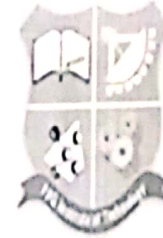


IEEE XPLORE ISBN : 978-1-7281-5371-1



## CERTIFICATE OF PRESENTATION

This is to Certify that

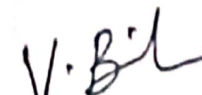
*Prof. Vijaya Kamble*


has successfully presented a paper entitled

*Big Data Analysis using Hadoop Cluster MapReduce Environment*

in the **5th International Conference on Communication and Electronics System (ICCES 2020)** organised by PPG Institute of Technology, Coimbatore, Tamil Nadu, India during 10-12, June 2020.

  
SESSION CHAIR

  
CONFERENCE CHAIR  
Dr. V. Bindhu

  
PRINCIPAL  
Dr. R. Prakasam

Principal  
Guru Nanak Institute of Engineering &  
Technology Nanded - 441501



# CERTIFICATE OF PRESENTATION

This is to certify that

**Prof. Vijaya Kamble**

has successfully presented a paper entitled

***An Analytical Approach towards Object Motion Detection and Tracking form Video***

in the **4<sup>th</sup> International Conference on Trends in Electronics and Informatics (ICOEI 2020)** organised by

SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India during 15-17, June 2020.

*Jeeva*  
SESSION CHAIR

Dr. I. Jeena Jacob

ORGANIZING SECRETARY

CONFERENCE CHAIR

Dr. P. Ebby Damey

Principal  
Suru Nanak Institute of Engineering & Technology  
Chennai - 441501

*P. Ebby Damey*

# CERTIFICATE OF PRESENTATION

This is to certify that

**Prof. Vijaya Kamble**

has successfully presented a paper entitled

***Diseases Prediction based on Machine Learning***

in the 4<sup>th</sup> International Conference on Trends in Electronics and Informatics (ICOEI 2020) organised by

SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India during 15-17, June 2020.

*Jeyanth*  
SESSION CHAIR

*Jeyanth*  
ORGANIZING SECRETARY

ORGANIZING SECRETARY

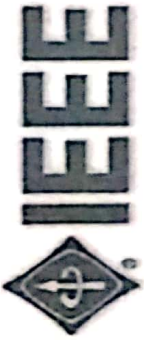
Dr. I. Jeena Jacob

*Jeyanth*  
Principal  
Guru Nanak Institute of Engineering & Technology  
Tirunelveli, Nagpur - 441501

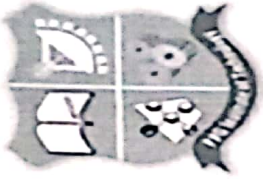
CONFERENCE CHAIR

Dr. P. Ebby Damey





IEEE XPLORE ISBN : 978-1-7281-5371-1



## CERTIFICATE OF PRESENTATION

This is to Certify that

*Prof. Kalpana Malpe*

has successfully presented a paper entitled

*Detection of Diabetes Based on Diabetic Retinopathy using Image Processing*

in the 5th International Conference on Communication and Electronics System (ICCES 2020) organised by PPG Institute of Technology, Coimbatore, Tamil Nadu, India during 10-12, June 2020.

*Dr. V. Bindhu*  
SESSION CHAIR

*Dr. V. Bindhu*  
CONFERENCE CHAIR  
Dr. V. Bindhu

*Dr. R. Prakasham*  
PRINCIPAL  
Principal  
Sri Mata Nalini Institute of Engineering & Technology  
Nagpur-441501  
Dr. R. Prakasham