



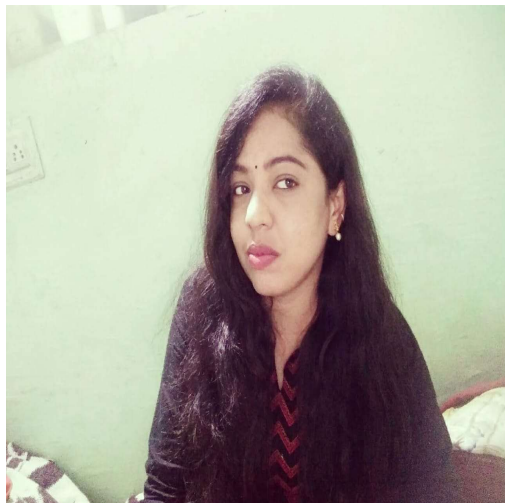
Dr. Ambedkar Institute of Technology

Faculty Profiles

A Library Initiative




(<https://drait.irins.org/>)



 [Profile \(https://drait.irins.org/myprofile\)](https://drait.irins.org/myprofile)

 Personal Information

 Expertise Information

 Experience

 Education Qualification

 Professional Bodies

 Patents

 Publications

Academic Identity



Scopus Id


56786597100 (<http://www.scopus.com/authid/detail.url?authorId=56786597100>)

 **Vidwan-ID : 156222**

 [Edit Profile](#)

 **Ms Shwetha N**

 Assistant Professor

 Dr Ambedkar Institute of Technology, Bengaluru

 **Publications 2020 - 2022**



 **Publications**

1
Journal Articles

1
Book Chapter

7
Conference Proceedings

Citations / H-Index

 15
CITATIONS

 2
H-INDEX

 4
CITATIONS

 **Co-author Network**

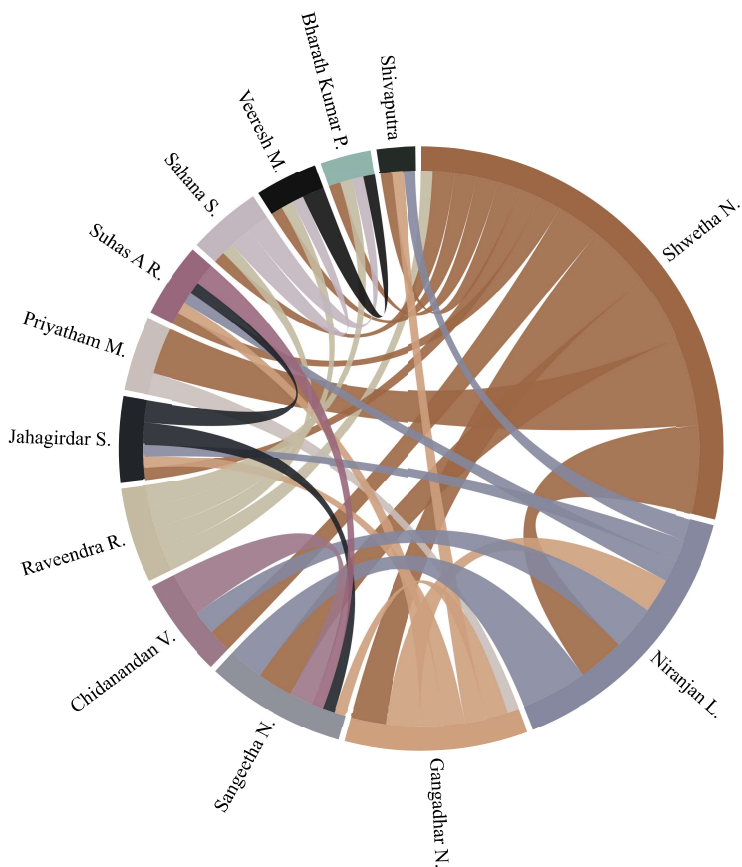
 Co-author - 25

 **Years**

2022


2021

- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012



 Expertise

Electrical and Electronic Engineering


 Signal Processing and Communication

 Personal Information

Ms Shwetha N

 Female

 Mallathahalli

 Bengaluru, Karnataka, - 560056

()

 Experience

2018 - Present

Assistant Professor

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

 Qualification

2023

Ph.D

Visvesvaraya Technological University

2015

M.Tech

Visvesvaraya Technological University

2013

B.E

Visvesvaraya Technological University

Membership In Professional Bodies

- 2022 Blue Eyes Intelligence Engineering and Sciences Publication
Permanent
- 2022 Lattice Science Publication
Permanent
- 2021 IAENG
LIFE MEMBER

[Read More](#)

Patents

IMPROVED SIGNUM ERROR LMS METHOD FOR DIRECTIONS-OFARRIVAL ESTIMATION OF RADIO SIGNALS USING ROTATIONAL INVARIANCE TECHNIQUE

1 . Dr. Veerendra Dakulagi 2 . Dr. Sunilkumar S Manvi 3 . Nirmalkumar S. Benni 4 . Dr. B. N. Umesh 5 . Prof. Rashmi N 6 . Mr. Vishwanath Bijalwan 7 . Dr. Kim Ho Yeap 8 . Dr.Tapan Kumar Mandal 9 . Dr. H C Sateesh Kumar 10 . Dr. Ratneshwar Kumar Ratnesh 11 . Dr. Manoj Kumar Panda 12 . Prof. Shwetha N 13 . Prof. Sangeetha N 14 . Mrs. Mamatha M C 15 . Mr. Arun Shekhar Bahuguna

Published

Publications (9)

Sort by ▾

Adaptive Channel Equalization Using Seagull Optimization with Various Initialization Strategies

Shwetha N.;Priyatham M.;Gangadhar N.

Article Journal of Communications, **Volume** 17, **Year** 2022, **Pages** 302-307
DOI:10.12720/jcm.17.4.302-307 (<http://dx.doi.org/10.12720/jcm.17.4.302-307>)



Smart Garbage Separation Using Robotic Arm with Image Processing

Raveendra R.;Shwetha N.;Sahana S.;Veeresh M.;Bharath Kumar P.

Conference Paper Lecture Notes in Electrical Engineering, **Volume** 783, **Year** 2022, **Pages** 1143-1152
DOI:10.1007/978-981-16-3690-5_109 (http://dx.doi.org/10.1007/978-981-16-3690-5_109)



Smart Driving Assistance Using Arduino and Proteus Design Tool

Shwetha N.;Niranjan L.;Chidanandan V.;Sangeetha N.

Conference Paper Lecture Notes in Networks and Systems, **Volume** 209, **Year** 2022, **Pages** 647-663
DOI:10.1007/978-981-16-2126-0_51 (http://dx.doi.org/10.1007/978-981-16-2126-0_51)



1 0 0 0

2

Citations



([https://badge.dimensions.ai/details/doi/10.1007/978-981-16-2126-0_51?](https://badge.dimensions.ai/details/doi/10.1007/978-981-16-2126-0_51?domain=https://drait.irins.org)
domain=<https://drait.irins.org>)

Advance system for driving assistance using arduino and proteus design tool

Shwetha N.;Niranjan L.;Chidanandan V.;Sangeetha N.

Conference Paper Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021, **Year** 2021, **Pages** 1214-1219
DOI:10.1109/ICICV50876.2021.9388620 (<http://dx.doi.org/10.1109/ICICV50876.2021.9388620>)



10 0 0 0

4

Citations



(<https://badge.dimensions.ai/details/doi/10.1109/ICICV50876.2021.9388620?domain=https://drait.irins.org>)

Efficient Usage of water for smart irrigation system using Arduino and Proteus design tool

Shwetha N.;Niranjan L.;Gangadhar N.;Jahagirdar S.;Suhas A R.;Sangeetha N.

Conference Paper Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSSEC 2021, Year 2021, Pages 54-61

DOI:10.1109/ICOSSEC51865.2021.9591709 (<http://dx.doi.org/10.1109/ICOSSEC51865.2021.9591709>)



5 0 0 0

Scopus 2

Citations



(<https://badge.dimensions.ai/details/doi/10.1109/ICOSSEC51865.2021.9591709?domain=https://drait.irins.org>)

Convergence Analysis of Self-Adaptive Equalizers Using Evolutionary Programming (EP) and Least Mean Square (LMS)

Shwetha N.;Priyatham M.

Conference Paper Lecture Notes in Electrical Engineering, Volume 733 LNEE, Year 2021, Pages 629-645

DOI:10.1007/978-981-33-4909-4_48 (http://dx.doi.org/10.1007/978-981-33-4909-4_48)



2 0 0 0

Scopus 1

Citations

CROSSREF 2

Citations



(https://badge.dimensions.ai/details/doi/10.1007/978-981-33-4909-4_48?domain=https://drait.irins.org)

Performance Analysis of Self Adaptive Equalizers Using Nature Inspired Algorithm

Shwetha N.;Priyatham M.

Conference Paper Lecture Notes in Networks and Systems, Volume 173 LNNS, Year 2021, Pages 497-511

DOI:10.1007/978-981-33-4305-4_37 (http://dx.doi.org/10.1007/978-981-33-4305-4_37)



2 0 0 0

Scopus 1

Citations

CROSSREF 1

Citations



(https://badge.dimensions.ai/details/doi/10.1007/978-981-33-4305-4_37?domain=https://drait.irins.org)

A cluster-based distributed cooperative spectrum sensing techniques in cognitive radio

Shwetha N.;Gangadhar N.;Niranjan L.;Shivaputra

Book Chapter Lecture Notes on Data Engineering and Communications Technologies, **Volume 59, Year 2021, Pages 225-246**

DOI:10.1007/978-981-15-9651-3_20 (http://dx.doi.org/10.1007/978-981-15-9651-3_20)



0
 0
 0
 0
 1

Performance Analysis of Self Adaptive Equalizers using EPLMS Algorithm

Shwetha N.;Priyatham M.

Conference Paper Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020, **Year 2020, Pages 872-876**

DOI:10.1109/I-SMAC49090.2020.9243512 (<http://dx.doi.org/10.1109/I-SMAC49090.2020.9243512>)



7
 0
 0
 0



5

Citations



1

Citations



(<https://badge.dimensions.ai/details/doi/10.1109/I-SMAC49090.2020.9243512?domain=https://drait.irins.org>)

Similar Experts (58)



Rajesh L V

(<https://drait.irins.org/profile/113439>)



Mahalinga Mandi

(<https://drait.irins.org/profile/113440>)



Rangaswamy Y

(<https://drait.irins.org/profile/153873>)



GOVINDARAJU H V

(<https://drait.irins.org/profile/153875>)



Mohankumar V

(<https://drait.irins.org/profile/156167>)

[View More](#)

Same Department (35)



Sudha B S

(<https://drait.irins.org/profile/156192>)



Ramesh S

(<https://drait.irins.org/profile/166816>)



Shivaputra

(<https://drait.irins.org/profile/156172>)



Meenakshi L Rathod

(<https://drait.irins.org/profile/156197>)



Umadevi H

(<https://drait.irins.org/profile/156219>)

[View More](#)



Dr. Ambedkar Institute of Technology

A Library Initiative

(<https://drait.irins.org/>)

Powered by



(<https://irins.inflibnet.ac.in/>)

[Read more \(https://irins.inflibnet.ac.in/\)](https://irins.inflibnet.ac.in/)