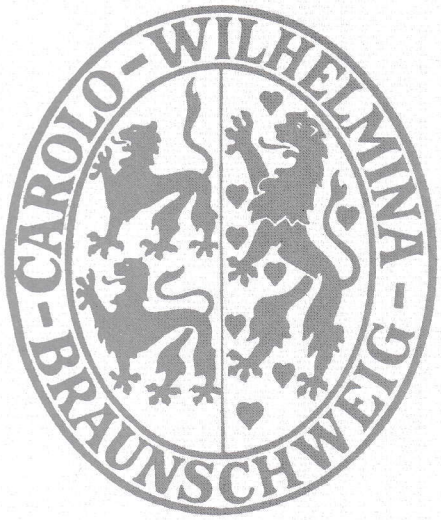
TECHNISCHE UNIVERSITÄT CAROLO-WILHELMINA ZU BRAUNSCHWEIG



Department of Mechanical Engineering
of the Technische Universität Braunschweig

CERTIFICATE

Master of Science

Mr.
Prashanth Sheshappa

born on 05.11.1985 in Hassan Karnataka

successfully completed the Master degree in

Computational Sciences in Engineering (CSE)

with an overall grade of

good (1,8)

Transcript of Records	Credit Points	Grade	
BCC-ENG Basic Core Courses - Engineering			
Solid Mechanics	5	good	2,3
Fluid Mechanics	5	satisfactory	3,3
General Continuum Physics	5	satisfactory	3,0
BCC-MCS Basic Core Courses – Mathematics and Computer Science			
Numerical Methods for PDEs I	5	good	2,3
Introduction to Scientific Computing	5	satisfactory	3,3
Algorithms and Programming	5	good	1,7
ECC-ENG Elective Core Courses – Engineering			
Fundamentals of FEM	5	good	2,3
Fluid-Structure Interaction I - Phenomena	5	satisfactory	3,3
Fundamentals of Numerical Methods in Aerodynamics	5	excellent	1,0
ECC-MCS Elective Core Courses – Mathematics and Computer Science			
Numerical Methods for PDEs II	5	excellent	1,3
Intermediate Programming	5	excellent	1,0
Scientific Visualization	5	satisfactory	3,0
IDC-LEC In-Depth Courses – Lectures			
Theory and Numerics for Conservation Laws	4	good	2,0
Numerical Analysis in Aerodynamics	4	good	1,7
Basics of Continuum Mechanics	4	good	2,0

Transcript of Records	Credit Points	Grade	
IDC-SEM In-Depth Courses – Project			
Finite Element Mesh Optimization and Load Balancing for Parallel Computation	14	excellent	1,3
IDC-SEM In-Depth Courses - Seminar			
Basics of Discrete Element Method and its applications in agricultural processes	4	not graded	
MTH Master Thesis			
Translating a CFD Postprocessor from the Standard FORTRAN 77 into FORTRAN 95 Standard, Modifying it and Parallelising the Program System Using MPI Standards	30	excellent	1,0
ADD Additional Exams			
Parallel Computing I		satisfactory	2,7

Braunschweig, 14.05.2013

TECHNISCHE UNIVERSITÄT CAROLO-WILHELMINA 21 BRAUNSCHWEIG

Prof. Dr.-Ing. Thomas Vietor
Dean

Prof.Dr.-Ing.habil. Manfred Krafczyk
Chairman of the Examination Board

Grading System: excellent (1,0 ≤ d ≤ 1,5), good (1,6 ≤ d ≤ 2,5), satisfactory (2,6 ≤ d ≤ 3,5), sufficient (3,6 ≤ d ≤ 4.0).
In case d ≤ 1,3 the degree is granted with honors. The overall grade is the average of the student's grades weighted by the number of credits given for each course.
a Not considered in the calculation of the overall grade. b Platzhalter für einen weiteren Text, c Platzhalter für einen weiteren Text
Credit Points: 120 credit points are required in order to successfully obtain the degree. One credit point represents 30 hours of student workload.
In the European Credit Transfer System (ECTS) the ECTS grade represents the percentage of successful students normally achieving the grade.
A (top 10%), B (25 %), C (30 %), D (25 %), E (10 %)