



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 : IJRASET36429, entitled*

*Replacement of Chemical Components in Energy Drinks Using Biological Alternatives*

*by*

*Guruprasad Bhandwale*

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

*Volume 9, Issue VII, July 2021*

*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



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 : IJRASET36429, entitled*

*Replacement of Chemical Components in Energy Drinks Using Biological Alternatives*

*by*

*Sourabh Pujari*

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

*Volume 9, Issue VII, July 2021*

*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

JISRA  
JIF

ISRA Journal 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 : IJRASET36429, entitled*

*Replacement of Chemical Components in Energy Drinks Using Biological Alternatives*

*by*

*Shantanu Deshpande*

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

*Volume 9, Issue VII, July 2021*

*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



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 : IJRASET36429, entitled*

*Replacement of Chemical Components in Energy Drinks Using Biological Alternatives*

*by*

*Vivek Mali*

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

*Volume 9, Issue VII, July 2021*

*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

**JISRA**  
JOURNAL  
IMPACT  
FACTOR

ISRA Journal Impact  
Factor: **7.429**



**45.98**  
INDEX COPERNICUS



**THOMSON REUTERS**  
Researcher ID: N-9681-2016



**doi** 10.22214/IJRASET  
**cross** ref



**SCOPUS**  
SCIENTIFIC JOURNAL IMPACT FACTOR  
TOGETHER WE REACH THE GOAL  
**SJIF 7.429**