

# Dr. ANIRUDDH BAHADUR YADAV



**Designation** : Sr.Assistant Professor  
**E-Mail ID** : [aniruddh@vrsiddhartha.ac.in](mailto:aniruddh@vrsiddhartha.ac.in)  
**Contact at** : 7997564760, Department of Electronics and Communication Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

**Ph. D** (Electronics Engineering)  
*Indian Institute of Technology (BHU), Varanasi*

**B.Tech** (Electronics and Instrumentation Engineering)  
*2007, VBS PU Jaunpur U.P. India*

## Experience

Period	Designation	Institution / Organization
2014-2015	Assistant Professor	ADCET Ashta Maharastra
2015-2019	Associate Professor	Sree Vidyanikethan Engineering College Tirupati

## Research Interests

### Broad Area of Research :

Microelectronics Nanoelectronics (Synthesis of 1 D nanostructure) Electronics Devices for electronics, gas sensing and optoelectronics application, Theoretical study of the metal – semiconductor interface electrical properties using Quantum Espresso, NanoTCAD based simulation,

## Honors and Awards

JRF/SRF

Best reviewer IOP

## Courses Taught

- Electronics Devices and circuits
- Basic Electronics
- Electromagnetic theory
- Analog Electronics
- Device modeling
- Nanoelectronics
- Low power VLSI
- Optical communication

## • Research Profile

### Publications

The recent publications and research contributions can be viewed from the following URLs

<b>Google Scholar</b>	<a href="https://scholar.google.co.in/citations?user=bGags7AAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=bGags7AAAAAJ&amp;hl=en</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=55838644700">https://www.scopus.com/authid/detail.uri?authorId=55838644700</a>
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-8136-3959">https://orcid.org/0000-0002-8136-3959</a>
<b>Publons</b>	<a href="https://publons.com/researcher/3694614/aniruddh-bahadur-yadav/">https://publons.com/researcher/3694614/aniruddh-bahadur-yadav/</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/messages/inbox/unread">https://www.researchgate.net/messages/inbox/unread</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/dr-aniruddh-bahadur-yadav-ph-d-iit-bhu-varanasi-461b09159/">https://www.linkedin.com/in/dr-aniruddh-bahadur-yadav-ph-d-iit-bhu-varanasi-461b09159/</a>

### Recognized Research Supervisor

S.No.	Department	University
01.	Electronics Communication Engineering	JNTU Kakinada _Kakinada
02.	Electronics Communication Engineering	VTU Velgum
03	Electronics Communication Engineering	JNTU Kakinada Anantpura

### Funded Research Projects

<b>Completed</b>	03
<b>On-going</b>	00
<b>Applied</b>	04

### Consultancy / Industry Projects

<b>Completed</b>	00
<b>On-going</b>	00
<b>Applied</b>	00

### Patents

<b>Granted</b>	NIL
<b>Published</b>	00
<b>Applied</b>	00

## Invited Talks

<b>No. of Invited Talks</b>	03
-----------------------------	----

## Professional Service / Reviewer

- Elsevier.
- Springer
- ACS
- IOP
- IEEE

## Professional Development Activities - Participations

<b>Faculty Development and Training Programmes (at least 5 Days)</b>	4
<b>International / National Level Seminars</b>	1
<b>International / National Level Conferences</b>	3
<b>Workshops</b>	2
<b>Instructor Led / Self-Paced Courses</b>	
<b>Webinars</b>	1

## Professional Bodies Membership Details


(Dr ANIRUDDH BAHADUR YADAV)

\*\*\*