



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
**Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students***

*by
Annie Jane M. Dimaano*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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



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 : IJRASET76216, entitled
Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students*

*by
Lee Hazel O. Fajilan*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
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
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students*

*by
Alfonso Miguel V. Veslino*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
**Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students***

*by
Joanne Marielle M. Gojo Cruz*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
**Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students***

*by
Johnrolf Marico R. Majait*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
**Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students***

*by
Paula F. Pacyaan*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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



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 : IJRASET76216, entitled
Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students*

*by
John Eros I. Villareal*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
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
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



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

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

*It is here by certified that the paper ID : IJRASET76216, entitled
**Enhancing Chemical Bonding Comprehension Through Visual AIDS Among First
Year Geodetic Engineering Students***

*by
Brlye A. Armeza*

*after review is found suitable and has been published in
Volume 13, Issue XII, December 2025
in*

By [Signature]

Editor in Chief, IJRASET

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