



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET17362, entitled*

*Enhanced ATM Security System With Automatic Abnormal Event Detection And Alert  
System to Reduce Banking Cost*

*by*

*Bhavani. H. M*

*after review is found suitable and has been published in  
Volume 6, Issue V, May 2018  
in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

J<sup>o</sup>urnal  
ISRA  
J<sup>o</sup>urnal  
Impact  
Factor: 7.429

45.98  
INDEX COPERNICUS

THOMSON REUTERS  
Researcher ID: N-9681-2016

doi 10.22214/iJRASET  
cross ref

Scopus  
TOGETHER WE REACH THE GOAL  
SJIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET17362, entitled*

*Enhanced ATM Security System With Automatic Abnormal Event Detection And Alert  
System to Reduce Banking Cost  
by  
Chaithra. M*

*after review is found suitable and has been published in*

*Volume 6, Issue V, May 2018*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology*

*(International Peer Reviewed and Refereed Journal)*

*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

J<sup>o</sup>SRA  
I  
F

ISRA Journal Impact  
Factor: 7.429

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016

TOGETHER WE REACH THE GOAL  
SJRIF 7.429



ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET17362, entitled*

*Enhanced ATM Security System With Automatic Abnormal Event Detection And Alert  
System to Reduce Banking Cost  
by  
Pavithra. P*

*after review is found suitable and has been published in*

*Volume 6, Issue V, May 2018*

*in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

J<sup>o</sup>SRA  
I  
F

ISRA Journal Impact  
Factor: 7.429





ISSN No. : 2321-9653

# iJRASET

International Journal for Research in Applied  
Science & Engineering Technology

iJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : [www.ijraset.com](http://www.ijraset.com), E-mail : [ijraset@gmail.com](mailto:ijraset@gmail.com)

## Certificate

*It is here by certified that the paper ID : IJRASET17362, entitled*

*Enhanced ATM Security System With Automatic Abnormal Event Detection And Alert  
System to Reduce Banking Cost*

*by*

*Sowmya. B. J*

*after review is found suitable and has been published in  
Volume 6, Issue V, May 2018  
in*

*International Journal for Research in Applied Science &  
Engineering Technology  
(International Peer Reviewed and Refereed Journal)  
Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, iJRASET

 ISRA

ISRA Journal Impact  
Factor: 7.429



45.98

INDEX COPERNICUS



THOMSON REUTERS  
Researcher ID: N-9681-2016



TOGETHER WE REACH THE GOAL  
SJIF 7.429