



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act. No.:20 of 2007)

Date: 20-06-2016

CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Tue, Jun 21, 2016 3:30 PM - 4:30 PM IST.

Virtual Academy: Application Of Bio Inspired Algorithms in the field of Optimization;
Krishanu Kundu

Tue, Jun 21, 2016 3:30 PM - 4:30 PM IST

Registration URL: <https://attendee.gotowebinar.com/register/2185773415156186628>

Description:

Stochastic techniques which have taken inspiration from Nature are called Nature Based Search Algorithms (NBSA). They make few or no assumptions about the problem being optimized and can search very large spaces of candidate solutions. They can work efficiently even when the number of variables are large i.e., the solution space is large and multi-dimensional.

NBSA use population based random solutions, which are scored based upon their fitness to the desired solution and then are improved in the future by exploiting the previous solution which performed the best. At each moment in time a random population of potential optimal solutions is created and fitness to the desired solution is evaluated to direct the algorithm towards the optimal solution.

Presenter:

Krishanu Kundu

Asst. Prof, Department Of Electrical & Electronics Engineering,
Dronacharya College Of Engineering, Gurgaon

Sd/-
Registrar (I/c)