

The Institution of Engineers (India)
Silchar Local Centre

TECHNICAL ACTIVITY REPORT

Lecture Meeting on
Computer Engineering in Medical Diagnosis using Artificial intelligence and Machine
Learning
22nd February 2020 at 7 pm

Dr. Saroj Kumar Biswas, Asstt. Prof., Deptt. of CSE, NIT, Silchar delivered a lecture on the topic “Computer Engineering in Medical Diagnosis using Artificial intelligence and Machine Learning” on 22nd February 2020 at 7 pm at The Institution of Engineers (India), Silchar Local Centre. Er. Gautam Dutta Choudhury, Chairman of the Centre welcomed Er. Saroj Kumar Biswas, & other members present.

Er. Saroj Kumar Biswas emphasised that Artificial Intelligence and Machine Learning are being used in every field of engineering from robot to drone and in the bio-medical engineering. It is also used in the medical field like detection of diabetes, heart disease etc. Image of the retina of the patient is taken and some parameters are measured by computer engineering technique like Image Processing. He stressed that their research work show that BMI (Body Mass Index) of the patient is the most responsible feature for diabetes patient. This way we can utilize the computer engineering in medical field.

After his deliberation Er. Biswajit Purkayastha, MIE, Hony. Secretary offered vote of thanks. The meeting was ended with National Anthem.

