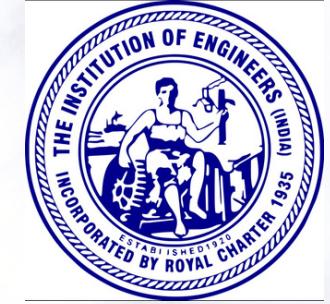


IEI CSE ORIENTATION

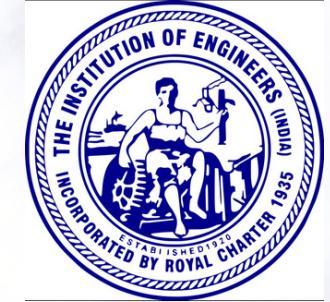
Presented by Sanjay





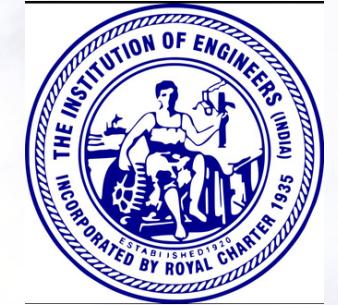
What is IEI?

- The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers
- IEI spread across the country do organize technical activities and provides platform to stakeholders, technocrats, policymakers, and others to share their expertise to benefit the engineering fraternity
- IEI fosters and contributes to the growth and production of professional engineers.



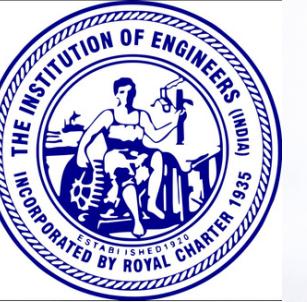
Benefits of IEI

- Networking
- Free access to technical events such as workshops and webinars
- Opportunity to participate in National, Section, and chapter events
- Scholarships(merit and income based)
- Grants for Members



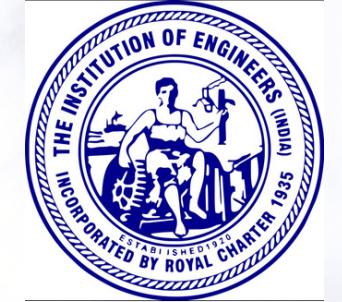
Benefits of IEI

- Research and Development funding
- Access to newsletters and journals
- Membership card(valid for 6 years)
- Industrial Visit



INDUSTRIAL VISIT

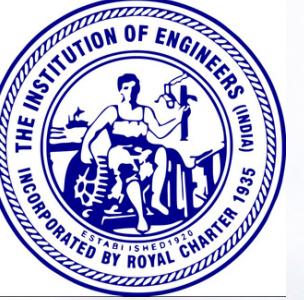




Past Events



Past Events

A dark-themed poster for a coding competition. At the top left is the IEI logo. In the center, the word "REBOOT" is written in large white letters, with "CODING COMPETITION" in smaller white letters below it. To the right of the title is the IEEE IAS logo. A small circular seal of TKM College of Engineering is at the top right. At the bottom, there's a silhouette of a person in a hooded jacket working on a laptop. Binary code patterns are visible in the background. A white rectangular box at the bottom contains the text "30 April 2022 | Hackerank | 6.00 pm".

CORDINATORS :
ALLEN - 9747221994
ANAGHA - 7306353262

A blue-themed poster for a seminar. The top half has a dark blue background with the text "IEI CSE TKMCE" and the TKM College of Engineering logo. The main title "DEEPER INVESTIGATION TO INTERPROCESS COMMUNICATION" is written in large white capital letters. Below the title, the text "SPEAKERS :" is followed by three names: "AMAL NATH S6, CSE DEPT.", "NIRANJAN B S6, CSE DEPT.", and "AJITH K P M S6, CSE DEPT.". On the right side, a dark blue rounded rectangle displays the event details: "EVENT DATE: AUG 01" and "EVENT TIME: 04:30PM". At the bottom, the text "TKM COLLEGE OF ENGINEERING" is visible.

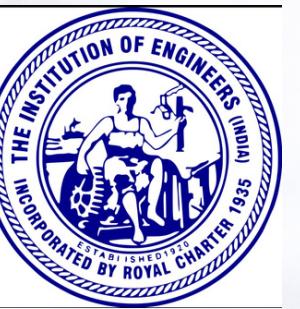
SPEAKERS :

AMAL NATH
S6, CSE DEPT.

NIRANJAN B
S6, CSE DEPT.

AJITH K P M
S6, CSE DEPT.

TKM COLLEGE OF ENGINEERING





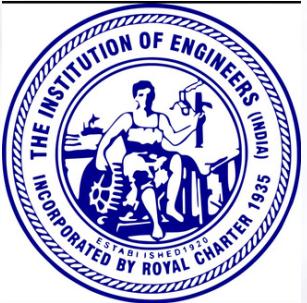
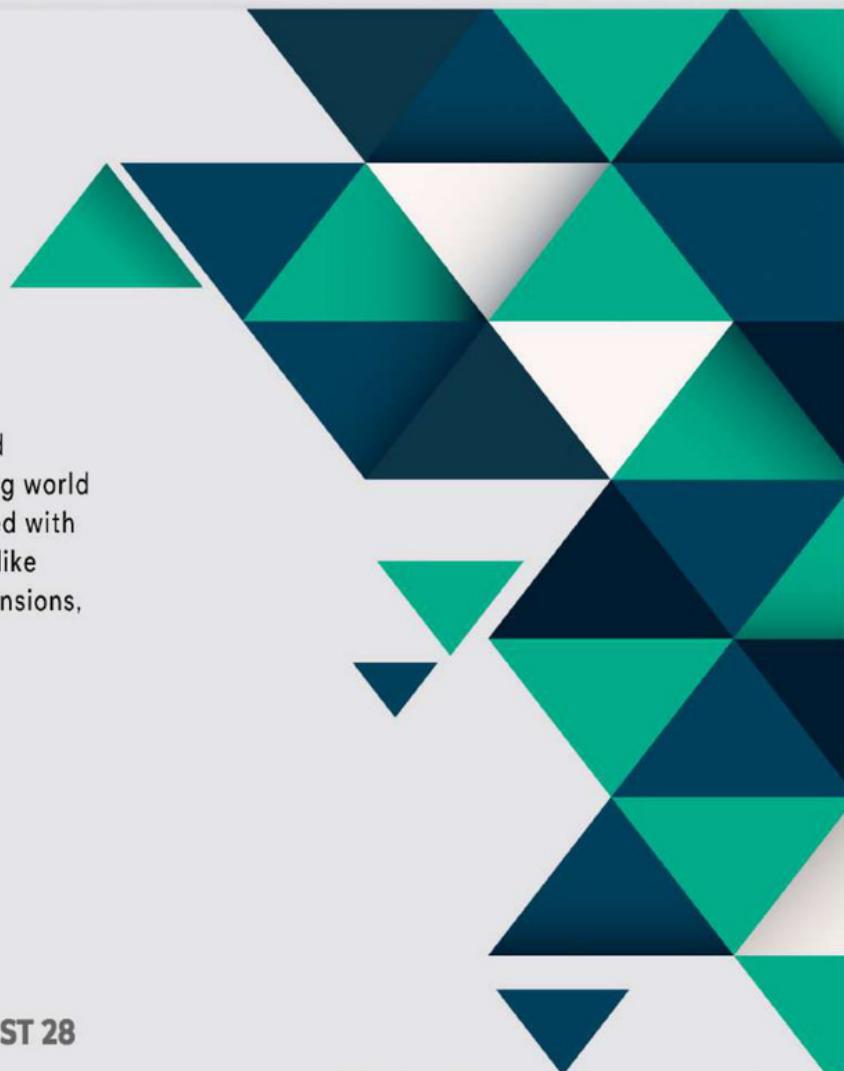
PYTHON BASICS UNTIL FUNCTIONS

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

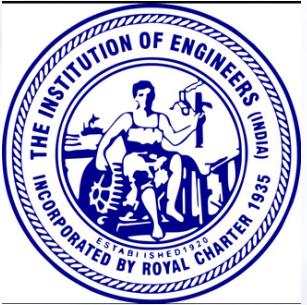
A Practical intake of the theoretical sessions and comprehending much deeper aspects of the technical world from the outcome.



PYWEEK

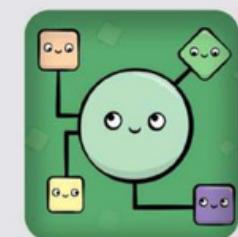


SEPTEMBER 02



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





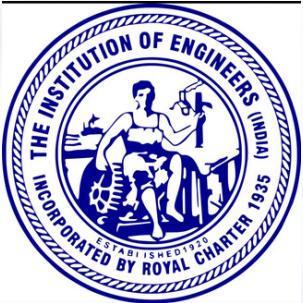
DJANGO BASICS

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.



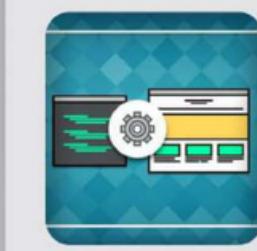
PYWEEK

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





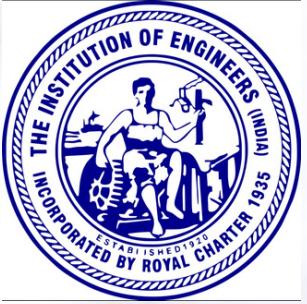
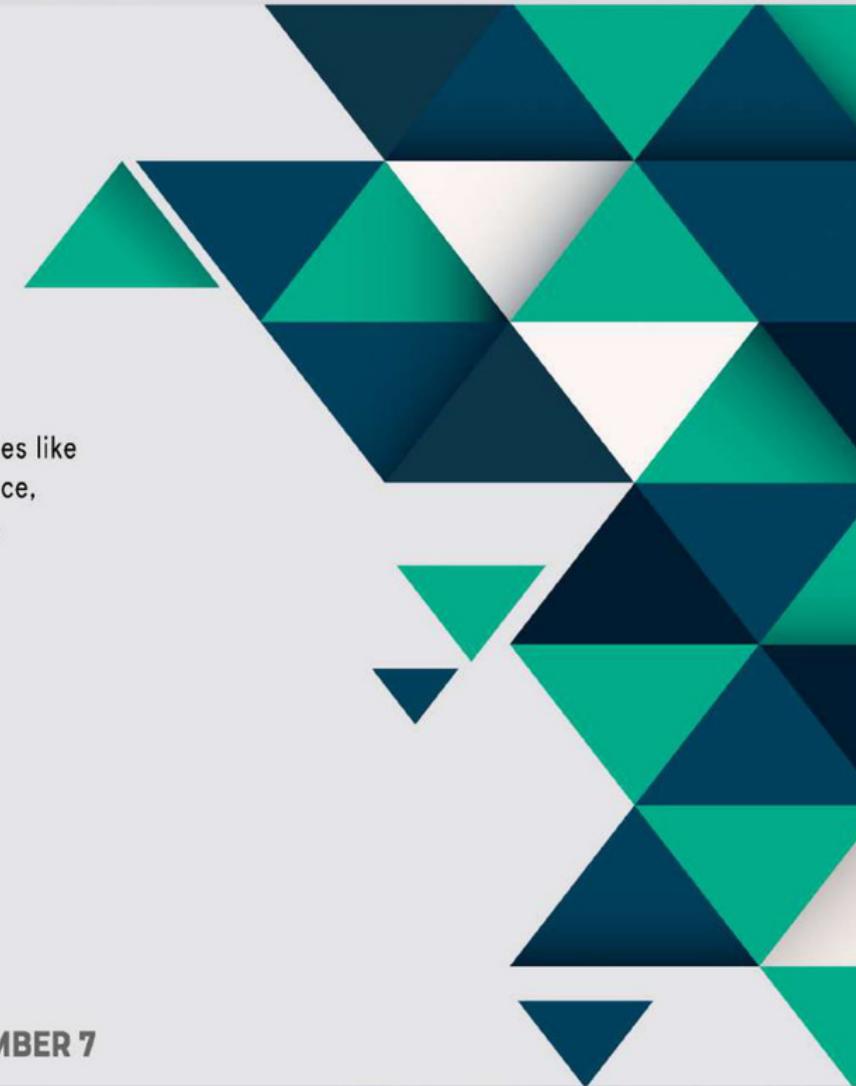
NUMPY PANDAS MATPLOTLIB

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



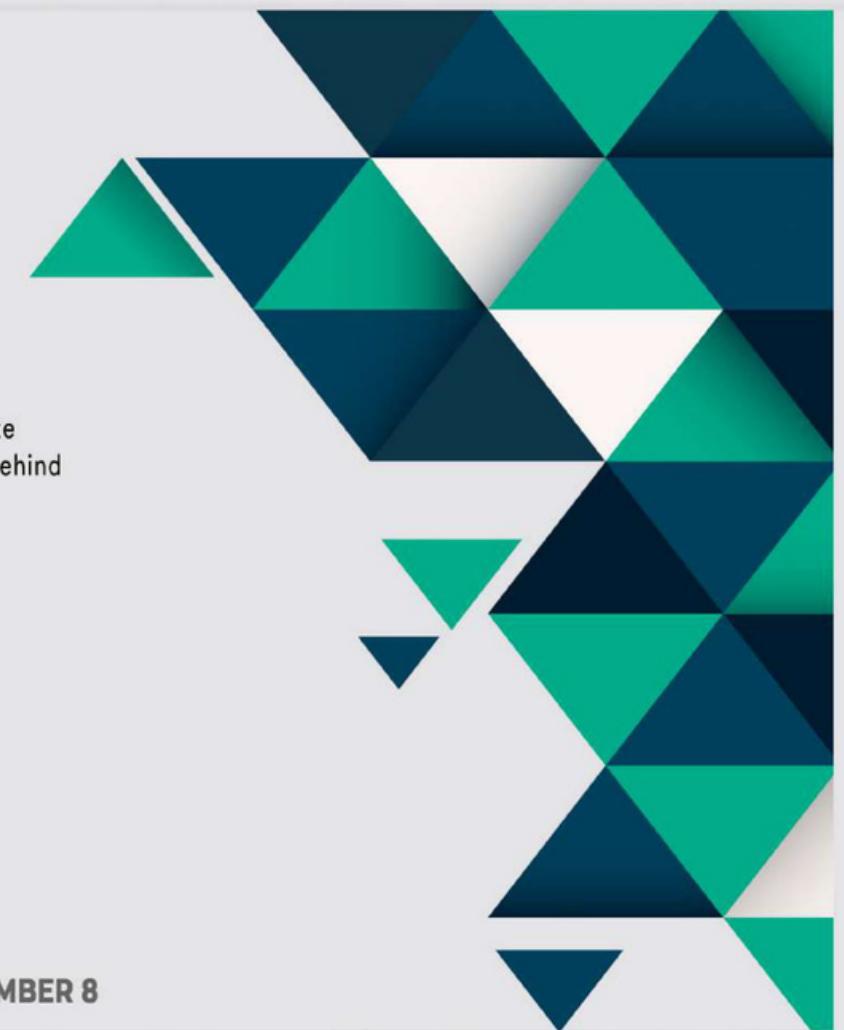
OPENCV & KERAS

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!

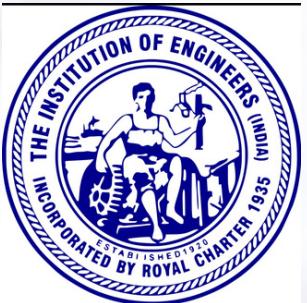
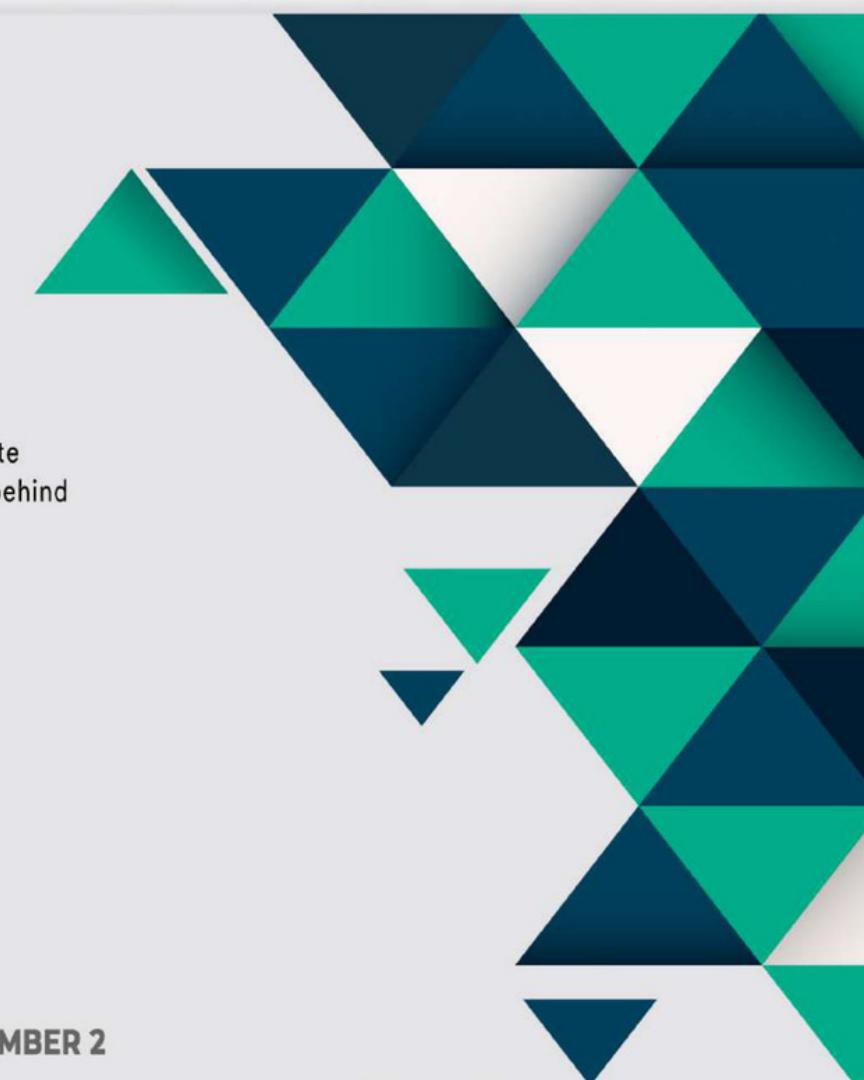
An event where the participants need to navigate through the google to gather the hidden clues behind the problem to crack the riddle.



PYWEEK



SEPTEMBER 2



CODING

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

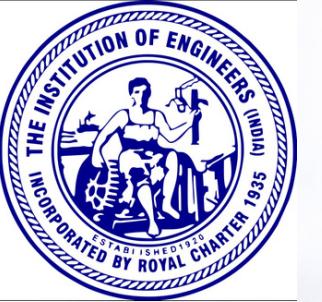


PYWEEK



SEPTEMBER 3





PROJECTION

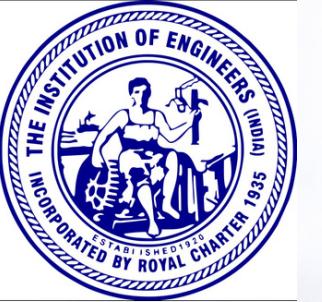
A presentation of the non-abstract project implementing the knowledge attained from the prior sessions and testing your aptitude of the proficiency gained from this program.



PYWEEK

SEPTEMBER 6th - 20th





THANK YOU