AMIT DEEPAK DESHMUKH   B.TECH

Branch   : INFORMATION TECHNOLOGY
Gender   : MALE
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PRESENT ADDRESS	PERMANENT ADDRESS
ROOM NO- 557,MEGA-BLOCK,NITK HOSTEL,SURATHKAL,SRINIVASNAGAR P.O-575025	QR.NO 1/D,STREET-52,SECTOR-8, BHILAI,CHHATTISGARH-49009

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	8.25	7.96
SEMESTER 3	DEC 2007	8.76	8.22
SEMESTER 4	MAY 2008	8.13	8.2
SEMESTER 5	DEC 2008	8.93	8.35
SEMESTER 6	MAY 2009	7.75	8.26

PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	BSP SENIOR SECONDARY SCHOOL SECTOR-7,BHILAI	CBSE	2003	84.4
XIIth	BSP SENIOR SECONDARY SCHOOL SECTOR-10,BHILAI	CBSE	2005	74.2
B.TECH	NITK	NITK SURATHKAL	2010	8.26(CGPA)

SUPPLEMENTARY INFORMATION

EXTRA CURRICULAR ACTIVITIES

1)Executive member of ISTE (Indian Society For Technical Education),NITK Students chapter.

2)Executive member of NSS (National Service Scheme).

3)Member of the organising commitee of Engineer 2008 and Engineer 2009, the annual technical symposium of NITK.

4)Member of the organising commitee of Incident 2007,2008 and 2009 , the annual cultural festival of NITK.

ABOUT MYSELF

Areas Of Interest:
Computer Networks, Database Management Systems, Artificial Intelligence.

CO-CURRICULAR ACTIVITIES

1)Database Management Project/Software engineering Project:
As a part of the B-Tech curriculum did a project titled 'Real estate Portal'. The project included sales and extensive search of properties, government validation of properties and related bank transactions. 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 VB frame work for a stand-alone software.

Further in software engineering the portal was made web-based with a Frontend of Drupal CMS and Backend using MySql .

2)MINIRel Project:
As a part of B-Tech curriculum completed a mini project that can create relation and query the created relation. User enters command that is parsed and can even use the GUI for the same purpose. C++ was used for coding purpose and GUI purpose. It implemented functions like Create, Insert, Destroy, Describe, Load, Print, Delete, Select, Project and Equi-Join based on a set of format provided.

3)Computer Graphics Project:
As part of the B-Tech curriculum completed a Graphics editor project. The Graphics editor incorporated features like drawing lines, circles, polygons.It also presented standard algorithm based clipping, translations, rotations, scaling and 2D animation. These various different and efficient algorithms were taught during the Computer Graphics course.C language was used for implementation purpose.

4)Project/Intern under Prof Timothy Poston, Chief Scientist, PADO and Visiting Prof at NIAS, IISc, Bangalore, India (May, 2008 – July, 2008)

4.1) Undertook a summer project at National Institute of Advance Sciences Bangalore under the Guidance of Professor Tim Poston during May –June 2008. The project included the analysis of Vectors, Matrices and their representation in a format understandable to all resulting a new approach of understanding mathematics aptly called by Prof. Tim Poston as the 2by2 way.

CO-CURRICULAR ACTIVITIES

4.2)Took part in the development of a ' Math Editor' a text editor with advanced features for typing mathematical expressions in MathMl again under the guidance of Prof. Tim Poston. The editor included Unfolding Equations, Variable Declaration reference as its features.

5) Summer Project (2009,May-June)

Perceptual Audio Coding:-
Worked on the topic 'perceptual audio coding', that involves removal of parts of the signal, in an audio sample ,that human cannot perceive using psychoacoustics 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.

6)Gave a seminar on WiMax Technology for wireless broadband communication as a part of curricullum under the course 'Professional Practices'.

REFERENCE 1 :

Dr. G. Ram Mohana Reddy
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REFERENCE 2 :

Prof. Timothy Poston
Chief Scientist PADO
Sir Ashutosh Mukherjee Professor,NIAS Bangalore.
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