



Vidwan-ID : 156230

Download CV (democv)

Reset Password (settings\_myprofile)

Mr. Anand H D... ▾



Change Photo

 Profile ( <a href="https://vidwan.inflibnet.ac.in/myprofile">https://vidwan.inflibnet.ac.in/myprofile</a> )
 Personal Information
 Expertise Information
 Experience
 Education Qualification
 Honours and Awards
 Doctoral Theses
 Professional Bodies
 Membership in Committee
 Research Project
 Patents
 Publications

### Profile Progress

Personal	100%
Expertise	100%
Experience	100%
Qualification	100%
Academic Identity	80%
Publication	100%

Academic Identity

	<b>Employee Id</b> UA-013			
	<b>Orcid Id</b> 0000-0002-0107-0436 ( <a href="http://www.orcid.org/0000-0002-0107-0436">http://www.orcid.org/0000-0002-0107-0436</a> )			
	<b>Scopus Id</b> ( <a href="http://www.scopus.com/authid/detail.url?authorid=">http://www.scopus.com/authid/detail.url?authorid=</a> )			
	<b>Researcher Id</b> AAX-3150-2020 ( <a href="http://www.researcherid.com/rid/AAX-3150-2020">http://www.researcherid.com/rid/AAX-3150-2020</a> )			
	<b>Google Scholar Id</b> NNAoa0kAAAAJ ( <a href="http://scholar.google.co.in/citations?user=NNAoa0kAAAAJ">http://scholar.google.co.in/citations?user=NNAoa0kAAAAJ</a> )			

Profile Score

6.8/10

8   
 2   
 1  
**ARTICLES   OTHERS   PROJECTS**

**Mr Anand H D**

Assistant Professor  
Dr Ambedkar Institute of Technology, Bengaluru

**Profile URL:** <https://vidwan.inflibnet.ac.in/profile/156230> (profile/156230)

Expertise

Add / Edit

Electrical and Electronic Engineering

VLSI and Embedded Systems; Robotics

Email Information

Edit Information

anandanihd@gmail.com

Personal Information

Edit Information

Mr Anand H D

Male

## Contact Information

[Add / Edit](#)

 Department Of ECE,Mallathahalli

 Bengaluru ,Karnataka,India - 560056

 9844518832    08023211232    [drait.edu.in](http://drait.edu.in) ([drait.edu.in](http://drait.edu.in))

## Experience

[Add](#)

2017 - Present    Assistant Professor  
 Dr Ambedkar Institute of Technology, Bengaluru,Bengaluru

 

## Education Qualification

[Add](#)

2015    Mtech  
 Sai Vidya Institute of Technology

 

2013    BE  
 Dr. Ambedkar Institute of Technology Bangalore

 

## Honours and Awards

[Add](#)

## Doctoral Theses Guided

[Add](#)

## Membership in Professional Bodies

[Add](#)

2020   INDIAN SOCIETY FOR TECHNICAL EDUCATION  
 Lifetime

 

2020   International Association of Engineers  
 Lifetime

 

## Membership in Committees

[Add](#)

## Research Projects

[Add](#)

### Multimedia Security Based on Non-Linear Stream Ciphe

 Funding Agency : VGST

 

 Ongoing    CO-Principle Investigator   ₹ 1500000    2023 - Continue

 Patent

Add ▾

 Publications

Add ▾

All Article Conference Proceedings

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

<https://www.altmetric.com/domain=vidwan.inflibnet>

Anand H D, Shilpa K C, Chetan S

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

<http://dx.doi.org/10.17485/IJST/v16i11.2388>

<https://indjst.org/articles/performance-analysis-by-improving-energy-efficiency-in-iot-based-wireless-sensor-network-for-routing-algorithm>

### Ultra Violet Sanitization Mobile Robot

<https://www.altmetric.com/domain=vidwan.inflibnet>

Sagar Rajanal, Shashank J S, Shreedhara G, Vijayakumar Arahunasi, Anand H D

article Gradiva Review journal, **Volume** 8, **Year** 2022, **Pages** 1031-1035

<http://dx.doi.org/10.37897.GRJ.2021.V8I7.22.50076>

<https://drive.google.com/file/d/1PrhvcuCWssDBIMAGp2673X7U4vd57EIJ/view>

### Micro Robot

Mahalakshmi V, Mahanthesh V Dambal, Savitha, Shalini S, Anand H D

article International Journal for Research in Applied Science & Engineering Technology, **Volume** 8, **Year** 2020, **Pages** 1446-1448

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

<https://www.ijraset.com/ijraset-volume/volume8-issueVI-june2020#>

### IoT V2I communication-rescue time

Anand H D, Deepa D. N, Dhanush Gowrav Gowda K. S, Harshitha S, Hemanth H. Gowda

article International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT), **Volume** 5, **Year** 2019, **Pages** 314-316,

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

### Smart Blind Walking Stick

Anand H D

conference proceedings NCRTEIEC-2019 , **Volume** , **Year** 2019, **Pages**

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

### Automated Border Security System

Anand H D and H. M. Sujatha, Vidyashree. C

article International Journal of Scientific Research and Development (IJSRD), **Volume** 6, **Year** 2018, **Pages** 696-699

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

### Review of Fault Tolerant Routing Algorithms for Network On-Chip System

Anand H D and Vidyashree. C, Kavya Shivashankar, Manjula. N

article International Journal of Scientific Research and Development (IJSRD), **Volume** 6, **Year** 2018, **Pages** 576-579

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

## INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY

(https://www.altmetric.c  
domain=vidwan.inflibne

Adhikary (Chakrabarty), Mahuya and Adhikari, Atanu.

article Indian Journal of Science and Technology, Volume 10 (22), Year 2018, Pages 1-13



(http://dx.doi.org/10.17485/IJST)



(0974-5645 (online), 0974-6846)

## A High Performance Network On-Chip System With Path-Congestion-Aware Adaptive Routing

Anand H D and Varalakshmi K R, Arun Kumar G C

article International Journal of Science Engineering And Technology (IJSET), Volume 3, Year 2015, Pages 614-618



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

## A High Performance Network On-Chip System With Path-Congestion-Aware Adaptive Routing

Anand H D

conference proceedings Mechmanthana &amp; Pradarshana'15, Volume , Year 2015, Pages



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

## Similar Experts (12957)

**Bijnan Bandyopadhyay**

Electrical and Electronic Engineering

(https://vidwan.inflibnet.ac.in/profile/136)

**Shabbir Merchant**

Electrical and Electronic Engineering

(https://vidwan.inflibnet.ac.in/profile/415)

**Bosukonda Murali Mohan**

Electrical and Electronic Engineering

(https://vidwan.inflibnet.ac.in/profile/418)

**Devendra Jalihal**

Electrical and Electronic Engineering

(https://vidwan.inflibnet.ac.in/profile/580)

**Paritosh K. Chakraborty**

Electrical and Electronic Engineering

(https://vidwan.inflibnet.ac.in/profile/1233)

View More

## Same Organisation (247)

**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)

View More



(<http://www.nmeict.ac.in>)



(<http://inflibnet.ac.in>)

## Contact Us

---

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

---

 Shri Yatrik Patel

 Scientist-E (CS)

---

 Shri Abhishek Kumar

 Scientist-E (CS)