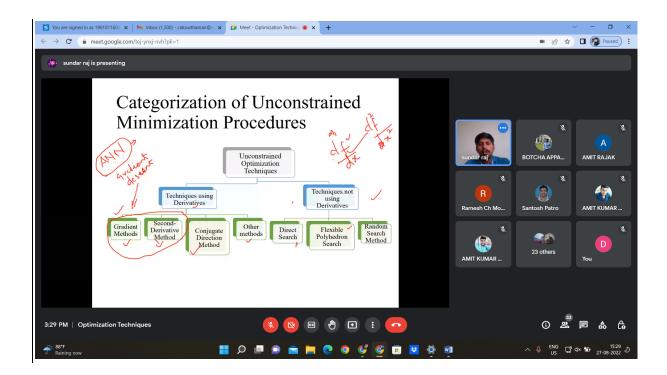




Name of the Event	: Optimization Techniques – A Real Time Approach
Date of the event	: 27 <sup>st</sup> August 2022
Name of Mentor	: Dr. C.N. Kowthaman
No. of attendees	: 22
Mode of the workshop	: Online (Zoom) and Offline

Centurion University of Technology and Management, Odisha conducted a webinar on the topic "Optimization Techniques – A Real Time Approach" on 27th August 2022. Around 50 participants including faculty and students attended. The expert discussed the basics of Optimization techniques and explained how optimization techniques are different from machine learning techniques. He also briefed with different techniques using real time examples. The webinar was coordinated by Dr. C.N. Kowthaman and supervised by Dr. Sujith Mishra. The webinar started with the introduction of experts by Dr. C.N. Kowthaman. After preceding the expert, the expert thanked the department of mechanical engineering for this opportunity. He explained what optimization is and how it is used. He briefed about constrained and not constrained techniques and other techniques such as ANN, particle swarm optimization, ant colony algorithm etc. he cleared all the doubts raised by the faculties and students. In Particular, Dr. Mohanty was very impressed by the webinar and he interacted with his doubts and cleared them. He also requested the expert to give two day workshop on machine learning and other techniques.



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Dr. Sundar Rengasamy is currently working as an Assistant Professor in IT systems and Analytics at Indian Institute of Management (IIM) Jammu. Before joining IIM Jammu, he worked as an Assistant Professor at GITAM School of Business Bengaluru. He received his Doctoral degree in Machine Learning from National Institute of Technology, Tiruchirappalli. He also holds an M.E. degree in Industrial Engineering from College of Engineering Guindy, Chennai. He was awarded a silver medal for obtaining the second highest CGPA in M.E.

## **Expert profile:**

## List of participants

1	Dr. Ashish Ranjan Dash
2	Dr. Trilochan Penthia
3	Nanda Kishore Ray
4	Mr. Satyanarayan Padhy
5	Mr. Rajesh Kumar Misra
6	Ms. N. Jeevaratnam
7	Dr. Prafulla Kumar Panda
8	Mr. Vignesh M.
9	Dr. Rajib Kumar Majhi
10	Dr. P. Srinivasa Rao
11	Mr. Mir Sadat Ali
12	Dr. Sujit Mishra
13	Dr. Santosh Patro
14	Dr. Nagesh Kolagani
15	Dr. Dhawaleswar Rao CH

16	Mr. Debendra Maharana
17	Mr. Md. Sameen Chishts
18	Mr. Abinas Panda
19	Santosh Patro
20	Amit Rajak
21	Amit Kumar
22	Ramesh Ch. Mohapatro

Paren

Dr. Prasanta Ku. Mohanty Dean Academic