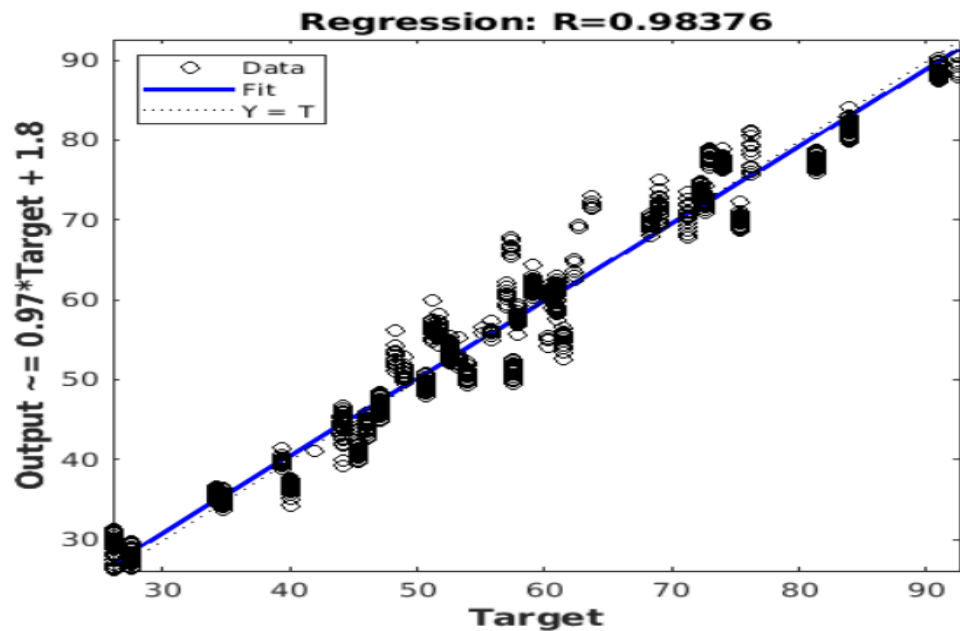# Knowledge workers mental workload prediction using optimised ELANFIS

Research Paper - https://drive.google.com/file/d/1V4ibh063PpeuK-HjUXKoXoX_QLzYyJtj/view?usp=sharing
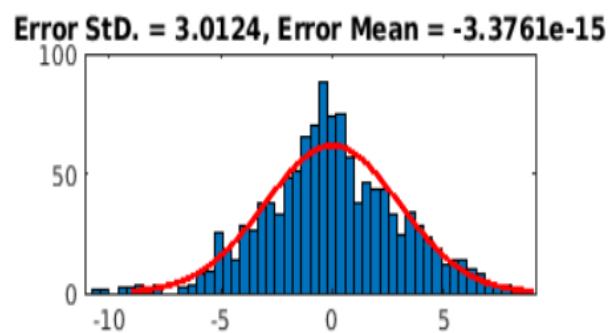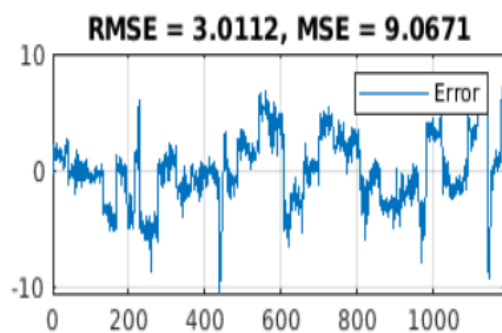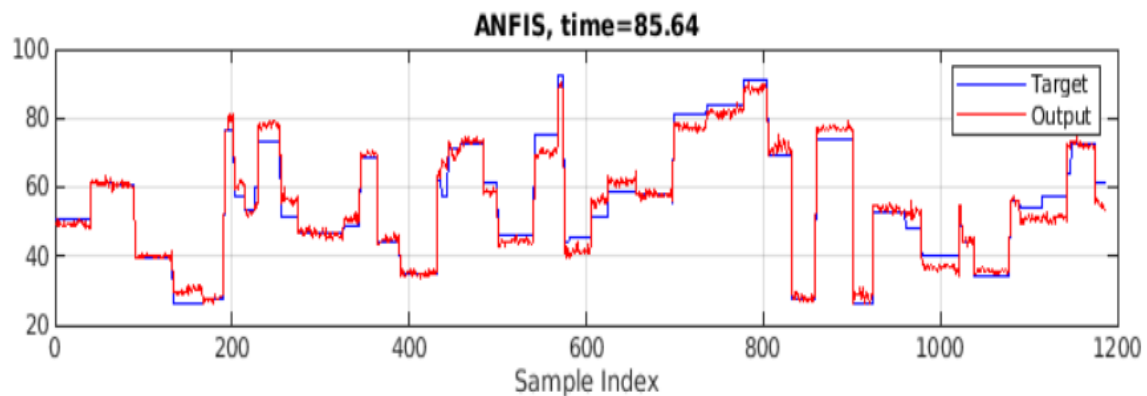
Code - https://github.com/KaustubhShirsath/Workload-Prediction-by-Optimized-ELANFIS.git

by – Kaustubh Shirsath.

1. ANFIS -

Result -

2. ELANFIS -

Result -

Regression: R=0.98376

ELANFIS, time=0.34

RMSE = 3.0112, MSE = 9.0671
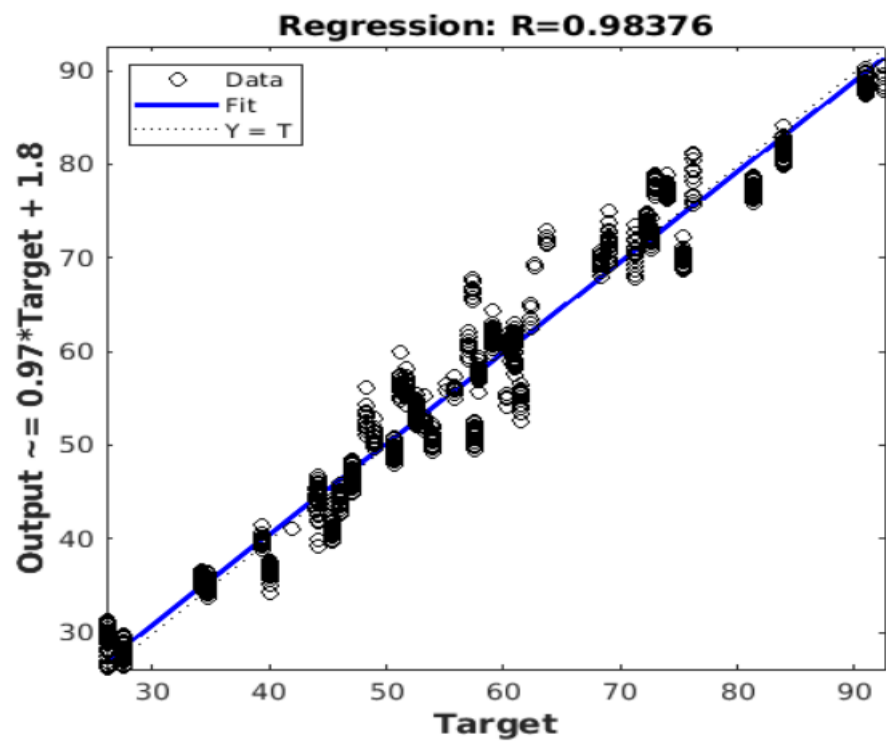
Error StD. = 3.0124, Error Mean = 4.4182e-13
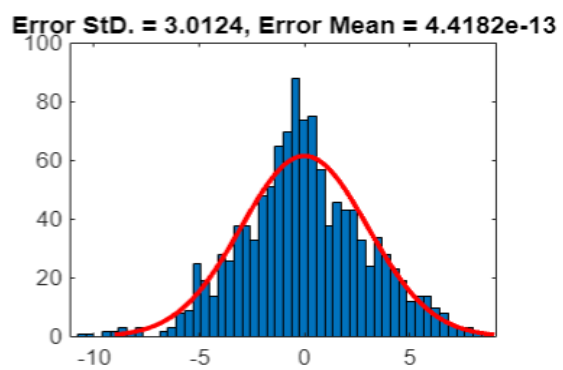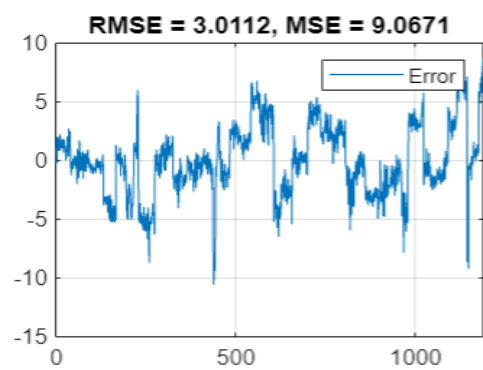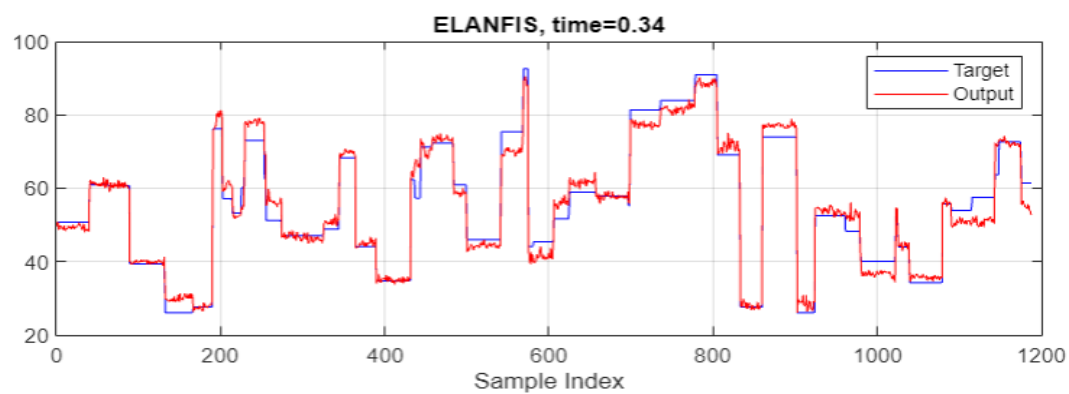
3. ELANFIS Optimized with PSO -

Result –

Regression: R=0.99313

ELANFIS-PSO, time=104.01

RMSE = 1.9634, MSE = 3.8548 Error StD. = 1.9642, Error Mean = 4.8242e-07
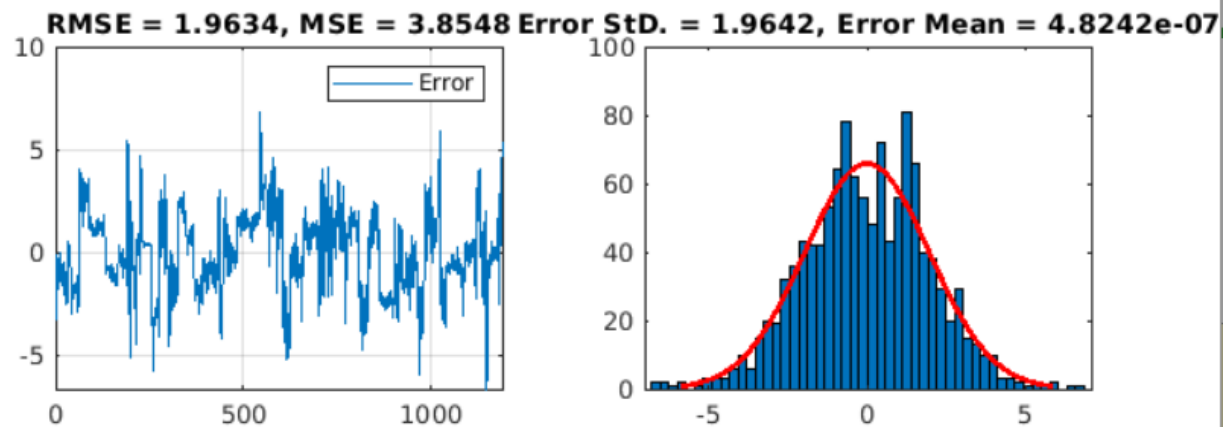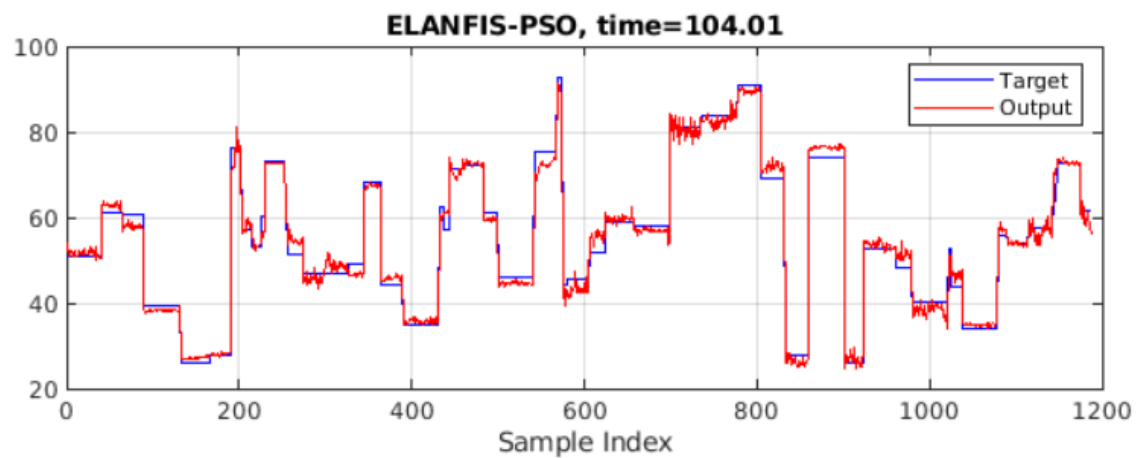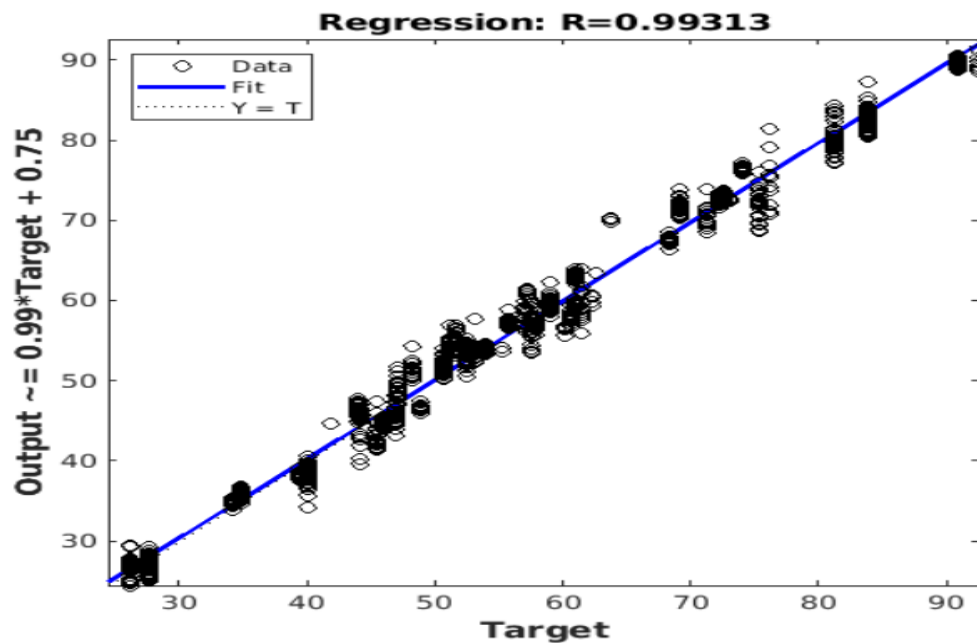
4. __ELANFIS Optimized with Modified Micro Genetic Algorithm -__

__Result –__