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💡 Vidwan-ID : 354841

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 Personal Information
 Expertise Information
 Experience
 Education Qualification
 Honours and Awards
 Professional Bodies
 Patents
 Publications

 Academic



Orcid Id

0000-0002-1612-2024 (<http://www.orcid.org/0000-0002-1612-2024>)

Google Scholar Id



CdSfPgsAAAAJ (<http://scholar.google.co.in/citations?user=CdSfPgsAAAAJ>)



Vidwan Score

7.3



7



1

ARTICLES

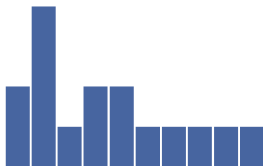
AWARDS

Dr. Chetan S

Assistant Professor

Dr Ambedkar Institute of Technology, Bengaluru

Publications 2012 - 2023



Publications

7

Journal Articles

9

Conference Proceedings

1

Awards

Citations / H-Index


 5
CITATIONS


 1
H-INDEX

 3
CITATIONS

Google Scholar

 Citation
11
Total | 3
(2018)

 H Index
2
Total | 1
(2018)

 i-10 Index
0
Total | 0
(2018)

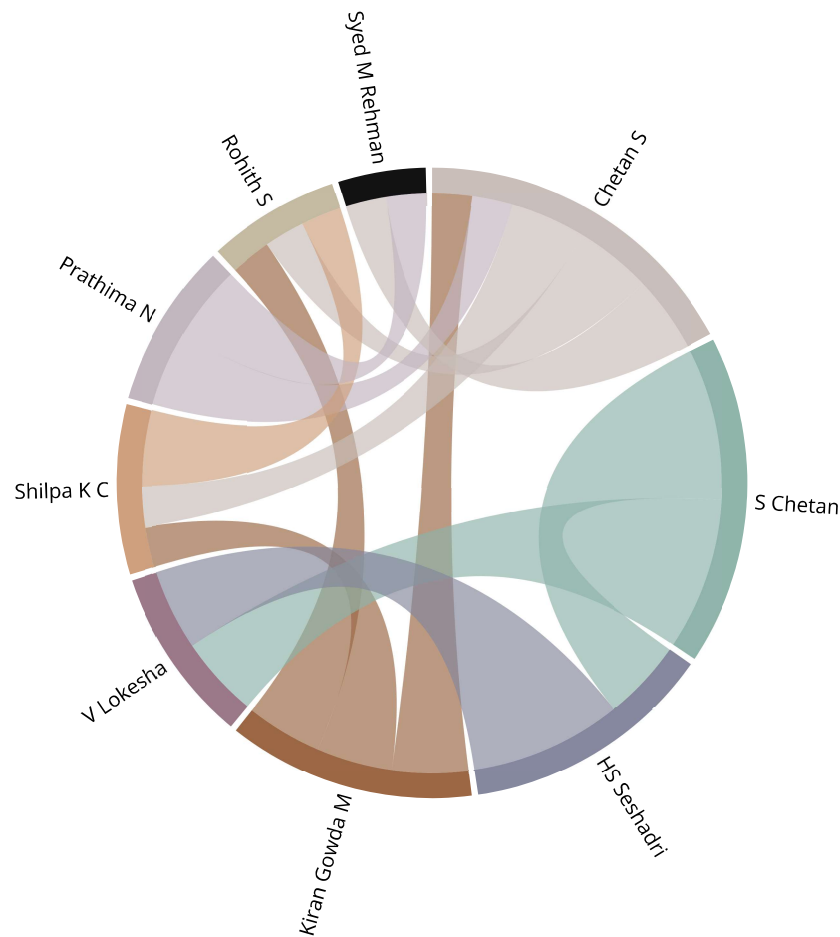
 Co-author Network

 Publications - 16

 Co-author - 10

Years

- 2023
- 2022
- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014



💡 Expertise

Electrical and Electronic Engineering

⚙️ Image Processing, VLSI testing

👤 Personal Information

Dr. Chetan S

🏠 ECE Dept. Mallathahalli, Bengaluru, Karnataka, India

, Karnataka, India - 560056



Experience

2010 - Present

Assistant Professor

Department of Electronics and Communication Engineering
Dr Ambedkar Institute of Technology, Bengaluru, Bengaluru

Qualification

2018

PhD

Jain University

Honours and Awards

2021

NPTEL Star
NPTEL

Membership In Professional Bodies

2012 Singapore Institute of Electronics (SIE)
Life

2011 International Association of Engineers (IAENG)
Life

Patents

DWT Based Feature Extraction for Iris Recognition

👤 Harsha R, Meenakshi L Rathod, Shivaputra, Shwetha M, Chetan S, Ramesh A and Mahalinga V Mandi

📄 Patent No. 2020102066 📍 Engineering and Technology ✅ Published

📅 Filed 2021-01-06 📅 Published 2021-01-06

Novel System Design Development of Monitoring and alerting system for immobilized patients

👤 Dr. Kanapathy Gopala Krishnan, Dr. Rohith S, Dr. Nagesh K N, Mahesh M R, Apoorva G K, Dr. Chetan S

✅ Published

📅 Filed 2022-01-24 📅 Published 2022-02-04

📄 Publications (16)

Performance Analysis by Improving Energy Efficiency in IoT Based Wireless Sensor Network for Routing Algorithm

Shilpa K.C

📄 INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY, **Volume** Volume: 16, Issue: 11, **Year** 2023, **Pages** 785-794

🖼️ unavailable (<https://www.scopus.com/inward/citedby.uri?partnerID=HzOxMe3b&scp=&origin=inward>)

🔗 (<http://dx.doi.org/10.17485/IJST/V16I11.2388>)

Robust and Secure Data Hiding-Application For Image And Audio Using LSB Method


Kiran Gowda M, Chetan S, Shilpa K C, Rohith S

📄 NOVIY MIR Research Journal, **Year** 2022

🔗 (<http://dx.doi.org/>)

Smart Movable Road Divider, Ambulance Clearance and Intelligent Street lights using IoT

Journal-article NOVIY MIR Research Journal, **Year** 2021

 (<http://dx.doi.org/>)

An Efficient High-Speed Lifting Based 1D/2D-DWT VLSI Architecture Using CDF-5/3 Wavelet Transform For Image Processing Applications

Conference Paper 2020 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT), **Year** 2020, **Pages** 269-274

Cited 1 time in  (<http://dx.doi.org/10.1109/rteict49044.2020.9315649>)
partnerID=HzOxMe3b&scp=85100546732&origin=inward)




([https://badge.dimensions.ai/details/doi/10.1109/rteict49044.2020.9315649?](https://badge.dimensions.ai/details/doi/10.1109/rteict49044.2020.9315649?domain=https://vidwan.inflibnet.ac.in)
domain=https://vidwan.inflibnet.ac.in)

ASIC Implementation of Rabbit Stream Cipher Encryption for Data

Prathima N, Chetan S, Syed M Rehman

conference paper 2019 IEEE International WIE Conference on Electrical and Computer Engineering (WIECON-ECE), **Year** 2019, **Pages** 27

Cited 0 times in  (<http://dx.doi.org/10.1109/wiecon-ece48653.2019.9019903>)
partnerID=HzOxMe3b&scp=85082139931&origin=inward)



([https://badge.dimensions.ai/details/doi/10.1109/wiecon-ece48653.2019.9019903?](https://badge.dimensions.ai/details/doi/10.1109/wiecon-ece48653.2019.9019903?domain=https://vidwan.inflibnet.ac.in)
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Similar Experts (12961)



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Bosukonda Murali Mohan
Electrical and Electronic Engineering
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Electrical and Electronic Engineering
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Rajesh L V
Dr Ambedkar Institute of Technology, Bengaluru
(<https://vidwan.inflibnet.ac.in/profile/113439>)



Mahalinga Mandi
Dr Ambedkar Institute of Technology, Bengaluru
(<https://vidwan.inflibnet.ac.in/profile/113440>)



H M SOMASHEKAR
Dr Ambedkar Institute of Technology, Bengaluru
(<https://vidwan.inflibnet.ac.in/profile/131431>)



Gowrishankar S
Dr Ambedkar Institute of Technology, Bengaluru
(<https://vidwan.inflibnet.ac.in/profile/140007>)



Jyothi S
Dr Ambedkar Institute of Technology, Bengaluru
(<https://vidwan.inflibnet.ac.in/profile/140017>)

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The Director
Information and Library Network Centre,


Infocity,Gandhinagar
Gujarat - 382007

 Shri Kannan P


 Scientist-E (LS)

 vidwan@inflibnet.ac.in (mailto:vidwan@inflibnet.ac.in)

 Shri Yatrik Patel

 Scientist-E (CS)

 Shri Abhishek Kumar

 Scientist-E (CS)