



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

P.O SRINIVASNAGAR, MANGALORE-575025

Placements 2009-10

RAVI PRAKASH DSVN

B.TECH

Branch : COMPUTER SCIENCE

Gender : MALE

Reg. No. : 06CO50

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C.G.P.A. : 7.56

PRESENT ADDRESS	PERMANENT ADDRESS
ROOM NO:B-203 MEGA HOSTEL BLOCK NITK HOSTELS SURATHKAL KARNATAKA	C-001,MANTRI FLORA SARJAPUR ROAD RING ROAD JUNCTION BANGALORE

## B.TECH DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	7.21	7.21
SEMESTER 2	MAY 2007	8	7.58
SEMESTER 3	DEC 2007	7.48	7.55
SEMESTER 4	MAY 2008	7.42	7.52
SEMESTER 5	DEC 2008	8.32	7.68
SEMESTER 6	MAY 2009	7	7.56

## PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	NATIONAL PUBLIC SCHOOL RAJAJINAGAR BANGALORE	CBSE	2004	92
XIIth	NATIONAL PUBLIC SCHOOL RAJAJINAGAR BANGALORE	CBSE	2006	93.4
B.TECH	NITK	NITK	2010	7.56

# SUPPLEMENTARY INFORMATION

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## EXTRA CURRICULAR ACTIVITIES

1. I am interested in social service and I am the convenor of a social service club called GENESIS in NITK
2. I play cricket,badminton,swimming.

## ABOUT MYSELF

1. I am a fun loving guy and like to spend time with friends and family.
2. I am very interested in Kernel development..
3. I am intersted in social service .
4. I was selected for Infosys catch them young program conducted by Infosys,technologies in 10 th which gave me exposure to c,c++,rdbms and other basic stuff about computers.

## CO-CURRICULAR ACTIVITIES

### PROJECTS WORKED IN COLLEGE

1. Worked on Performance Evaluation and Updating of Minix Operating System :  
This involves modifying certain algorithms such as the memory manager in Minix.Also wrote a compaction algorithm which increases efficiency.

2. DBMS-Worked on automation of hostel and mess management system :  
I have done a project on automation of the hostel and mess management /fees payment using oracle 10g as the backend and java swing as the front end .

### 3. SYSTEMS PROGRAMMING:

I have given a seminar and report on virtualization technology with special emphasis on hypervisors and hypervisor architecture.I had emphasized on the different parameters for input and output of the hypercalls and the way they are designed in the hypervisor. I also analysed the advantages of type 1 hypervisors .

### 4. REAL TIME MINIX:

I again worked on minix operating system and made it REAL TIME MINIX. The basis was taken from the MINIX version of real time OS MINIX4RT and implemented the real time features.

### PROJECTS COMPLETED IN SUMMER:

1. Understanding the architecture of wireless LAN miniport drivers designed for windows vista. This project was done by me at WIPRO,Hyderabad. It was more of study project with emphasis on understanding the live code of miniport driver for wireless LAN.
2. Adding auditing facility to linux:Made an auditing facility to linux which can track the opertaions done on an NFS server by client and analyse the operation performed on files.  
This was done as an open source project in NOSIP(NOVELL OPEN SOURCE INTERNSHIP PROJECT ) under the guidance of Suresh Jayaraman(kernel developer ,SUSE labs,NOVELL)

REFERENCE 1 :

Ramesh Naik  
Technical Manager  
Wipro technologies  
Hyderabad

REFERENCE 2 :

Suresh Jayaraman  
Kernel developer  
Suse Labs,NOVELL  
Bangalore