



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

P.O SRINIVASNAGAR, MANGALORE-575025

Placements 2009-10

SHASHI KANT

B.TECH

Branch : INFORMATION TECHNOLOGY

Gender : MALE

Reg. No. : 06IT47

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C.G.P.A. : 7.29

PRESENT ADDRESS	PERMANENT ADDRESS
ROOM NO-B114, MEGA HOSTEL BLOCK, NITK, SURATHKAL, P.O.-SRINIVASANAGAR, DISTT.-SOUTH KANNADA, KARNATAKA, PIN- 575025	VILL.-BARUHI, P.O.-HOKIMINAR, TEH.-BANGANA, DISTT.-UNA,HIMACHAL PRADESH, PIN-174314

## B.TECH DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	6.93	6.93
SEMESTER 2	MAY 2007	6.5	6.73
SEMESTER 3	DEC 2007	7.28	6.91
SEMESTER 4	MAY 2008	7.25	6.99
SEMESTER 5	DEC 2008	8.19	7.24
SEMESTER 6	MAY 2009	7.54	7.29

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

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	S.D.SARVHITKARI VIDYA MANDIR SR. SEC. SCHOOL, SECTOR-2, TALWARA	PUNJAB SCHOOL EDUCATION BOARD	2003	90.77
XIIth	DAV CENTENARY PUBLIC SCHOOL, UNA, HP	CENTRAL BOARD OF SECONDARY EDUCATION	2005	69.60

# SUPPLEMENTARY INFORMATION

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## EXTRA CURRICULAR ACTIVITIES

- \* Active participation in Games & Sports: Athletics, Kabaddi, Swimming, also learning Martial Arts(Wing Chun).
- \* Executive member of NCC(National Cadet Corps).
- \* Executive member of NSS(National Service Scheme).
- \* Executive member of DDFC(Dance Drama and Fashion Club), performed Bhangra(Punjabi Folk Dance) many times.
- \* Active member of Artist Forum. Areas of interest: Pencil-Sketchin and Painting using water-colours.

## ABOUT MYSELF

- \* I'm honest, hardworking, punctual, kind-hearted.
- \* Believe in God, I want to know the truth.
- \* Work in harmonious combination of SCIENCE and ART.
- \* Always follow "Anything's possible, keep thinking".

## CO-CURRICULAR ACTIVITIES

Title: Graphics Editor(As a part of B-Tech curriculum)

Advisor: Dr. Ananthanarayana V S(H.O.D And Professor IT Department, NITK, Surathkal)

Introduction: completed a Graphics editor project using C. It had features like drawing lines, circles, polygons, clipping, translations, rotations, scaling and 2D animation. Different and efficient algorithms taught during the Computer Graphics course were applied.

Title: minRel Project(As a part of B-Tech curriculum)

Advisor: Dr. Ananthanarayana V S(H.O.D And Professor IT Department, NITK, Surathkal)

Introduction: completed a mini project that could create relation and could query the created relations. It was coded in Java and for GUI Netbeans was used. It implemented functions like Create, Insert, Destroy, Load, Print, Delete, Select, Project and Join.

Title: Sale of Computers and Peripherals(As a part of B-Tech curriculum)

Advisor: Mr. Biju R Mohan(lecturer IT Department, NITK, Surathkal)

Introduction: It included sales of computers laptops and peripheral. A detailed report including physical and logical design with system requirements for the project was also submitted. Oracle was used as a back end. The graphical user interface and front end coding was done in Java.

Title: Perceptual Audio Coding(Summer-Project during 2009,May-June)

Advisor: Dr. G. Ram Mohana Reddy(Professor IT Department, NITK, Surathkal)

Introduction: It involves removal of parts of the signal, in an audio sample, that human cannot perceive using psychoacoustic models. Under this project, perceptual audio coders for MPEG-1 LAYER-1(mp1) and MPEG-1 LAYER-3(mp3) were simulated using MATLAB. Audio samples converted to mp1 and mp3 formats were tested for quality and compression achieved.

Title: MobileIPv6 : Route Optimization(Binding Cache Management) (As a part of B-Tech curriculum)

Advisor: Dr. G. Ram Mohana Reddy(Professor IT Department, NITK, Surathkal)

Introduction: In mobile IPv6, Route Optimization provides direct communication between the MN and CN, avoiding the triangular routing i.e. through home agent, hence, an optimization. To keep track of mobile node's mobility, corresponding node(communicating with mobile node) make uses of Binding Cache. Management issues of Binding Cache are implemented using NS2 simulator and Mobiwan patch.

REFERENCE 1 :

Dr. Ananthanarayana V S  
Professor IT Department, NITK, Surathkal

REFERENCE 2 :

Dr. G. Ram Mohana Reddy  
H.O.D. and Professor IT Department, NITK, Surathkal