

# VINOD KUMAR AHUJA



**Name : Vinod Kumar Ahuja**

**Designation : Assistant Professor**

**Total Experience : 8 years**

**Email: vinodkumara.ece@hitam.org**

**Mobile: 9032826620**

## Specialization

Antenna Design , Internet Of Things (IOT),Microprocessor and Microcontroller (Arduino , Raspberry PI, 8051), sensors , Actuators etc

## Academic Qualification

B.Tech : Electronice And Communication Enginnering

M.Tech : VLSI System Design

PhD Details : Design of Distributed Antenna System for providing internet facility to unconnected rural areas in India

## Total Teaching Experience

8 Years

## Publication Details

### International Journals:

1) Performance of low cost small cell and heterogeneous network using satellite backhaul for unconnected rural and remote mobile users  
ISSN : 1311-8080

Journal : IJPAM

2) Radar simulation for opaque installations and building through ultra wideband electromagnetic signal ISSN : 2231-3346

Journal : VSRD

3) An Approach to avoid overrun error in USART by using dummy register and interrupt latency method ISSN : 2321-3159 Journal:  
IJRECE

4) An Approach to avoid overrun error in USART by using queue and CPU latency ISSN : 22489622 Journal IJERA

### International Conferences:

### National Conferences:

1) Presented Paper in National conference on “ Emerging trends in Wireless communication and VLSI design”

# VINOD KUMAR AHUJA

<b>Awards &amp; Honours</b>	1) Best performer of the Year 2014 to 2015 Award by HITAM
	2) Best performer of the year 2015 to 2016 Award by HITAM
	3) Best faculty of the year 2016 to 2017 Award by HITAM
	4) Best Alumni award 2014 by VVIT
<b>Workshops / Seminars / Conferences / Training Programs Attended</b>	1) Participated in National conventional Academic and Research (Dec 16 to 18 2010)
	2) Attended ICTIEE 2017 International conference on Transformation in Engg education (Jan 6 to 8)
	3) Attended 7 days workshop on Practical RF Antenna design (8th Aug to 13 Aug 2016)
	4) Attended 3 days Workshop on Sensors to cloud via IOT (19 to 21 Oct 2016)
	5) Attended 3 days IUCEE EPICS workshop (July 6 to 8)
	6) Attended and participated workshop on “ Inter Atom” at JNTUH
	7) Participated 2 days workshop on “Design EDA tools for communication
	8) Participated in national workshop on “Nano satellite – Future of space sciences “
	9) Attended 3 days International conference ICTIEE 2015 (Jan 6 to 8) Bangalore
	10) Attended workshop on “ Freedom lab in a Box conducted by ARM University Program
	11) Attended 3 days International conference ICTIEE 2014 at Hubli
	12) Participated in Ubiquitous hands on learning using mobile lab “ In Hubli
	13) Attended 5 days Faculty Immersion program at KLE TECH Hubli.
	14) Undergone online OBE certification course conducted by IUCEEE and KLE Tech HUBLI.
	15) Under gone 1 month training on Embedded systems which consist of 8051 and Arduino in elegant embedded systems 2/5/2017 to 3/6/2017.
	16) Under gone 1 month training on raspberry pi and IOT in elegant embedded systems 13/11/2017 to 12/12/17

## VINOD KUMAR AHUJA

17) Attended Latest trends in IOT workshop

### Workshops / Seminars / Conferences / Training Programs Conducted

1) Conducted Satbrotic Workshop 2011

2) Conducted 3 days workshop on Learning Engineering using NI graphical systems design platform 2012

3) Student Skill Development Center (SSDC) Design contest expo in collegrabtion with EPICS

4) Student Skill Development Center (SSDC) cetrification Program

5) Conducted SSDC training

6) Trained eomplyes and students in Advance Linux kernel internals and Linux deivce drivers (Character and block drivers ) in VIVEN