RALLAPALLI SARAT   B.TECH

Branch	: COMPUTER SCIENCE
Gender	: MALE
Reg. No.	: 06CO47
Date Of Birth	: FEBRUARY-1-1989
Email- Id	: saratrallapalli@gmail.com
Phone	: 0265-3247990
Mobile	: 9986477851

C.G.P.A. :   9.39

PRESENT ADDRESS	PERMANENT ADDRESS
ROOM NO C-412,MEGA BLOCK,NITK HOSTELS,NITK SURATHKAL.	401,TIRTH TOWER,PASHABHAI PARK,NEAR RACE COURSE CIRCLE,VADODARA-390007,GUJARAT

B.TECH   DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	9.79	9.79
SEMESTER 2	MAY 2007	9.5	9.65
SEMESTER 3	DEC 2007	8.91	9.43
SEMESTER 4	MAY 2008	9.71	9.49
SEMESTER 5	DEC 2008	9.52	9.5
SEMESTER 6	MAY 2009	9.36	9.48
SEMESTER 7	DEC 2009	8.68	9.39

PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	DR.S.R.VIDYALAYA	MAHARASHTRA STATE BOARD	2004	89.33
XIIth	SATHAYE COLLEGE	MAHARASHTRA STATE BOARD	2006	89.83
B.TECH	NITK SURATHKAL	NATIONAL INSTITUTE OF TECHNOLOGY SURATHKAL,KARNATAKA	2010	9.48(CGPA)

SUPPLEMENTARY INFORMATION

EXTRA CURRICULAR ACTIVITIES

1)Convenor of Techfest of NITK - ENGINEER, the annual technical festival.

2)Joint Secretary of Indian Institute for Technical Education, NITK chapter. We organize
    ->Tech fest- TRANSCEND.
    ->'Computer Awareness Campaign' for school children.
    ->Cultural fest-NITQUEST
    ->Business fest- TYCOON

3)Executive member of Star Gazing Club, NITK which aims at improving the knowledge of Astronomy among school and college children.

4)Served as Class Representative of 3rd year Computer Engineering NITK, Surathkal.

5)Member of organizing committee of Incident-2008 as a member of Publicity committee.

7)Member of organizing committee of Engineer-2008 as a member of Office committee.

8)Trained in carnatic classical music for 7 years. Awarded certificate of excellence by Swaralaya Sangeet Academy, Mumbai.

9)Proficient in sketching and painting.

ABOUT MYSELF

Awards, honours:

1)Received the OPJEMS scholarship (awarded by the Jindal Group), which is awarded to 102 students across the top engineering and management universities in India, and includes a cash amount of Rs. 65,000.

2)Topper of the Computer Science Department of my batch of 70 students with a CGPA of 9.48.

3)Received Rishipal Singh Memorial Award for the Best Student of 1st year B.Tech among 500+ students.

4)Received Sudarshan Bhat Memorial Prize for getting highest CGPA in 1st year B.Tech.

5)Received Arun V.Hegde Memorial Prize for securing highest CGPA in 5th Semester Computer Engineering.

6)Received a certificate of merit from Institution of Engineers (NITK chapter) for topping the batch of 500+ students in 1st year, topping my department in 2nd year and 3rd year.

7)Silver medalist at Homi Bhabha Science Talent Examination in April, 2003.

CO-CURRICULAR ACTIVITIES
1)Parallel Algorithms:

CO-CURRICULAR ACTIVITIES

->Worked on the study and implementation of "Parallel Integer Sorting" that included MPI Implementations of different algorithms and comparison of relative parallel efficiencies as a part of the summer project(under IASc-INSA-NASI Summer Research Fellowship Programme) at Indian Institute of Technology, Delhi under the guidance of Prof.Sandeep Sen.

->Developed a distributed environment to solve some of the mathematical problems and compare their efficiency with the sequential algorithms. The problems worked on:
- Matrix multiplication of higher orders
- Exponentiation
- Prime number check

Implementation was done using JAVA RMI as JAVA is platform independent and has extensive class libraries that make the development efficient.

2)Databases: Developed a database to store the information of outside participants for our college tech fest 'ENGINEER-2008' which was useful to keep an organized record of the participants' contacts, addresses, registrations, accommodations and other details such as winners of various events.
The system was developed using Microsoft Visual Basic 6.0 as front end and Oracle 10g as backend.

3)Web Designing:

->Developed the web site of Indian Society for Technical Education, NITK chapter. The site was developed using mainly HTML, JavaScript, PHP. This site provides information about the club-ISTE and is mainly used for online registration for various events organized by the club.

->Currently working on developing the college website (of NITK). We are using the CMS Joomla 1.5.8 for the development.

4)Graphics project: Developed a set of 3 games as a part of the Computer Graphics course which were a simulation of
- Car Race
- Football
- Maze Solving

The implementation was done in C.

5)Attended "The Graphic World" workshop by Indian Academy of Sciences in the summer-2008.

6)Won 2nd prize in Techpaper (technical paper competition) at Tryst 2009, techfest of IIT Delhi.

REFERENCE 1 :   REFERENCE 2 :

Prof.Sandeep Sen,   Mr.Vinay Kumar,
Head of Department,   Compter Engineering Department,
Indian Institute of Technology, Delhi.   National Institute of Technology Surathkal, Karnataka.
email:ssen@iitd.ernet.in   email:vinay@nitk.ac.in