



IEI CSE TKMCE



PYWEEK
AUG 28 TO SEP 8

THE INSTITUTION OF ENGINEERS (INDIA)
KOLLAM LOCAL CENTER



PYTHON BASICS UNTIL FUNCTIONS

This session would benefit both the beginners and non-beginners to steer more into the programming world as the conventional method of teaching is replaced with modern tricks and cues while exploring concepts like Lambda Functions, List and Dictionary, Comprehensions, Stack, Queue, LinkedList, Tree



PYWEEK

AUGUST 28



PYTHON DATA STRUCTURES

Learn about the Data structures and how the collection of interrelated data are implemented so as to have a proper take on how they are stored, accessed and operated upon.



PYWEEK

AUGUST 29





PROJECTS USING PYTHON AND DATA STRUCTURES

A Practical intake of the theoretical sessions and comprehending much deeper aspects of the technical world from the outcome.



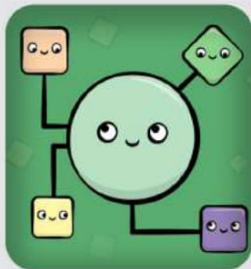
PYWEEK

SEPTEMBER 02



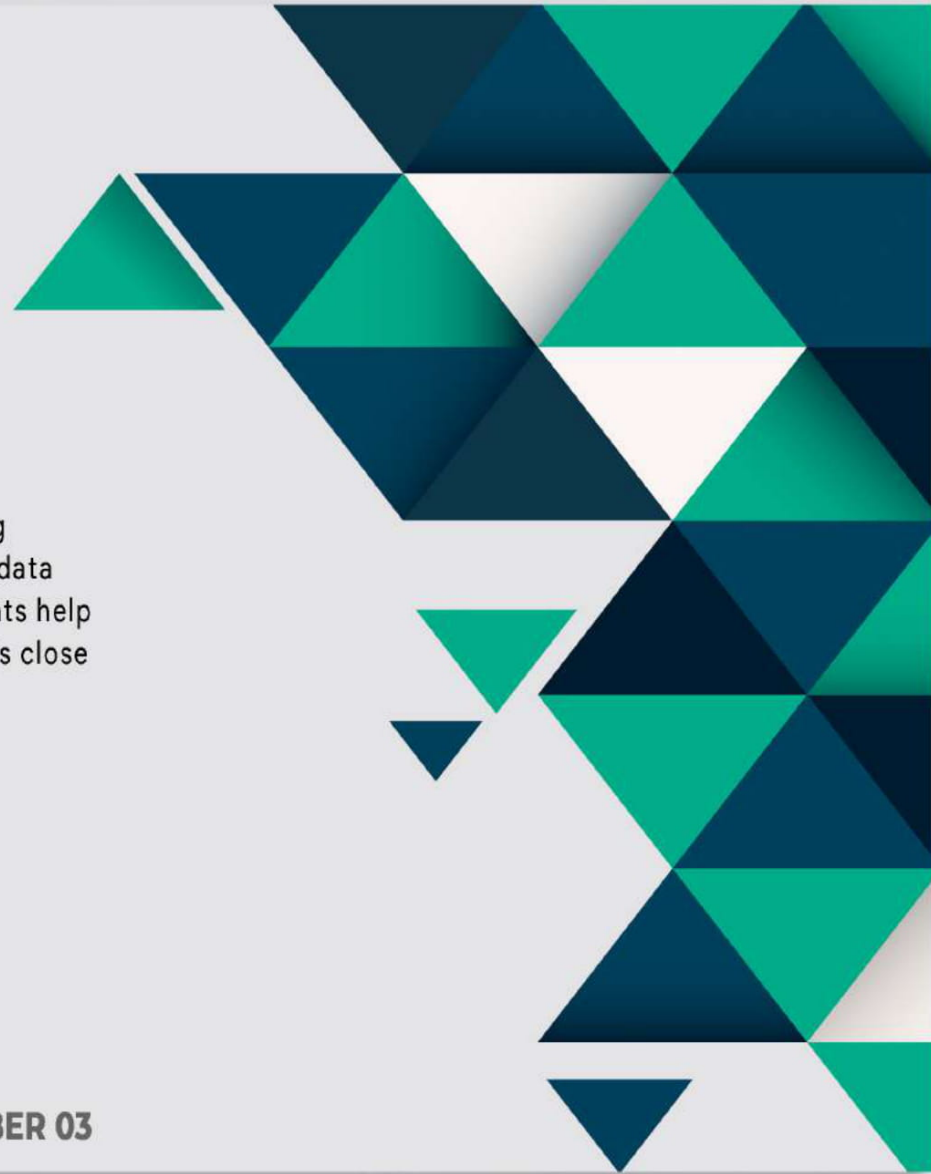
OOPs

Getting to know more of the real-life facet of technology and introducing you to a programming paradigm that directs more on the object and its data and related functions and how all of these elements help you structure your program in such a way that it is close enough to the real world.



PYWEEK

SEPTEMBER 03





DJANGO BASICS

Teaching you the development of web apps and making you familiar with the high-level python web framework, the Django that encourages rapid development and clean, practical design.



PYWEEK

SEPTEMBER 04





DJANGO ADVANCED

A more progressive take on the Django framework in order to help you develop more sophisticated web applications by introducing you to topics such as administration, session management, authentication and caching.



PYWEEK

SEPTEMBER 5 & 6





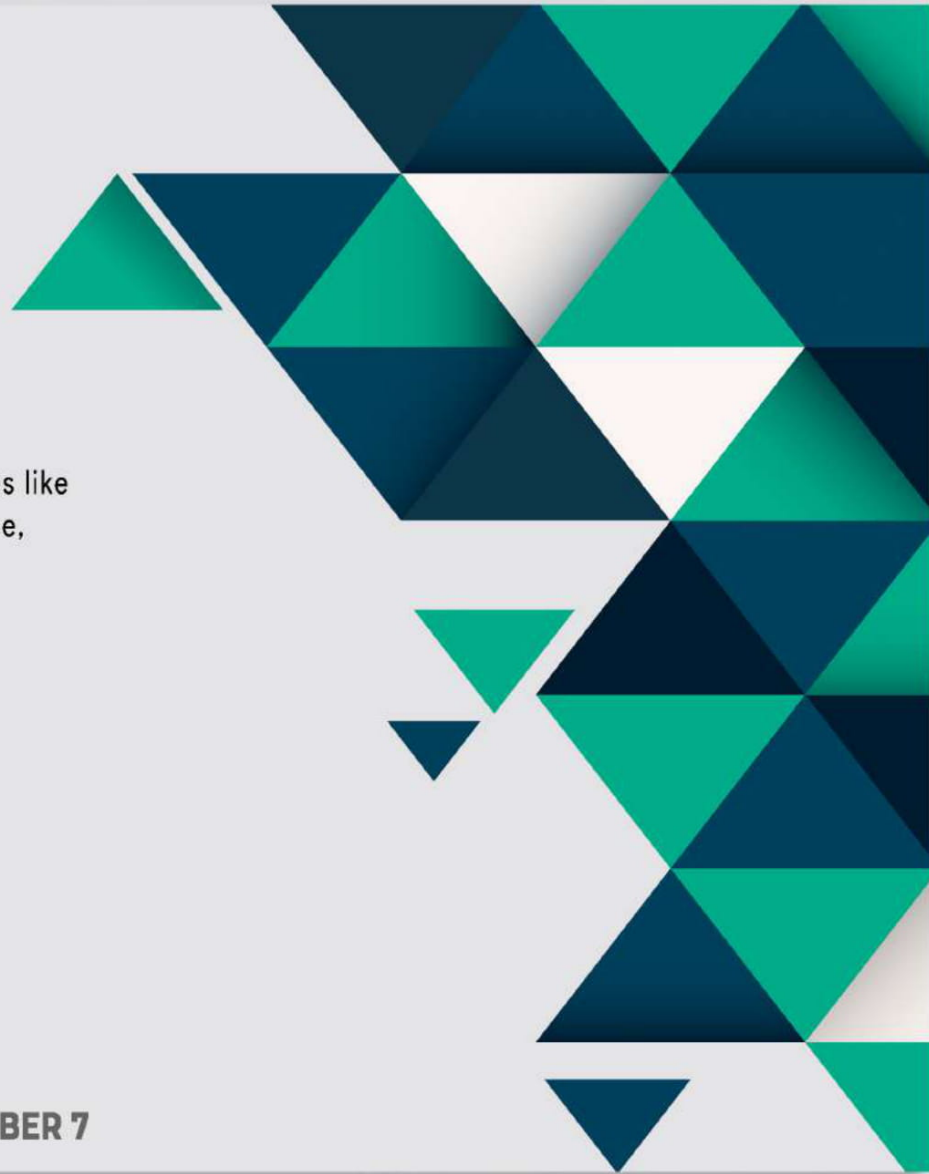
NUMPY PANDAS MATPLOTLIB

Introducing you to the widely used python libraries like Numpy and Panda which delivers high performance, easy to use structures and data inspection tools.



PYWEEK

SEPTEMBER 7





OPENCV & KERAS

An event where the participants need to navigate through the google to gather the hidden clues behind the problem to crack the riddle.



PYWEEK

SEPTEMBER 8





OK GOOGLE!

An event where the participants need to navigate through the google to gather the hidden clues behind the problem to crack the riddle.



PYWEEK

SEPTEMBER 2





CODING

A python-based coding competition involving multiple difficulty levels and exposure to intriguing concepts



PYWEEK

SEPTEMBER 3





PROJECTION

A presentation of the non-abstract project implementing the knowledge attained from the prior sessions and testing your aptitude of the proficiency gained from this program.



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SEPTEMBER 6th - 20th





PYWEEK

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