



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 : IJRASET59774, entitled
Energy Efficient for Data Aggregation in Wireless Sensor Networks

by
Yash Verma

after review is found suitable and has been published in
Volume 12, Issue IV, April 2024
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
F

ISRA Journal Impact
Factor: **7.429**

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 : IJRASET59774, entitled
Energy Efficient for Data Aggregation in Wireless Sensor Networks

by

Inakshi Garg

after review is found suitable and has been published in
Volume 12, Issue IV, April 2024

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
F

ISRA Journal Impact
Factor: **7.429**



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9681-2016



doi 10.22214/IJRASET
cross **ref**



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 : IJRASET59774, entitled
Energy Efficient for Data Aggregation in Wireless Sensor Networks

by

Vyshnavi Mamidipelli

after review is found suitable and has been published in

Volume 12, Issue IV, April 2024

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
F

ISRA Journal Impact
Factor: **7.429**



INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9681-2016



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, E-mail : ijraset@gmail.com

Certificate

It is here by certified that the paper ID : IJRASET59774, entitled
Energy Efficient for Data Aggregation in Wireless Sensor Networks

by
Nivas Kumar

after review is found suitable and has been published in
Volume 12, Issue IV, April 2024

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
F

ISRA Journal Impact
Factor: **7.429**

INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9681-2016

10.22214/IJRASET



TOGETHER WE REACH THE GOAL
SJIF 7.429