looping, function and complex datatype (tuple, list, sets, dictionary).
 - 3 Acquire Object -Oriented programing skills in Python.
 - 4 Acquire the knowledge of Python with database.
- 9. Scope:**
 - General Purpose programming
 - Web Development
 - Data analysis and visualization
 - Machine learning and Artificial Intelligence
 - Scripting and Automation
 - Game development
- 10. Uniqueness:** The course will impart hands-on Python training, and its various uses like: -game development, data analysis and virtualization and etc. The training will be given by the trainers of TCIL-IT, Chandigarh which is dealing with trending technologies.
- 11. Learning Outcomes of the Course:**
 - i. To know the concept of import modules in Python
 - ii. To know how to work with the Complex Datatypes
 - iii. Be able to work with CSV files
 - iv. Improve programming skills.
 - v. To be able to understand and build logics.

12. Week/Day wise Plan of the Course:

Module-1	Module - 2	Module - 3	Module - 4	Module - 5
<ul style="list-style-type: none">· Introduction· Installation· Operators· Conditional Statements· Loops	<ul style="list-style-type: none">· Complex datatype· List· Tuple· Sets· Dictionary	<ul style="list-style-type: none">· Function and its types· Map· Filter· Args/kwargs	<ul style="list-style-type: none">· Oops Concept· Class· Object· Polymorphism· Inheritance· Abstraction	<ul style="list-style-type: none">· SQL basic· Use of database with python· Project

Registration Link: <https://forms.gle/aXuMcv5akhnSpavz7>

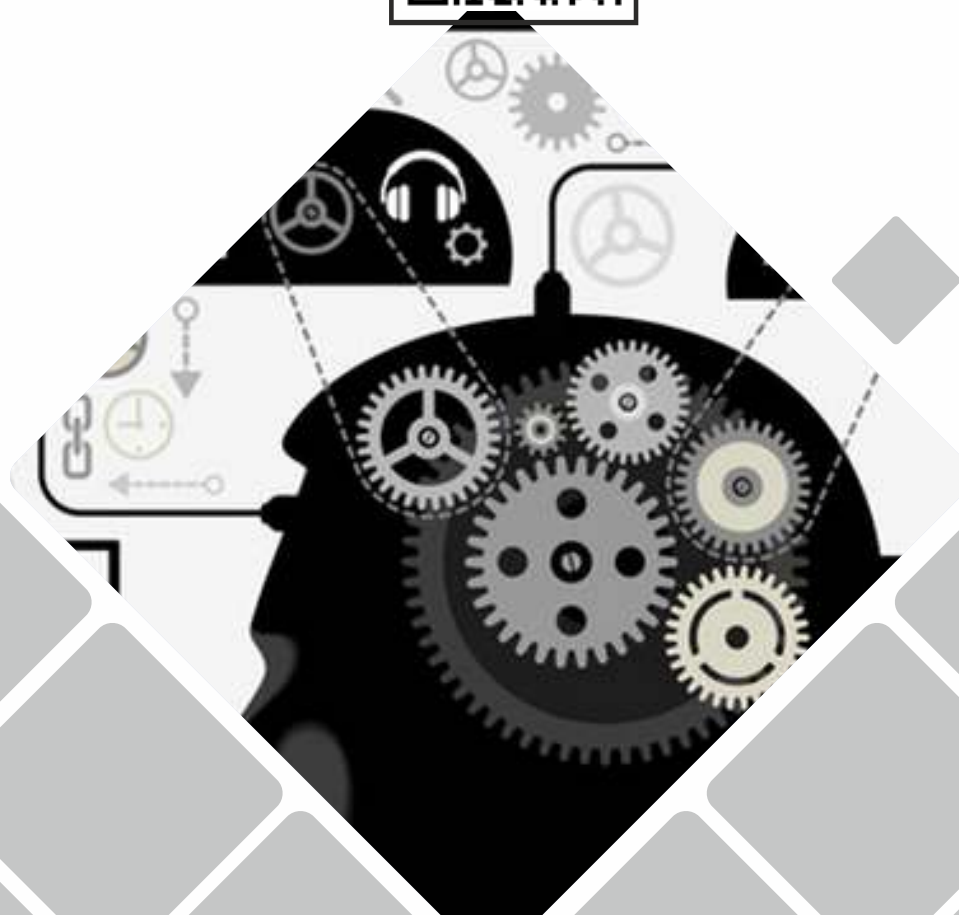
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