



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by *“Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use”* has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: *Pedro Cruz Alcantar*  
Journal Name: *International Journal of Engineering Research and Applications (IJERA)*  
Journal Web: *www.ijera.com*  
Journal Type: *Online & Print (Both)*  
Review Type: *Peer Review Refereed*  
ISSN: *2248-9622*  
Vol No.: *14*  
Issue No.: *01*  
Publication Month: *January*  
Publication Year: *2024*



*Editor-In-Chief*  
*International Journal of Engineering Research and Applications (IJERA)*  
*E-mail ID: ijera.editor@gmail.com*  
*Web: www.ijera.com*



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by “*Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use*” has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Isaac Compeán Martinez  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by “*Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use*” has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Horacio Bautista Santos  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by *“Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use”* has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Rafael Figueroa Díaz  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by *“Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use”* has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Ambrocio Loredo Flores  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by *“Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use”* has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Héctor Arturo Álvarez Macias  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**



# International Journal of Engineering Research and Applications (IJERA)

## CERTIFICATE

It is certify that the paper entitled by “*Design, Construction, and Evaluation of a Reverse Cycle Machine for Educational Use*” has been published in International Journal of Engineering Research and Applications (IJERA).

### **Your article has been published with following details:**

Author's Name: Josefa Morales Morales  
Journal Name: International Journal of Engineering Research and Applications (IJERA)  
Journal Web: [www.ijera.com](http://www.ijera.com)  
Journal Type: Online & Print (Both)  
Review Type: Peer Review Refereed  
ISSN: 2248-9622  
Vol No.: 14  
Issue No.: 01  
Publication Month: January  
Publication Year: 2024



**Editor-In-Chief**  
**International Journal of Engineering Research and Applications (IJERA)**  
**E-mail ID: [ijera.editor@gmail.com](mailto:ijera.editor@gmail.com)**  
**Web: [www.ijera.com](http://www.ijera.com)**