

TEQIP III Sponsored Workshop

on

INTRODUCTION TO BIOMECHANICS

(26th & 27th September, 2019)

Organized by:

**Department of Mechanical Engineering and Industrial and Production Engineering
Assam Engineering College
Jalukbari, Guwahati- 781013 (Assam)**

In association with:

PSG College of Technology Coimbatore- 641004 (Tamil Nadu)

The workshop was organized for the third year students of the courses B.Tech (Mechanical Engineering) and B. Tech (Industrial and Production Engineering). The total number of participants in the workshop was sixty nine (69). The resource person for the event was Mrs. Kanchana J (Professor, Mechanical Engineering, PSG College of Technology). The workshop had four sessions. In the first session the speaker introduced the participants to biologically inspired methods of optimization (Binary coded genetic algorithm). In the second session these methods were elaborated with the mention of recent advancements. The participants were also provided with some tutorials for better understanding of the topic. On the second day behavior inspired optimization techniques such as particle swarm and ant colony optimization were discussed. Tutorials on these topics were given to the participants for practice. Feedback of the participants was taken to understand the effectiveness of the workshop. These topics though not covered in the present syllabus of the courses are very relevant considering the applications in industry and research. In addition to this, the speaker also gave a presentation on the PSG group of institutions. The speaker also discussed about opportunities available to undergraduate students for undergoing summer school in foreign universities and promised to provide necessary guidance and support to AEC in this regard.

(PIYUSH SINGH)

Event Coordinator

(ANIRBAN SAHA)

Event Coordinator

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PHOTOGRAPHS OF THE WORKSHOP





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CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

HAS PARTICIPATED IN THE TWO DAYS WORKSHOP ON “*INTRODUCTION TO BIOMECHANICS*”
DURING 26TH & 27TH SEPTEMBER 2019.

Course Coordinator(s)

**Coordinator, TEQIP III
AEC Guwahati**

**Head, Dept. of ME & IPE
AEC Guwahati**