



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

P.O SRINIVASNAGAR, MANGALORE-575025

Placements 2009-10

VIKRAM BAGHEL

B.TECH

Branch : COMPUTER SCIENCE

Gender : MALE

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PRESENT ADDRESS	PERMANENT ADDRESS
ROOM-210, PG HOSTEL BLOCK NITK SURATHKAL KARNATAKA, INDIA.	S/O SHIV SINGH BAGHEL GUPTA PARA KAWARDHA (491995) CHHATTISGARH, INDIA.

## B.TECH DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	7.71	7.71
SEMESTER 2	MAY 2007	6	6.92
SEMESTER 3	DEC 2007	6.65	6.84
SEMESTER 4	MAY 2008	3.08	5.93
SEMESTER 5	DEC 2008	5.84	5.91
SEMESTER 6	MAY 2009	5	6.05
SEMESTER 7	DEC 2009	6.56	6.12

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

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	SARASWATI SHISHU MANDIR H S SCHOOL KAWARDHA	CHHATTISGARH	2003	85.5
XIth	KRISHNA PUBLIC SCHOOL BHILAI	CBSE	2005	81.8
B.TECH	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA	DEEMED UNIVERSITY	2010	6.12

# SUPPLEMENTARY INFORMATION

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## EXTRA CURRICULAR ACTIVITIES

- I am the Mozilla Campus Representative of my college.
- I am active member of Web Enthusiasts-club of my college.
- I am active member of Management Forum of my college.
- I am part of Care for me NGO, as collaboration leader.
- I am one of the Mentor of GuruDakshina NGO founded by NITK alumni which aim to decrease the dropout rate in schools and also help grow the students into a more successful human being.
- I have participated actively in organizing cultural, technical, social activities and Computer Literacy camps in school and college level.
- I have attended indo-US Workshop and Conference on cyber security, cyber crime and cyber Forensics conducted by University of Buffalo, State University of New York and Amrita University.
- I have attended workshop on PUBLIC KEY INFRASTRUCTURE (PKI) by C-DAC.
- I have attended Training program on SIX SIGMA METHODOLOGY by KPMG.

## ABOUT MYSELF

i want to acquire key technical and managerial skills by actively contributing for its growth, also to bring out my innovative ideas and skills to develop myself as a good leader in my domain of expertise.

## CO-CURRICULAR ACTIVITIES

- Graphics editor

Platform: Windows XP

Language: C

The project involved creation of a simple graphics tool or package that is similar to Microsoft Paint including Mouse-interface. Instruction based display was used instead of pixel mapping display to facilitate animation of 2D objects.

- Passport Office Database

Platform: Independent

Language: J2SE, SQL, JSP, HTML

Database: Oracle 10g

This database project was aimed at the DBAs in passport office to aid in the passport making process. It applies the concepts like multi user-view, security, data abstraction, normalization and data integrity. Customers can use website for querying the status of their passport.

- Advanced E-commerce website

Platform: Independent

Language: JSP, HTML, JavaScript, Ajax

Database: Oracle 10g

This website Project was aimed to Economize and boost up the Advertisements by advertising personally on MOBILE phones with discount codes via SMS GATE-WAY and also automated Email updates. Shoppers after registration can avail of various searching, sorting, rating and subscribing techniques.

- Implementation of TSP by Genetic Algorithm

Platform: Windows

Technology: C++

This was to implement a research paper by Al-Dulaimi, B. F. and Ali, H. A. (2008), Enhanced traveling salesman problem solving by genetic algorithm technique.

## CO-CURRICULAR ACTIVITIES

- Developing Extensions for Mozilla

Platform: Independent

Technology: XUL, JavaScript, DOM, XPCOM, CSS

This project was aimed to create Firefox extension for erasing LSO (local shared objects) i.e. Flash cookies, which is not supported by any of the existing browser. 'Eraser' extension can be downloaded from this link : <https://addons.mozilla.org/en-US/firefox/addon/13009>

- User validation vulnerability scanner (ongoing)

Platform: Windows

Technology: C#.NET

This project will detect the User validation loop holes present in system (web forms). A lot of dynamic web pages, database and web application in the internet involves log-in of associated users and administrators, for which unauthorized access can be made possible using few vulnerabilities attacks, e.g. SQL injection and brute force attack.

- Light weight web server

Platform: Windows

Technology: C#.NET

A custom web server that can run with limited main memory and offers basic functionality like hosting HTML, image and pdf files. A server administration module provides allows managing web server either from same machine where server is running or from remote machine. It Provides secure log-in to send authentication request to server using asymmetric keys.

- Advanced stealth phishing by ARP and CAM poisoning (ongoing)

Platform: Independent

Technology: Perl, php, wincap/libpcap library, SSL, Digital certificate

A complete vLAN setup to implement the phishing attack within a subnet for web address(s) by ARP poisoning and CAM table poisoning in Gateway. The motive is to fake the identity of phishing web page by enforcing SSL connection and fake digital certificates and thus not leaving any chance to be detectable as phishing page in the browsers.

### REFERENCE 1 :

Radhesh Mohandas  
Adjunct Faculty,  
Department of Computer Engineering,  
NITK Surathkal.

### REFERENCE 2 :

Alwyn R Pais  
Senior Lecturer,  
Department of Computer Engineering,  
NITK Surathkal.