



Shri Ramswaroop Memorial University

Lucknow-Deva Road, Barabanki-225003 (INDIA)

Institute of Technology

Department of Computer Application

Webinar Report

(SRMU/CA/Report/2019-20/ , 12th May,2020)

A Webinar was conducted on “**Evolutionary Computing**”, 12th May, 2020 by the Department of Computer Application at Zoom for students of **DCA**.

1. The webinar was given on topic “**Evolutionary Computing**”, by the speaker **Dr.Anurag Singh Baghel, Head of Computer Engineering, Gautam Budh University, Noida.**
2. Program was coordinated by Dr. Promila Bahadur, Asstt. Professor (DCA) and Mr.Kshitiz Srivastava Asstt. Professor (DCA).
3. Lecture was on the role of Evolutionary Computing. The role of algorithms, good reproduction mechanism including redundancy was highlighted. Further, stats was presented to prove the efficiency of the same. Advantage and disadvantage of Evolutionary Computing was also discussed.
4. Attendees of the lecture were impressed with the high quality contents and impressive delivery.
5. This lecture proved good, 329 students and faculties of DCA attended the lecture during session 2:00PM -4:00 PM. Finally, lecture successfully completed as per given schedule

Recording

You are viewing Anurag Singh Baghel's screen

View Options

Evolutionary Computations

ECs – Introduction Cont...

- Algorithm terminates if objective is... it has become too long a search
- Appropriate representation is most...
- Good reproduction mechanism is necessary for efficient exploration of search space.
- Redundancy in representation (Competing conventions) and generation of infeasible solutions waste computation.

Activate Windows
Go to Settings to activate Windows.

Anurag Singh Baghel

Kamal Soni

Kshitiz Srivastava

Abhishek Singh

Ikshvaku Dwivedi

Jugdish Maurya

Evolutionary Computations

Example 1: C

Ind No.	Int Pop	Xor S			
1	100 . 110				
4	101 . 010				
1	100 . 110				
4	101 . 010	3	100 010	28	1192
4	101 0.10		101 110	46	2162
6	010 1.11	4	101 011	43	1892
			010 110	22	506
MAX				46	2162
SUM				225	9102
AVG				37.50	1517

Evolutionary Computations

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FGWIC

Dr.Promila Bahadur

Ms. Anshita Rai

Dr. Bineet Kumar Gupta

Head DCA



SHRI RAMSWAROOP MEMORIAL UNIVERSITY
National Webinar
On
Evolutionary Computing

KEY SPEAKER



Dr. Anurag Singh Baghel

Head of Computer Engineering
Gautam Budh University,
Gautam Budh Nagar,
Greater Noida,
Uttar Pradesh

ORGANIZING COMMITTEE

Dr. Promila Bahadur
Assistant Professor.

Mr. Kshitiz Srivastava
Assistant Professor.



MODE

Date: 12-5-2020

Timing: 1:30 PM to 2:30 PM

Mode: Zoom Meeting/ Youtube
Live

REGISTRATION

Registration: All the participants
are requested to register by filling
up the following google form.

Google Form: [https://forms.gle/
ZNfACxEEWrYtLoE8](https://forms.gle/ZNfACxEEWrYtLoE8)

E-Certificates will be provided

Organized by

Department of Computer Application
(Institute of Technology)

Chairman

Prof. (Dr.) Niraj Gupta
Director, Institute of Technology

Convener

Dr. Bineet Kumar Gupta
Head of department
(Department of Computer Application)

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