



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY  
&  
KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

No. : 257

Date: 17/02/2019

## CERTIFICATE OF PARTICIPATION

This is to certify that .....**JACOB SABU**..... of  
.....**MODEL ENGINEERING COLLEGE , THRIKAKARA**..... has  
presented a research paper titled .....**HARDWARE IMPLEMENTATION OF IMAGE COMPRESSION USING**.....  
.....**RIPPLET TRANSFORM.**.....

in the 4<sup>th</sup> KERALA TECHNOLOGICAL CONGRESS - KETCON of KTU TECHFEST 2019 jointly organised  
by APJ Abdul Kalam Technological University and Kerala State Council for Science, Technology and  
Environment, hosted by Government Engineering College Trichur during 15-17 February 2019.

Dr. Usha Titus IAS  
Vice Chancellor,  
APJ Abdul Kalam  
Technological University,  
Kerala.

Dr. Vrinda V Nair  
Dean Research,  
APJ Abdul Kalam  
Technological University,  
Kerala.

Dr. Jayanand B.  
Principal,  
Government  
Engineering College  
Trichur.



**KTU TECHFEST 2019**