

## A Webinar Invitation

Government Engineering College,  
Rajkot, Gujarat



Computer Engineering Department  
is organizing a Webinar on,

## Deep Learning Applications

### Invited Speaker



Dr. Rohit Thanki

R&D Head & AI Scientist,  
Prognica Labs, Dubai, UAE.

### Date & Time

31<sup>st</sup> July, 2021, 02:00 PM onwards

### Platform

Microsoft Teams

## Organizing Committee

Prof. (Dr.) C. H. Vithlani  
Principal

Prof. (Dr.) C. S. Thaker  
Head of the Department-Computer Engineering  
Head-Special Initiatives at Institute

Supercomputer Facility Team:

Convener  
Dr. H. K. Molia, Assistant Professor

Members  
Prof. S.R.Kotecha, Assistant Professor  
Prof. R.J.Khimani, Assistant Professor

## About the Expert

**Dr. Rohit Thanki** is a computer vision expert and AI researcher with more than 8 years of research and development experience in areas of computer vision, artificial intelligence, medical image analysis & security and biometrics including more than 3 years of academic experience in various engineering institutions in India. Presently, he is working as a head of research & development, Prognica Labs Tech FZCO, Dubai, UAE. Also, he is associated as a software consultant for Ennoventure Technologies Private Limited, Bengaluru, India. He earned his bachelors in electronics & communication, master's in communication engineering and a doctorate degree in electronics & communication with a specialization in digital image processing and biometric security. His areas of research interest are medical image analysis, artificial intelligence, machine learning, deep learning, digital watermarking, biometric security, compressive sensing, and signal processing. He has more than 40 publications in his credit and has published in reputed journals with high impact factor and international conferences indexing in Scopus / SCIE / WOS. Also, He has authored and contributed more than 20 books with reputed publishers, i.e., Springer, CRC press, Elsevier, De Gruyter, and IGI Global. He has been invited as reviewer in various reputed journals such as IEEE Transactions on Audio, Speech and Natural Language Processing, ACM Transactions on Multimedia Computing, Communications and Applications, IEEE Consumer Electronics Magazine, IEEE Access, IEEE Journal of Biomedical and Health Informatics, Signal Processing: Image Communication, Pattern Recognition, Computers and Electrical Engineering, Informatics in Medicine, Journal of Ambient Intelligence and Humanized Computing, IET Biometrics, and IET Image Processing.

## PARAM Shavak – Supercomputer Facility

GUJCOST has setup a Supercomputer facility – PARAM Shavak, at Computer Engineering Department of Government Engineering College-Rajkot in December 2017.

To contribute to the research and development of India, C-DAC has developed a low cost and an energy efficient solution, which is as good as a supercomputer in a box namely – PARAM Shavak DL (Deep Learning) GPU. PARAM Shavak DL GPU, has been equipped with advanced technologies to perform the high-end computations for the scientific, engineering and academic community.

The available software resources are:

- (1) Frameworks:  
Torch 7, Caffe, TensorFlow, Keras, MXNet, Theano, Paddle
- (2) Performance Libraries:  
CUDA Toolkit, cuDNN, cuSparse, cuBLAS, TensorRT
- (3) Visualization Tools:  
DIGITS, TensorBoard

## Registration

This event is free for the faculties, students, and industry professionals of all engineering disciplines and computer science.

E-certificates will be provided to all the participants.

Registration Link:

<https://forms.gle/qMUzYG2vZVjKmHkW8>

Last Date of Registration: 28<sup>th</sup> July, 2021

Contact Us at [paramshavak@gecrajkot.ac.in](mailto:paramshavak@gecrajkot.ac.in)