Literature Survey (Referral):

Literature Survey based on the Transfer Learning Method and Improving CNN Model

- ❖ A deep heterogeneous feature fusion approach for automatic land-use classification
  - ➢ Author: T. Akram, B. Laurent, S.R. Naqvi, M. MbomAlex and N. Muhammad [2018]
  - ➢ Methodology:
    - o Moth-Flame Optimization (MFO) and rough set (MFORSFS)
    - o Advantage: improving the Optimization of an Own CNN Model
- ❖ Detection of potato diseases using image segmentation and multiclass SVM
  - ➢ Author: M. Islam ,AnhDinh , K. Wahid , P. Bhowmik,
  - ➢ Methodology:
    - o Image Segmentation and Multiclasses – Support Vector Machine(SVM)

- ❖ Image-based disease diagnosing and predicting of the crops through the deep learning mechanism
  - ➢ Author: H. Park, J. S. Eun and S. H. Kim [2017]
  - ➢ Methodology:
    - o MLBPNN (MultiLayer Feed Forward Back Propagation Neural Network)
    - o Accuracy: 89.56%
    - o Advantage:
    - o Improving the CNN Model. Gaining the massive accuracy in own CNN Model

- ❖ Deep Convolutional Networks
  - ➢ Author: Simonyan, K.; Zisserman, A
  - ➢ Methodology:
    - o Very Deep Convolutional Networks for Large-Scale Image Recognition
    - o Advantage: Improving the Future Extraction and Image Scale in CNN
- ❖ SoyNet: Soybean leaf diseases classification.
  - ➢ Author: Karlekar, A., Seal, A., 2020
  - ➢ Methodology:
    - o Comparing the deep learning CNN models like VGG16, GoogleNet, Dense121, XceptionNet, LeNet and ResNet50
    - o Accuracy: 98.14%
- ❖ A comparative analysis on plant pathology classification using deep learning architecture
  - ➢ Author: Subetha, T., Khilar, R., Subaja Christo, M., 2021.
  - ➢ Methodology:
    - o Transfer Learning Model - Resnet and VGG19.
    - o Accuracy: 87.7%