# RO-1.0X

# Assignment 14
# Blob Detection

## Problem Statement:

- **Given file is**
  - "**assignment_14.jpg"**
- **Tasks**
    - Implement **LoG (Laplacian of Gaussian) Blob Detection** algorithm and plot the results in the given image.
    - *Detect Blobs upto* ***sigma = 20*** ***(maximum scale)***
- **To Submit**
  - ***"blob_log.jpg"***
    - *output Image with blobs*
  - **"log_blob.py", "main.py"**
    - *Create a class based implementation in* ***"log_blob.py"*** *and call each operation in* ***"main.py"***
  - **"parameters.txt"**
    - *The threshold value for the features to be considered as a Blob, minimum sigma (****minimum scale)***

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- To submit the assignment put both the files in a folder named **username**, where **username** is your user name with which you signed up at DeepEigen.
    - Submit **username.zip** file