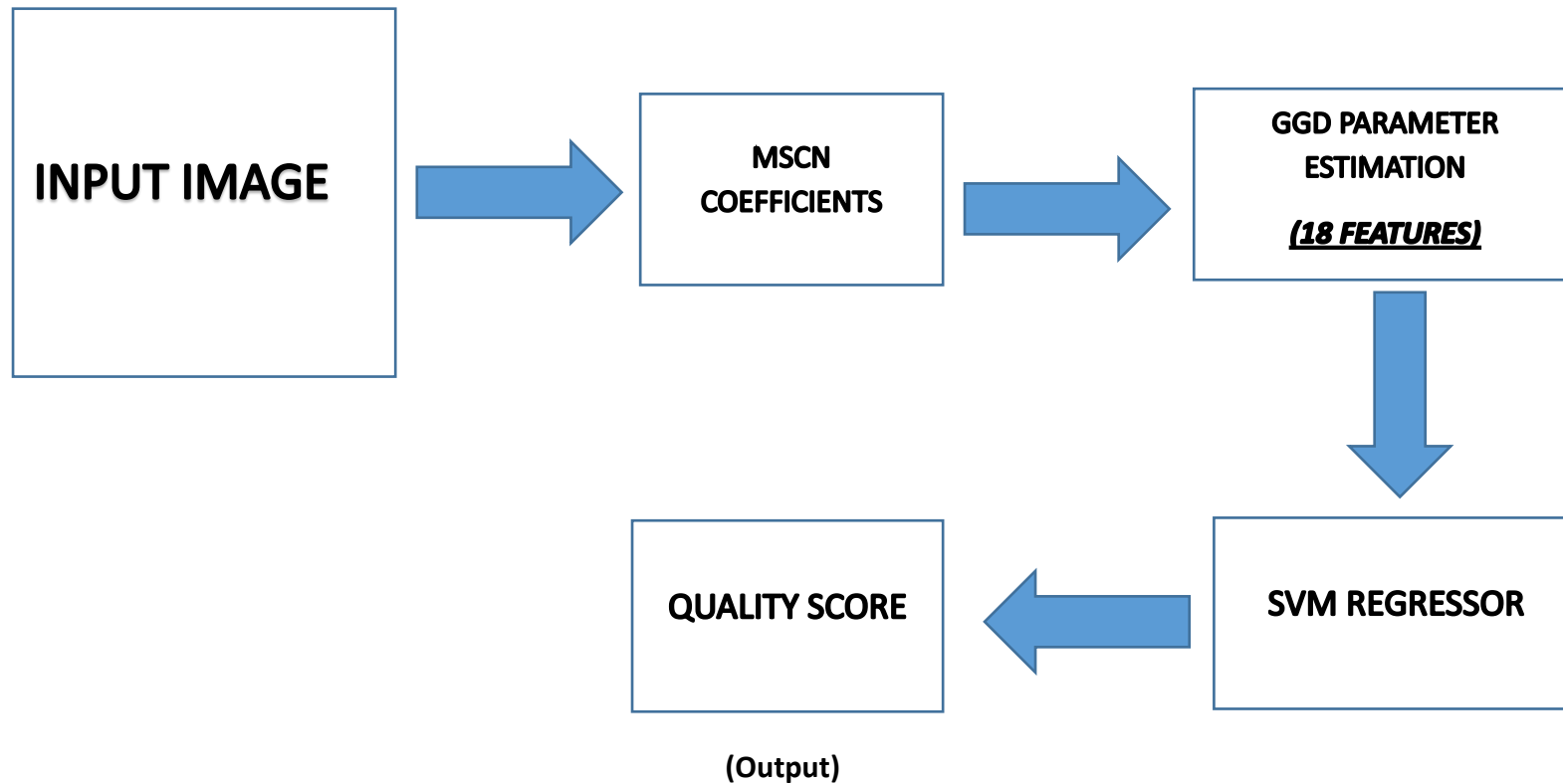# NATURAL SCENE STATISTICS

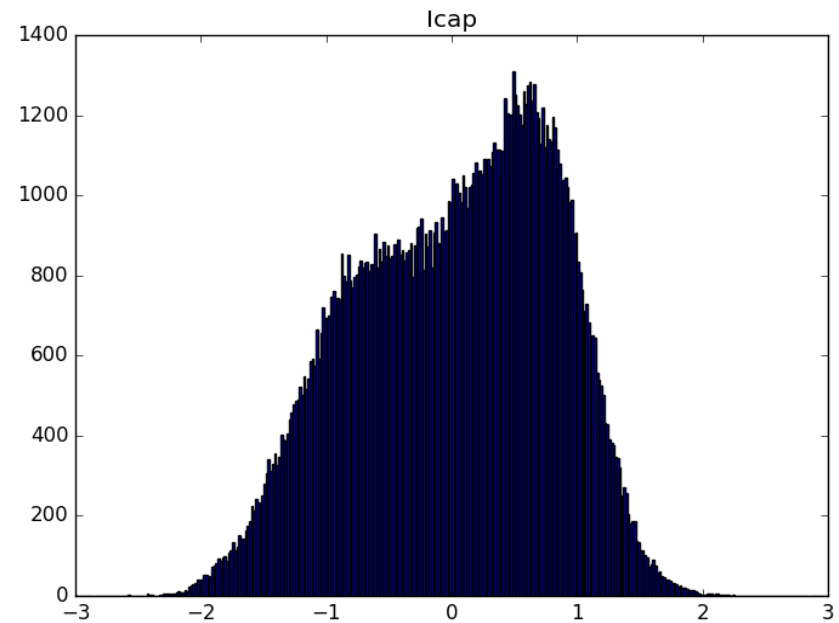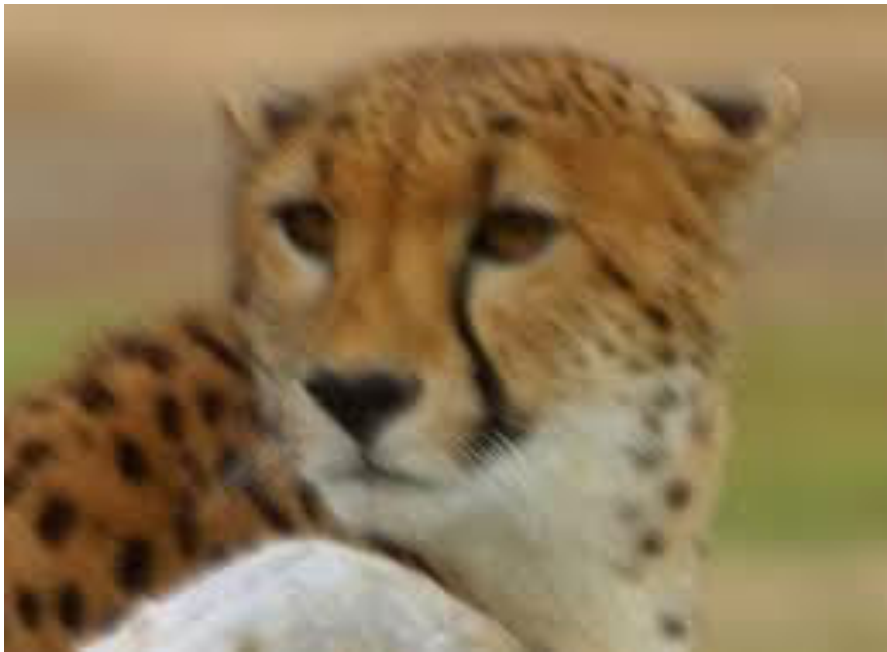INPUT IMAGE → MSCN COEFFICIENTS → GGD PARAMETER ESTIMATION **_(18 FEATURES)_** → SVM REGRESSOR → QUALITY SCORE
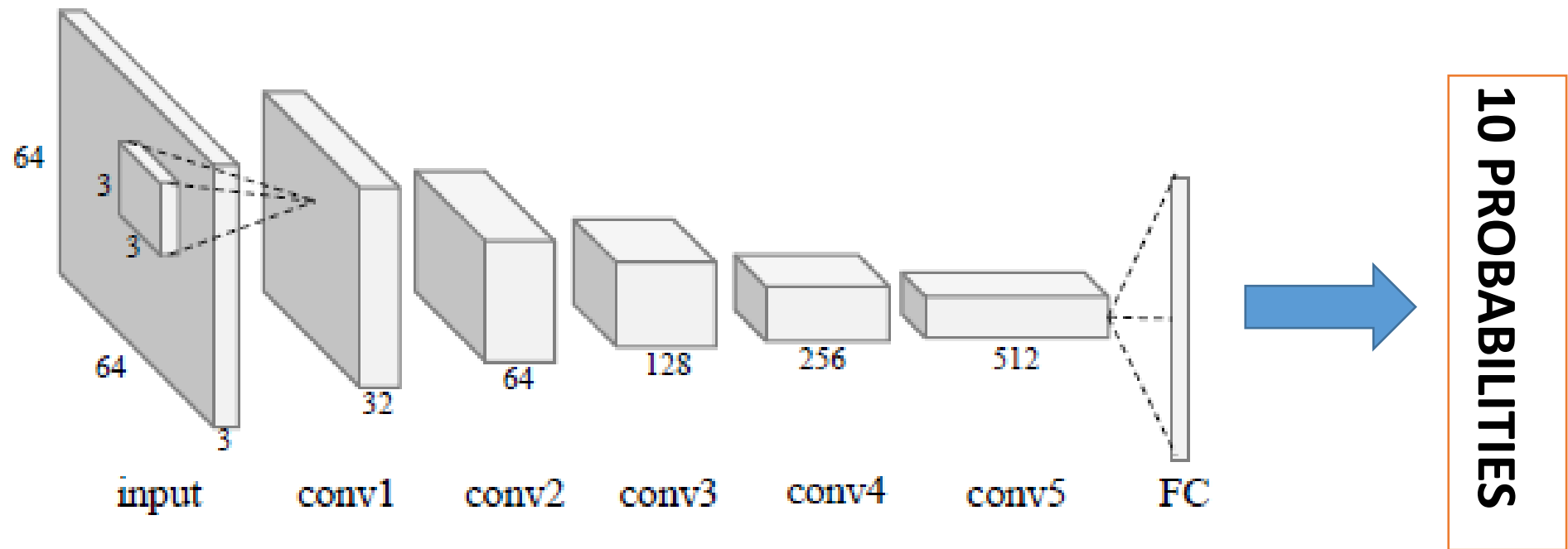
(Output)

PRISTINE IMAGE
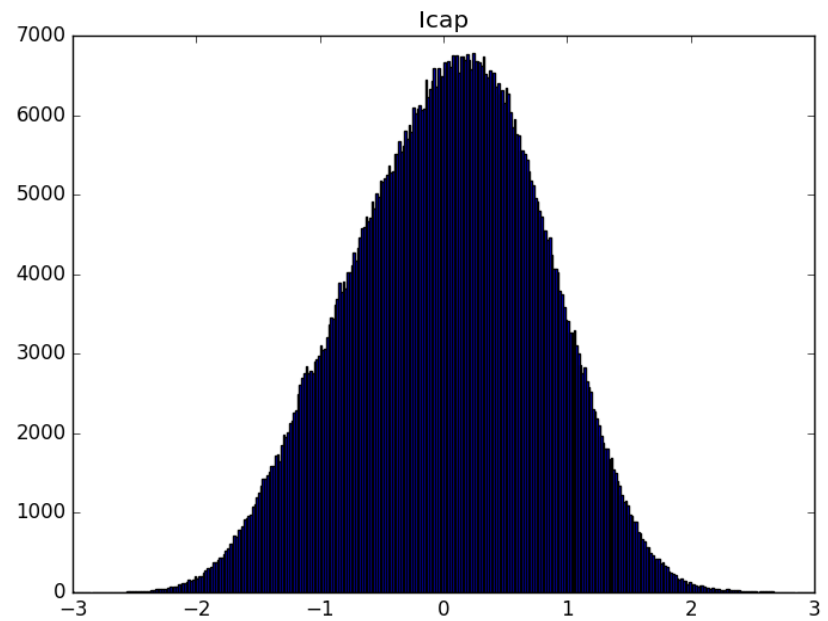
DISTORTED IMAGE

CONVOLUTIONAL NEURAL NETWORK

BLIND IMAGE QUALITY ASSESSMENT
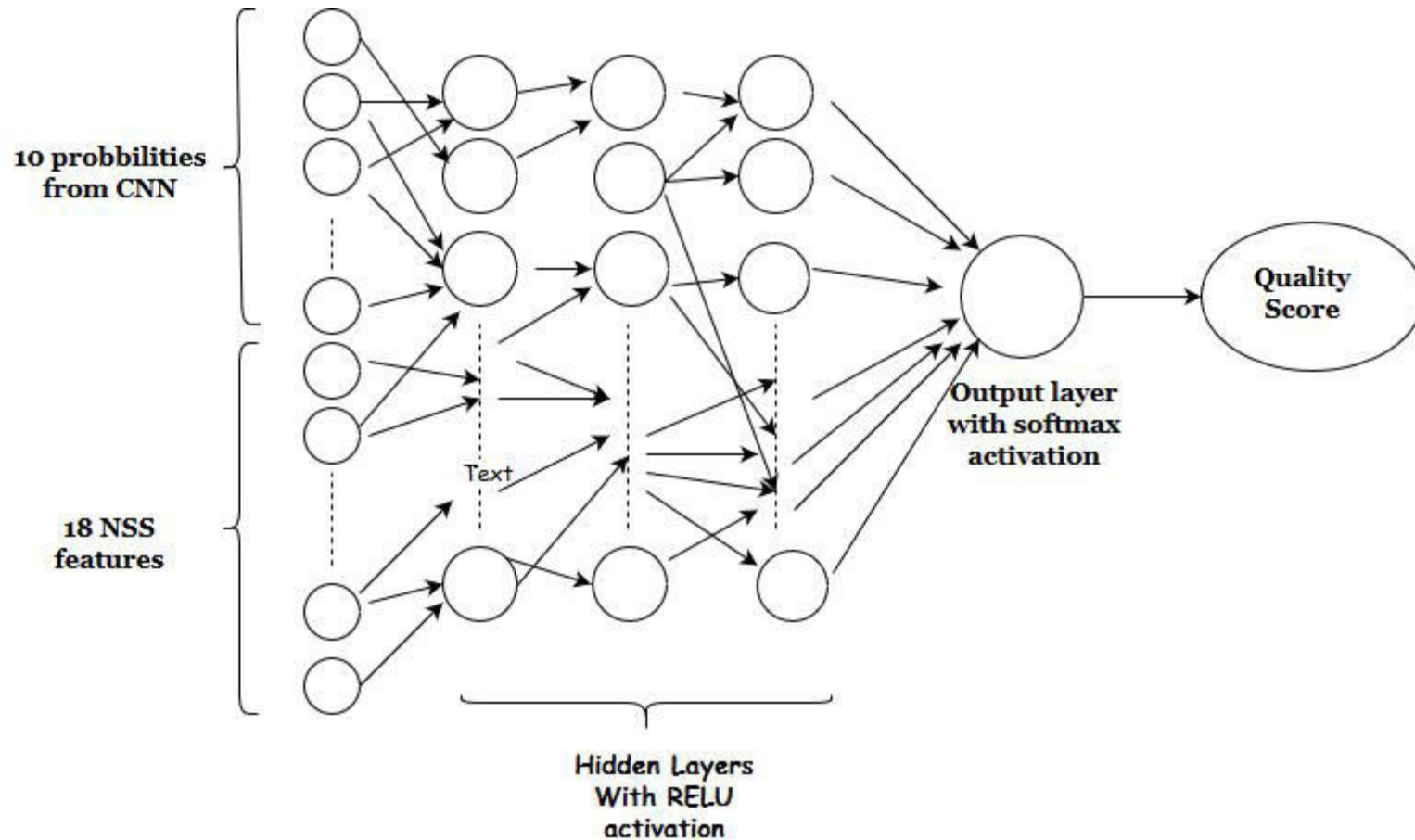
DR. SNEHASIS MUKHARJEE

V. SANTOSH KUMAR   **J. ARAVIND BABU**   **B. SUNIL KUMAR**
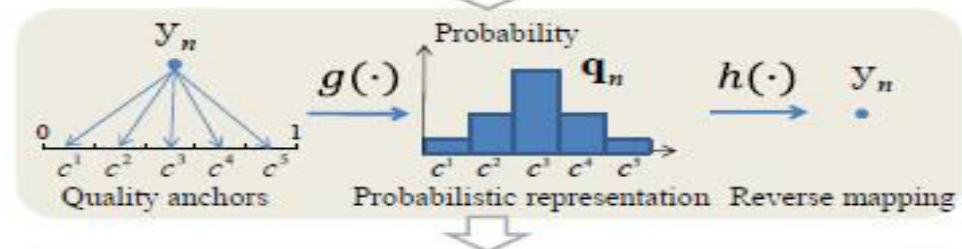
PROPOSED REGRESSION MODEL

TRAINING CNN