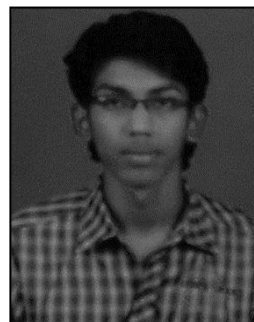


RESUME

Name : VENKHAT.V
Roll NO : 123079008
Degree : M.Tech` (Communication and signal processing)
(1st year)



I am currently pursuing M.Tech in Communications and signal processing as a research assistant. I am working under Dr.Abhay Karandikar, Dr. Prasanna Chaporkar, Dr. Animesh Kumar in Infonet lab on the research topic, Energy efficiency in wireless networks

RESEARCH INTERESTS

Wireless communication
Statistical Signal Processing
Energy Efficiency in Wireless cellular networks

ACADEMIC RECORD

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	MARKS% /CGPA
B.E (ECE)	Thiagarajar College Of Engineering, Madurai.	Anna University (Autonomous)	2012	9.45
XII	S.V.V Matriculation Higher Secondary school, Chennai-28.	Tamil Nadu State Board	2008	94.33
X	P.S. Matriculation Higher Secondary School, Chennai-04.	Matriculation	2006	91.18

INPLANT TRAINING

Name of the Industry	Duration	Areas of Exposure
BSNL	5 days	Communication ,switching principles
Oil and Natural Gas Corporation (ONGC)	5 days	SCADA network, principles of magnetic and seismic sensors.

PROJECTS

Hardware Mini Project– Automated Lighting System

Team Size: 3

Automated Lighting System was designed to detect human presence with the help of Pyroelectric Infra Red(PIR) Sensors, based on which the lighting was controlled. In addition, the system was also designed to work as Burglar alert system depending on user's requirement.

CHANNEL ESTIMATION IN LTE-ADVANCED UPLINK SYSTEMS

Team Size: 3

In LTE-Advanced uplink, Channel estimation is performed in the Physical Uplink Shared Channel with the help of Zadoff Chu Sequence as Demodulation Reference signal. MMSE receiver structure is used to evaluate the Mean Square error performance of the channel estimate for 1x1 and 2x2 MIMO cases for different number of assigned Resource blocks

ACHIEVEMENTS

- Won 1st prize for “Power consumption reduction using PIR sensors in street lighting system” in Paper Presentation Contest, conducted by Velammal College of Engineering, Madurai during 2009-10.
- Won 1st prize in Circuit Debugging Contest, conducted by Velammal College of Engineering, Madurai during 2009-10.
- Won 1st prize in Matlab Debugging Contest, conducted by K.L.N College of Engineering, Madurai during 2010-11.
- Won 2nd prize for “Power consumption reduction using PIR sensors in street lighting system” in Technical Idea Presentation Contest, conducted by Madras Institute of Technology (MIT), Chennai during 2009-10.
- Won 2nd prize for “Power consumption reduction using PIR sensors in street lighting system” in Paper Presentation Contests conducted by
 1. Sona College of Engineering, during 2009-10.
 2. Vickram College of Engineering, Madurai during 2009-10.
- Won 2nd prize in Debugging Contest, conducted by K.L.N College of Information and Technology, Madurai during 2010-11.

COCURRICULAR ACTIVITIES

- One of the Top 20 Programmers in C-Ergonoxis, an Intra college C programming contest conducted by Thiagarajar College of Engineering, Madurai, during 2010-11.
- Won the Prize of Best Innovation in Weecom-09 an intra departmental Paper Presentation Contest conducted by our college, during 2009-10.
- One of the finalists in
 1. “Dr.8085”, a Microprocessor contest held at P.S.G Institute of technology.
 2. “Digital Fortress”, a Digital Design contest held at P.S.G Institute of technology.
 3. Microprocessor Debugging Contest conducted by K.L.N College of Engineering.
- Active Student Member of Institute of Electrical and Electronics Engineers (IEEE).
- Active Student Member of Institute of Engineers (IE) and Indian Society Of Technical Education (ISTE).

EXTRA CURRICULAR ACTIVITIES

- Won 1st prize in Quiz conducted by Vickram College of Engineering, Madurai.
- Won 2nd prize in Tech Talk, an event conducted by Vickram college of Engineering, Madurai during the academic year 2009-10.
- Participated in "Fireless cooking" contest held in ACUMEN-09, an intra department cultural.
- One of the Finalists in Techathlon'10, an Intra Departmental Event conducted by Thiagarajar College of Engineering, Madurai. during 2010-11.
- Volunteered for QUEST'09, QUEST'10, a district level inter-school competition hosted by our college.
- Participated in MARATHON'09, MARATHON'10, MARATHON'11 conducted by Thiagarajar College of Engineering, Madurai.

CERTIFICATION UNDERGONE

- A 15 day course on "DSP – Programming and Applications" conducted by Analog Devices in Indian Institute of Technology, Madras.
- "Introduction to GPS and Applications of Communications/Signal Proc theory in GPS receiver design", a one credit course conducted by Texas Instruments.

LEADERSHIP INITIATIVES

- Organized an event 'Mono Act' in QUEST'11, an inter school competition hosted by our college during the academic year 2010-2011.

HOBBIES

- FIFA 2010 Football game

PERSONAL DETAILS

CONTACT ADDRESS

Room No: 287,
Hostel 6,
IIT Bombay,
Mumbai.

PERMANENT ADDRESS

No.41, 9th cross, 1st main,
Maruthi Nagar, Madiwala,
Bangalore,
Pin code: 560068.

EMAIL	:	venkhat.ch28@gmail.com		
DATE OF BIRTH	:	29-07-1991	AGE:	21
MOTHER'S NAME	:	Mrs. Valli.	GENDER:	Male
MOTHER TONGUE	:	Tamil		
LANGUAGES	:	Read, Write, Speak	:	Tamil, English.

I, Venkhat.V, hereby confirm that the information given above is true to the best of my knowledge.

Place: Mumbai.
Date: 30/08/2012

Signature _____
(Venkhat.V)