



# *Certificate of Publication*



This is to confirm that

**Nguyen Anh Dung**

Published following article

Analysis and simulation of the influence of computational loads  
and structural parameters on the optimal dimensions of the main  
girder of a double-girder box-type crane

Volume 12, Issue 12, pp: 334-339

[www.ijres.org](http://www.ijres.org)

**A Peer Reviewed referred Journal**

**Impact Factor : 7.52**

**International Journal of Research in Engineering and  
Science (IJRES)**

**ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.**

**Editor-In-Chief**



# *Certificate of Publication*



This is to confirm that

**Le Dang Ha**

Published following article

Analysis and simulation of the influence of computational loads  
and structural parameters on the optimal dimensions of the main  
girder of a double-girder box-type crane

Volume 12, Issue 12, pp: 334-339

[www.ijres.org](http://www.ijres.org)

**A Peer Reviewed referred Journal**

**Impact Factor : 7.52**

**International Journal of Research in Engineering and  
Science (IJRES)**

**ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.**

**Editor-In-Chief**



# *Certificate of Publication*



This is to confirm that

**Nguyen Truong Giang**

Published following article

Analysis and simulation of the influence of computational loads  
and structural parameters on the optimal dimensions of the main  
girder of a double-girder box-type crane

Volume 12, Issue 12, pp: 334-339

[www.ijres.org](http://www.ijres.org)

**A Peer Reviewed referred Journal**

**Impact Factor : 7.52**

**International Journal of Research in Engineering and  
Science (IJRES)**

**ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.**

**Editor-In-Chief**



# *Certificate of Publication*



This is to confirm that

**Nguyen Duc Cuong**

Published following article

Analysis and simulation of the influence of computational loads  
and structural parameters on the optimal dimensions of the main  
girder of a double-girder box-type crane

Volume 12, Issue 12, pp: 334-339

[www.ijres.org](http://www.ijres.org)

**A Peer Reviewed referred Journal**

**Impact Factor : 7.52**

**International Journal of Research in Engineering and  
Science (IJRES)**

**ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.**

**Editor-In-Chief**