## **Indian Institute of Technology Madras**

M.Tech. Grade Card

Roll No: ME12M068

Name: DEEPAK KUMAR ROUT

Department: Mechanical Engineering

M.Tech Mechanical Engineering Stream: Mechanical Design



Course	Title	Cat Cr Gr Att	Course Title	Cat Cr Gr A
First S	emester (JUL-NOV 2012)		Third Semester (JUL-NOV 2013)	
ME6000	Computational Methods in Engg	3 D VG	ME6770 Design of Pressure Vessels & Piping	3 B C
ME6700	Advanced Mechanics of Solids	3 C VG	ME6840 Design for Manufacture and Assembly	3 B V
AE6710	Theory of Mechanisms	3 E VG	ME6900 Seminar	1 B V
AE6730	Design Stream Laboratory-I	2 A VG	ME7970* Project I	4 R *
ME6830	Principles of Product Design	3 B VG		
ME7360	Theory of Vibration	3 D VG	Earned Credit 7 GPA:8 CGPA:6.94	
ME7390	Design with Advanced Engineering Materials	3 C VG	Fourth Semester (JAN-MAY 2014)	
Earned	d Credit:20 GPA:6.6 CGPA:6.6		ME7950 Project II	16 B C
Secon	d Semester (JAN-MAY 2013)		Earned Credit 16 GPA:8 CGPA:7.2	
AM5240	Experimental Stress Analysis	3 D G		
ME6720	Failure Analysis and Design	3 C G		
ME6790	CAD & Machine Elements Lab	2 A VG		
ME6800	Finite Element Analysis	3 E VG		
ME6850	Product Reliability	3 C VG		
ME7190	Introduction to Fracture Mechanics	3 B VG		
ME7700	Design Practice	3 C VG		
ME7880	Vehicular Vibration	3 B VG		

Summary													
Semester	Ī.	11	18	Ш	IV	28	٧	VI	38	VII	VIII	4S	Total
EarnedCredits	20	23	0	7	16	0	0	0	0	0	0	0	66
Provisional registration Total	0	0	0	0	0	0	0	0	0	0	0	0	66

Cumulative grade point average secured considering only the successfully completed courses(credits) is 7.2

Project Grade 'R' = Registered; Cumulative credits of project included in the final semester

Assistant Registrar (Acad.) / Deputy Registrar (Acad.)

Page 1 of 1

Date: 18-07-2014

No: EN\2008\00216



## BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ROURKELA

#### **GRADE SHEET**

Regd. No: 0401105088

Name: DEEPAK KUMAR ROUT

Branch : BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

College : INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG

Semester : 7th Sub.Code Subjects Registered	Credit	Grade
CPME6401 METROLOGY, QUALITY CONTROL & RELIABILITY	4	Α
CPME6402 REFRIGERATION & AIR-CONDITIONING	4	A
CPME6403 MECHANICAL MEASUREMENT & CONTROL	4	A
HSSM4403 ENVIRONMENTAL ENGINEERING	3	C
PEME6402 POWER PLANT ENGINEERING	3	E
PEME6405 MANAGEMENT INFORMATION SYSTEMS	3	A
CPME9401 PROJECT	3	E
CPME9402 SEMINAR	Tarrell March	E
CPME9403 REFRIGERATION & AIR-CONDITIONING AND	2	E
Semester: Bth Sub.Code Subjects Registered	Credit	Grade
CPME6404 SIMULATION, MODELLING & CONTROL	4	D
HSSM4404 MARKETING MANAGEMENT	3	В
PEME6409 ROBOTICS & ROBOT APPLICATIONS	3	Α
PEME6413 RAPID PROTOTYPING	3	В
CPME9404 PROJECT	7	0
CPME9405 SEMINAR	1	E
CPME9406 ENTREPRENEURSHIP PROJECT	5	A
CPME9407 COMPREHENSIVE VIVA VOCE	2	0
_ SPORTS	0	A
SGPA (7th): 8.11 SGPA	(8th) : (	3. 04
Total Credits Cleared: 219		
CGPA (7th): 7.43 CGPA	(8th) : '	7. 50
Promotional Status : P (Pass)		

Director, Examination

Date:



# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ROURKELA

#### **GRADE SHEET**

Regd. No: 0401105088 Name: DEEPAK KUMAR ROUT

Branch : BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

College : INDIRA GANDHI INSTITUTE DF TECHNOLOGY, SARANG

Semest Sub. Co		Credit	Grade
CPME63	01 ENGINEERING THERMODYNAMICS	4	В
CPME63	02 MACHINE DYNAMICS - II	3	В
- CPME63	03 MACHINE DESIGN - I	3	C
CPMF63	05 MANUFACTURING SCIENCE - I	4	В
CPMT62	01 INTRODUCTION TO PHYSICAL METALLURGY	4	В
HSSM43		3	D
CPME93	01 HYDRAULIC MACHINES & PRODUCTION LABORATORY	2	A
CPME93	02 MATERIAL TESTING & HEAT POWER LABORATORY	2	A
CPME93	03 DESIGN PROJECT - I	2	В

Semester Sub. Code	: 6th Subjects Registered	Credit	Grade
CPME6307	HEAT TRASNFER	3	С
CPME6308	MANUFACTURING SCIENCE - II	3	C
CPME6304	INTERNAL COMBUSTION ENGINES & GAS TURBINES	4	В
CPME6306	MACHINE DESIGN - II	4	B
H5SM4302	PRODUCTION OPERATION MANAGEMENT	3	В
CPME6305	MECHANICS OF MATERIALS - II	3	C
CPME9304	IC ENGINE & DYNAMICS LABORATORY	2	E
CPME9306	DESIGN PROJECT - II	2	E
CPME9305	HEAT TRANSFER & PRODUCTION LABORATORY	2	E

SGPA (5th): 6.81 SGPA (6th): 7.12

CGPA (5th): 7.35 CGPA (6th): 7.32

Promotional Status : P (Pass)

Ately

**Director**, Examination

Date: 16. 10. 2007

No: EN\02\0219



### BLJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ROURKELA

#### **GRADE SHEET**

Regd. No:

0401105088

Name: DEEPAK KUMAR ROUT

Branch : Bachelor of Technology in Mechanical Engineering

College : INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG

Sub. Code	Subjects Registered.co./ Oresa Bio Patran University of Technology Oresa Bio Patran University of Technology Oresa Bio Patran University of Technology Oresa Bio Patran	Credit	Grade
BCSE3201	OBJECT ORIENTED PROGRAMMING USING C++	3	В
BENG1208	FLUID MECHANICS & HYDRAULIC MACHINES	4	C
BSCM2201	MATHAMATICS - III	4	E
BSCP2201	PHYSICS Per all I wers by of Technology, Orissa Bliu Patnaix University of Technology, Orissa Bliu Patr	3	A
CPME6201	MACHINE DYNAMICS - I	4	В
HSSM4201	ENGINEERING ECONOMICS & COSTING	as University of	A
BCSE9201	COMPUTER LABORATARY (OOPS)	2	A
BENG9201	BASIC ELECTRICAL ENGINEERING LABORATORY	2	E
BENG9203	MECHANICAL ENGINEERING LABORATORY	2	E
CPME9201	MACHINE DYNAMICS HYDRAULIC MACHINE LABORATORY	2	В

The second secon	Subjects Registered	Credit	Grade	
BCSE3202	RELATIONAL DATABASE MANAGEMENT SYSTEMS	alu Panak University et les alu Panak Univer3 y et Tex	D	
BENG1201	ELECTRICAL MACHINES	4	В	
BSCC2202	MATERIAL SCIENCES	3.	В	
BSCM2202	MATHEMATICS - IV	4	В	
CPME6202	MECHANICS OF MATERIALS - I	4	В	
HSSM4202	ORGANISATIONAL BEHAVIOUR	3	C	
BCSE9202	COMPUTER LABORATORY (RDBMS)	2	E	
BENG9202	BASIC ELECTRONICS LABORATORY	2	E	
CPME9202	MATERIAL TESTING & HEAT POWER LABORATORY	2	0	
CPME9203	WORKSHOP - III	2	A	

SGPA (3rd): 7.69

SGPA (4th): 7.24

CGPA (3rd): 7.56

CGPA (4th): 7.48

Promotional Status : P (Pass)

29. 09. 2006 Date:

Director, Examination



## BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ROURKELA

#### **GRADE SHEET**

Regd. No:

0401105088

Name: DEEPAK KUMAR ROUT

Branch:

Bachelor of Technology in Mechanical Engineering

College : INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG

Semester Sub.Code	: O1 Subjects Registered	Credit	Grade
BCSE3101	PROGRAMMING IN 'C'		С
BENG1101	MECHANICS - I	3	В
BENG1102	BASIC ELECTRICAL ENGINEERING	d Patrick Line 4 of	В
BSCC2101	CHEMISTRY - I	Patrakunyer <b>3</b> of	A
BSCM2101	MATHEMATICS - I	lu Patrair Univer 4 st	E
HSSM4101	COMMUNICATIVE ENGLISH	ing Patranction von 2 of 1	В
BCSE9101	'C' PROGRAMMING LABORATORY	Hu Patraik Universe 2 of Hu Patrair Universe 2 of Hu Patrair Universe 2 of	В
BENG9101	THAT INTERVINATION I	front	В
BENG9103	1 1 / P P 1 / P 1 1 / P P P P P P A A A P P P P A A P P P P P A A P P P P P A P P P P P P P A P	hu Patrail Erivers 2 of	E
BSCC9101		Nu Pamak Univer 2 0	A
HSSM9101		p Paires University	A

	Subjects Registered	sa Bh Lea Bh Ise Bh	Patra Credi	t Grade
BCSE3102	DATA STRUCTURE USING 'C'	Total Bi	Patnak Universal III I Patnak Universal III	D
BENG1103	THERMODYNAMICS		Painel Univer3 of	Terror A
BENG1105	BASIC ELECTRONICS		u Pathau Lintver 4	C
BSCM2102	MATHEMATICS - II		4	Α
BSCP2101	PHYSICS - I		Familia 3	Α
HSSM4102	BUSINESS COMMUNICATION IN ENGLISH		2	В
BCSE9102	DATA STRUCTURE IN 'C' LABORATORY		i Patraison (er 2 G	A
BENG9102	ENGINEERING DRAWING - II		2	E
BENG9104	WORKSHOP PRACTICE - II		Patra Com 2	E
BSCP9101	PHYSICS LABORATORY OF THE PARTIES UNIVERSITY OF THE PHOTOGON		Para Un 2	A
HSSM9102	COMMUNICATION PRACTICE LABORATORY - II		1	Α

SGPA (1st): 7.54

SGPA (2nd): 7.46

CGPA (1st): 7.54

29. 09. 2006

CGPA (2nd) : 7.50

Promotional Status : P (Pass)

Director, Examination