



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, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET42165, entitled
Experimental Study on Bubble Deck Beam Using HDPE Balls*

by

Suraj B. Kolge

after review is found suitable and has been published in

Volume 10, Issue V, May 2022

in

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

Good luck for your future endeavors

By 

Editor in Chief, IJRASET



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



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, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET42165, entitled
Experimental Study on Bubble Deck Beam Using HDPE Balls*

by

Nilesh M. Yelave

after review is found suitable and has been published in

Volume 10, Issue V, May 2022

in

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

Good luck for your future endeavors

By [Signature]

Editor in Chief, IJRASET

ISRA
JIF

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



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, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET42165, entitled
Experimental Study on Bubble Deck Beam Using HDPE Balls*

by

Shraddha H. Dhaye

after review is found suitable and has been published in

Volume 10, Issue V, May 2022

in

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

Good luck for your future endeavors

By [Signature]

Editor in Chief, IJRASET

ISRA
JIF

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



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, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET42165, entitled
Experimental Study on Bubble Deck Beam Using HDPE Balls*

by

Twinkal N. Bagde

after review is found suitable and has been published in

Volume 10, Issue V, May 2022

in

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

Good luck for your future endeavors

By 

Editor in Chief, IJRASET



ISRA Journal Impact
Factor: **7.429**



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9681-2016



10.22214/IJRASET



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, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET42165, entitled
Experimental Study on Bubble Deck Beam Using HDPE Balls*

by

A. N. Humnabad

after review is found suitable and has been published in

Volume 10, Issue V, May 2022

in

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

Good luck for your future endeavors

By 

Editor in Chief, IJRASET

ISRA
JIF

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