

ONE MONTH  
SUMMER INTERNSHIP  
AT  
IIT HYDERABAD  
UNDER TEQIP (III)

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**TOPIC OF INTERNSHIP:**  
**IMAGE CLASSIFICATION USING**  
**DEEP NEURAL NETWORKS**

GUIDED BY :DR. AMIT ACHARYYA

MANEUVERED BY:ARVIND KUMAR GAUTAM(PHD. SCHOLAR)

WORKSTATION: LAB NO.42(IIT HYDERABAD)

# TOPICS COVERED DURING THE INTERNSHIP

- INTRODUCTION TO CONVOLUTIONAL NEURAL NETWORKS
- ACQUAINTANCE WITH TENSORFLOW AND KERAS
- STUDY OF VGGNET 16
- IMPLEMENTATION OF VGGNET 16 USING PYTHON IN KERAS
- TESTING THE ACCURACY OF PRETRAINED VGG16 MODEL USING 2000 IMAGES FROM IMAGENET
- TRAINING NEURAL NETWORKS

# UNFORGETTABLE CLICKS

