Indian Institute of Technology Madras

B.Tech. Grade Card

Roll No: EE07B088 Name: Ramya Korlakai Vinayak
Electrical Engineering

First Semester (JUL-NOV 2007)

Course	Title	Cat	Cr	Gr	Att
CS110	Computational Engineering	BET	3	S	VG
CY101	Chemistry I	SCY	3	A	VG
CY103	Chemistry Lab-I	SCY	1	A	VG
EP101	Introduction to Engg Physics	PMT	2	A	G
ID110	Concepts in Engineering Design	BET	2	A	VG
MA101	Elements of Calculus	SMA	3	A	VG
PH101	Physics I	SPH	3	B	VG
PH103	Physics Lab I	SPH	1	A	VG
WS101	Workshop I	BES	2	S	VG

Earned Credits: 20 GPA: 9.1

Second Semester (JAN-MAY 2008)

Course	Title	Cat	Cr	Gr	Att
CY102	Chemistry II	SCY	3	S	VG
EC101	Electrical and Magnetic Circuits	PMT	4	S	VG
MA102	Vectors, Matrices & Diff. Equations	SMA	3	A	VG
ME110	Thermodynamics	BET	3	A	VG
ME112	Engineering Drawing	BES	2	S	VG
NS102	NSO	NSO	0	X	G
PH102	Physics II	SPH	3	A	VG
PH104	Physics Laboratory II	SPH	1	S	VG
WS102	Workshop II	BES	2	S	VG

Earned Credits: 20 GPA: 9.4 CGPA: 9.25

Third Semester (JUL-NOV 2008)

Course	Title	Cat	Cr	Gr	Att
AM110	Engineering Mechanics	BET	4	A	VG
BT101	Life Sciences	SLS	2	S	VG
EC104	Digital Systems	PMT	4	S	VG
EC204	Networks & Systems	PMT	4	S	VG
EC205	CAD Laboratory	PML	1	A	VG
HS509	Accounting for Social Sciences	HSS	3	S	VG
ID120	Ecology and Environment	BET	2	A	VG
MA205	Probability & Random Processes	SMA	3	A	VG

Earned Credits: 23 GPA: 9.57 CGPA: 9.37

Fourth Semester (JAN-MAY 2009)

Course	Title	Cat	Cr	Gr	Att
EC207	EM Energy Conversion	PMT	4	S	VG
EC209	Computer Orgn. Microprocessors	PMT	4	A	VG
EC211	Digital Circuits Laboratory	PML	1	S	VG
EC220	Analog and DSP	PMT	4	A	VG
EC225	Principles of Measurement Lab	PML	2	A	VG
EC301	EM Fields	PMT	4	A	VG
HS105	Principles of Economics	HSS	4	S	VG
MA203	Linear Algebra & Numerical Analysis	SMA	3	S	VG

Earned Credits: 26 GPA: 9.62 CGPA: 9.44

Fifth Semester (JUL-NOV 2009)

Course	Title	Cat	Cr	Gr	Att
EC2010	Analog Circuits I	PMT	4	A	VG
EC2100	Solid State Devices	PMT	4	S	VG
EC3030	Power Systems Practice	PMT	4	S	VG
EC3050	Communication Systems	PMT	4	A	VG
EC3120	Microprocessor Lab	PML	1	S	G
MA2130	Basic Graph Theory	SMA	3	A	VG
PH3500	Classical Physics	SPH	3	A	VG

Earned Credits: 23 GPA: 9.52 CGPA: 9.46

Sixth Semester (JAN-MAY 2010)

Course	Title	Cat	Cr	Gr	Att
CS3200	Computer Networks	PMT	3	S	VG
EC3090	Electro Mech. Energy Lab	PML	1	S	VG
EC3210	Control Engineering	PMT	4	S	VG
EC3300	Analog Circuits Lab	PML	1	S	VG
EC3500	Industrial Training (summer)	PIT	2	S	VG
EC3560	Analog Communication Systems	PMT	4	S	VG
MA6310	Operations Research I	SMA	3	A	VG
PH3520	Quantum Physics	SPH	3	A	VG

Earned Credits: 21 GPA: 9.67 CGPA: 9.49

Seventh Semester (JUL-NOV 2010)

Course	Title	Cat	Cr	Gr	Att
CS6810	Information Theory and Coding	PMT	4	S	VG
EC4000	Advanced EE Lab	PML	1	S	VG
EC4190	Digital Communication Systems	PMT	4	A	VG
EE4890	Project I	PMP	2	R	·
EE5120	Error Control Coding	PMT	4	A	VG
HS3050	Professional Ethics	HPF	2	P	VG
IL4020	Industrial Lecture	PIL	1	P	VG

Earned Credits: 16 GPA: 9.62 CGPA: 9.5

Eighth Semester (JAN-MAY 2011) Provisional Registration

Course	Title	Cat	Cr	Gr	Att
EC4900	Project	PMP	12	·	·
EE4800	Self Study Elective	PSS	3	·	·
HS6310	Women in India,Problems & Prospects	HSS	4	·	·
PH5840	Quantum Computation and Quantum Information	MNS	3	·	·

CGPA: 9.5

Cumulative Grade Point Average (CGPA) Summary

Cat	BES	BET	HPF	HSS	MNS	PIL	PIT	PML	PMP	PMT	PPF	PSS	SCY	SMA	SPH	SLS	EXT	Total
E.Cr.	5	14	2	7		1	2	10	0	69	0	0	7	18	8	2	0	149
CGPA	10	9.21		9		-	10	9.5	0	9.62	-	0	9.43	9.5	8.38	10	0	9.5

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

Date: 7 JAN 2011

CATEGORY-WISE CREDIT REQUIREMENT FOR 2007 and 2008 BATCH B.TECH STUDENTS

Sl.No.	Category	Code	CGPA Credit	Non CGPA Credit	Course-wise Min. Credit Requirement
1.	HUMANITIES:	HSS	9		11
2.	Pass/Fail option	HPF		2	
	BASIC SCIENCES:				27-29
	Physics	SPH	8		
	Chemistry	SCY	7		
	Mathematics	SMA	12		
	Life Sciences	SLS	0-2		
3.	BASIC ENGG. :				20-23
	Theory	BET	14-17		
	Skills	BES	5		
4.	PROFESSIONAL MAJOR:				88-91
	Theory Courses	PMT	62-67		
	Laboratory	PML	5-12		
	Project	PMP	8-12		
	Self-study	PSS	3-4		
	Industrial Lecture (Pass/Fail)	PIL		1	
	Industrial Training (Pass/Fail)	PIT	2		
5.	MINOR ELECTIVES	MINS	9		9
6.	FREE ELECTIVES		6	3	6
	Total		162		

Minimum number of credits to be earned for the award of B.Tech. Degree is 165, out of which 3 credits of course work done under the Pass/Fail option re not counted towards CGPA calculation.

Grade

Grade	Code	Points
S		10
A		9
B		8
C		7
D		6
E		4
U		0
W		0

NCC/NSO/NSS
X - Satisfactory,
Y - Incomplete

P/F Type: P - Pass
F - Fail

Attendance code upto Jan-May 2009

Attendance Rounded to	Remarks	Code
90 - 100%	Very Good	VG
80 - 89%	Good	G
75-79%	Marginal	M
<75%	Poor	P

Attendance code w.e.f. July-November 2009

Attendance rounded to	Remarks	Code
$\geq$ 95	Very Good	VG
85-94	Good	G
<85%	Poor	P

Grades 'S' to 'E', 'X' and 'P' indicate successful complete of Course. No Class or Division is awarded at this Institute.

$$CGPA = \frac{\Sigma_i (C_i \times GP)}{\Sigma_i C_i}$$

Where

C_i is the credit of the Course

GP is the Grade Point for that course, and

Σ_i is the sum over all registered courses successfully cleared during all the semesters including those in which the student obtained 'U' and 'W' grades but not cleared.