

भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



GRADE REPORT

BACHELOR OF TECHNOLOGY

ELECTRICAL ENGINEERING

EIGHTH SEMESTER EXAMINATION 2015-16

Roll No.: 12104EN033

Name of Student: Gaurav Singh

Father's Name: Uday Pal Singh

Mother's Name: Anita Singh

COURSE CODE & NAME	CREDITS ASSIGNED	GRADE OBTAINED
ME-4204A : Industrial Management	12	B
EE-4201 : Energy Technologies	12	A
EE-4202 : E.H.V. Transmission	12	A
EE-4401 : Comprehensive Viva	2	A
EE-4402 : Project	6	A-
EE-4403 : Design and Simulation of Power Systems Laboratory	3	B
EE-4203 : Computer Methods in Power Systems	9	B
Semester Performance Index (SRI)	9.04	
Cumulative Performance Index (CPI)	9.10	
Total Credits Earned up to Current Semester	506	
Percentage Credits Earned up to Current Semester	100	

B.Tech. in ELECTRICAL ENGINEERING: PASSED

Date of declaration of result: 27.05.2016

Dean (Academic Affairs)

Grade	Grade Point	Performance
A*	10	Outstanding (extraordinarily high level of learning)
A	10	Excellent
A-	09	Very Good
B	08	Good
B-	07	Very Fair
C	06	Fair
C-	05	Poor (but pass grade for the course)
F	00	Fail (extremely low level of learning)
S	--	Satisfactory
X	--	Unsatisfactory
I	--	Incomplete
T	--	Waiver/Transfer
Z	0	Deregistered from the Course

Grade T stands for waiver/transfer for the work done at the other Institute/ University/ Organization.

The Semester Performance Index (SPI) is a weighted average of the grade points earned by a student in courses credited and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 respectively, the SPI is given by

$$SPI = \sum_{i=1}^5 \frac{C_i \times G_i}{C_i}$$

The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI.

In the computation of both SPI and CPI, courses with S, X and T grades are ignored.

Minimum Graduation Requirements-

- i.) Pass grade in all courses
- ii.) Earned required credits
- iii.) CPI = 5.00

From SPI/CPI, the equivalent average percentage of marks may be obtained by using the following formula:

$$X = 10 Y$$

where, X is the equivalent average percentage of marks and Y is the SPI/CPI, as the case may be

GRADE REPORT

BACHELOR OF TECHNOLOGY ELECTRICAL ENGINEERING SEVENTH SEMESTER EXAMINATION, 2015-16

Roll No.: 12104EN033
 Name of Student: Mr. Gaurav Singh
 Father's Name: Sri Uday Pal Singh
 Mother's Name: Smt. Anita Singh

COURSE CODE & NAME	CREDITS ASSIGNED	GRADE OBTAINED
EE-4101: Artificial Intelligence	9	B-
EE-4102: Digital Control Systems	9	A-
EE-4103: High Voltage Engineering	9	A-
EE-4104: Power Semiconductor Drives	9	B-
EE-4107: Utilization of Electrical Energy	9	A-
EE-4301: Electrical Engineering Laboratory	3	A-
EE-4302: Design and Simulation of Electrical Machines	3	B
EE-4303: Seminar	3	C
EE-4304: Project Preparation	3	B
EE-4305: Practical Training / Tour Viva voce	2	A
Semester Performance Index (SPI)	8.17	
Cumulative Performance Index (CPI)	9.11	
Total Credits Earned up to Current Semester	450	
Percentage Credits Earned up to Current Semester	100	

Prepared by : *M.G.M.*

Checked by : *J.M.S.*

Date of declaration of result: 29 JANUARY 2016

[Signature]
Dean (Academic Affairs)

Grade	Grade Point	Academic Performance
A*	10	Outstanding (extraordinarily high level of learning)
A	10	Excellent
A-	09	Very Good
B	08	Good
B-	07	Very Fair
C	06	Fair
C-	05	Poor (but pass grade for the course)
F	00	Fail (extremely low level of learning)
S	--	Satisfactory
X	--	Unsatisfactory
I	--	Incomplete
T	--	Waiver/Transfer
Z	0	Deregistered from the Course due to insufficient attendance

Grade T stands for waiver/transfer for the work done at other Institute/University/Organization.

The Semester Performance Index (SPI) is a weighted average of the grade points earned by a student in courses credited and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 respectively, the SPI is given by

$$SPI = \sum_{i=1}^5 \frac{C_i \times G_i}{C_i}$$

The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI, Considering all the courses (say, n), and is given by

$$CPI = \sum_{i=1}^n \frac{C_i \times G_i}{C_i}$$

In the computation of both SPI and CPI, courses with S, X and T grades are ignored.

GRADE REPORT

BACHELOR OF TECHNOLOGY ELECTRICAL ENGINEERING SIXTH SEMESTER EXAMINATION, 2014-15

Roll No.: 12104EN033

Name of Student: Gaurav Singh

Father's Name: Uday Pal Singh

Mother's Name: Anita Singh

CODE & NAME OF COURSE	CREDITS ASSIGNED	GRADE OBTAINED
EE-3201: Analysis and Applications of Power Electronic Converters	9	B
EE-3202: Analysis and Control of Electric Drives	9	B
EE-3203: Computer Systems	9	A
EE-3204: Power System Analysis and Control	9	A-
EE-3205: Modeling and Simulation	9	A
HU- 3205 : Industrial Sociology	9	A-
EE-3401: Electrical Engineering Laboratory	6	A-
EE-3402: Design and Simulation of Power Electronic Circuits	3	A
EE-3403: Design and Simulation of Control Systems	3	A*
Semester Performance Index (SPI)	9.09	

Prepared by : M.K

Checked by : Aman

Date of declaration of result: 19 August 2015


Dean (Academic Affairs)

Grade	Grade Point	Academic Performance
A*	10	Outstanding (extraordinarily high level of learning)
A	10	Excellent
A-	09	Very Good
B	08	Good
B-	07	Very Fair
C	06	Fair
C-	05	Poor (but pass grade for the course)
F	00	Fail (extremely low level of learning)
S	--	Satisfactory
X	--	Unsatisfactory
I	--	Incomplete
T	--	Waiver/Transfer
Z	0	Deregistered from the Course due to insufficient attendance

Grade T stands for waiver/transfer for the work done at the other Institute/University/Organization.

The Semester Performance Index (SPI) is a weighted average of the grade points earned by a student in courses credited and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 respectively, the SPI is given by

$$SPI = \sum_{i=1}^5 \frac{C_i \times G_i}{C_i}$$

The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI.

In the computation of both SPI and CPI, courses with S, X and T grades are ignored.

**GRADE REPORT**
**BACHELOR OF TECHNOLOGY
ELECTRICAL ENGINEERING
FIFTH SEMESTER EXAMINATION, 2014-15**

Roll No.: 12104EN033

Name of Student: Gaurav Singh

Father's Name: Uday Pal Singh

Mother's Name: Anita Singh

CODE & NAME OF COURSE	CREDITS ASSIGNED	GRADE OBTAINED
EE-3101: Linear Control System	9	A
EE-3102: Microprocessors and Microcontrollers	12	A
EE-3103: Power Electronic Devices and Converters	9	A
EE-3104: Power System Protection and Switchgears	9	A-
EC-3104A: Digital Circuits and System	9	A
EE-3105: Algorithm and Data Structures	12	A
EE-3301: Electrical Engineering Laboratory	6	A-
EC-3304A: Digital Electronics Laboratory	3	B-

Semester Performance Index (SPI) 9.65

Prepared by : Gaurav SinghChecked by : Gaurav Singh

Date of declaration of result:

13 APR 2015**Dean (Academic Affairs)**

Performance	Grade	Grade Point
Outstanding (extraordinarily high level of learning)	A*	10
Excellent	A	10
Very Good	A-	09
Good	B	08
Very Fair	B-	07
Fair	C	06
Poor (but pass grade for the course)	C-	05
Fail (extremely low level of learning)	F	00
Satisfactory	S	--
Unsatisfactory	X	--
Incomplete	I	--
Waiver/Transfer	T	--

Grade T stands for waiver/transfer for the work done at the other Institute/ University/ Organization.

The Semester Performance Index (SPI) is a weighted average of the grade points earned by a student in courses credited and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 respectively, the SPI is given by

$$SPI = \sum_{i=1}^5 \frac{C_i \times G_i}{C_i}$$

The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI.

In the computation of both SPI and CPI, courses with S, X and T grades are ignored.

**GRADE SHEET**

B.TECH. FOURTH SEMESTER
Electrical Engineering
EXAMINATION 2013-14

Name of Student: Mr. Gaurav Singh
Permanent Roll No.: 12104EN033
Father's Name: Shri Uday Pal Singh
Mother's Name: Smt. Anita Singh

Course Code & Name	Credits Assigned to the Course	Grade Obtained
Theory Papers:		
AM-2204A: Numerical Methods	9	A-
EC-2204A: Analog Circuits and Systems	12	A-
EE-2201: Network Analysis and Synthesis	9	A
EE-2202: Power Transmission & Distribution	9	A-
EE-2203: Synchronous and Induction Machines	12	A
EE-2204: Optimization Techniques	9	A
Practical:		
EE-2401: Electrical Engineering Laboratory	6	A
EC-2404A: Analog Circuits and Systems Laboratory	6	A-
Sum of (Credits x Grade Point) Obtained in IV Sem.	72	684
Fourth Semester Performance Index (SPI)		
Total (Credits x Grade Point) Earned upto IV Sem.		9.50
Cumulative Performance Index (CPI) upto IV Sem.		2350
		9.18

Date of Declaration of Result: 14 JUL 2014

Prepared by: ✓

Checked by: 1. Bhawna
2. Sunil

..... Soni

DEAN
(Academic Affairs)

Academic Performance	Grade	Score or Grade Point
Outstanding (Extraordinarily high level of learning)	A*	10
Excellent	A	10
Very Good	A-	09
Good	B	08
Very Fair	B-	07
Fair	C	06
Poor (but pass grade for the course)	C-	05
Fail (extremely low level of learning)	F	00
(Research unit) Satisfactory	S	Credit earned
(Research unit) Unsatisfactory	X	No credit earned
Incomplete	I	--
Waiver/Transfer	T	Credit earned

'T' will be awarded in those courses or research/project which are waived off for students going to other Institute/University/Organization as Non Degree Student and earned credits and grades.

Semester Performance Index (SPI) – The Semester Performance Index (SPI) is a weighted average of the grade points obtained by a student in courses and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 , the SPI is given by

$$SPI = \frac{C_1 \times G_1 + C_2 \times G_2 + C_3 \times G_3 + C_4 \times G_4 + C_5 \times G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

S and X grades and associated credits shall not be considered in the computation of the SPI.

Cumulative Performance Index (CPI) - The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI, considering all the courses (say, n), and is given by

$$CPI = \sum_{i=1}^n \frac{C_i \times G_i}{C_i}$$

Whenever a student is permitted to repeat or substitute a course, the new letter grade replaces the old letter grade in the computation of the CPI, but, both the grades appear on his/her Grade Report.

IMPORTANT

Immediately after receipt of Grade-Report candidates are advised to verify and ensure that: (a) the name, roll number, father's name and mother's name have been correctly written; (b) the Grades have been entered against the subjects registered; and (c) there is no overwriting or erasing.

In the event of any inaccuracy/discrepancy in regard to any of the above, they are advised to inform the Dean (Academic Affairs), IIT(BHU) within a week of the receipt of Grade-Report.

SPEED POST

aurav Singh
322, Sector-2
Ghaziabad, UP.
8009693392

to



भारतीय
प्रौद्योगिकी
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INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

GRADE SHEET

B.TECH. THIRD SEMESTER Electrical Engineering EXAMINATION 2013-14

Name of Student: Mr. Gaurav Singh
Permanent Roll No.: 12104EN033
Father's Name: Shri Uday Pal Singh
Mother's Name: Smt. Anita Singh

Course Code & Name	Credits Assigned to the Course	Grade Obtained
Theory Papers:		
MS-2104A : Materials Science	9	A
EE-2101 : DC Machines and Transformers	12	A
EE-2102 : Electrical Circuits and systems	9	A
EE-2103 : Electrical Measurements	9	A
EE-2104 : Electromagnetic Fields	9	A*
EE-2105 : Logic Design Theory	9	A*
Practical:		
EE-2301 : Electrical Engineering Laboratory	6	A
EE-2302 : Introduction to Design of Electrical Systems	3	B
Sum of (Credits x Grade Point) Obtained in III Sem.	66	654
Third Semester Performance Index (SPI)		
Total (Credits x Grade Point) Earned upto III Sem.		1666
Cumulative Performance Index (CPI) upto III Sem.		9.05

Date of Declaration of Result: 2 JUN 2014

Prepared by: *R.*

Checked by: 1. *S. Kumar*
2. *S. Kumar*

Parvinder Kumar

DEAN
(Academic Affairs)

Academic Performance	Grade	Score or Grade Point
Outstanding (extraordinarily high level of learning)	A*	10
Excellent	A	10
Very Good	A-	09
Good	B	08
Very Fair	B-	07
Fair	C	06
Poor (but pass grade for the course)	C-	05
Very Poor (but pass grade for the course)	D	04
Fail (insufficient level of learning)	E	02
Fail (extremely low level of learning)	F	00
(Research unit) Satisfactory	S	Credit earned
(Research unit) Unsatisfactory	X	No credit earned
Incomplete	I	--
Waived/Transferred Credits	T	Credit earned

'T' will be awarded in those courses or research/project which are waived off for students going to other Institute/University/Organization as Non Degree Student and earned credits and grades.

Semester Performance Index (SPI) – The Semester Performance Index (SPI) is a weighted average of the grade points obtained by a student in courses and describes his/her academic performance in a semester. If the grade points associated with the letter grades awarded to a student are G_1, G_2, G_3, G_4 , and G_5 in five courses and the corresponding credits are C_1, C_2, C_3, C_4 , and C_5 , the SPI is given by

$$SPI = \frac{C_1 \times G_1 + C_2 \times G_2 + C_3 \times G_3 + C_4 \times G_4 + C_5 \times G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

S and X grades and associated credits shall not be considered in the computation of the SPI.

Cumulative Performance Index (CPI) - The Cumulative Performance Index (CPI) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI, considering all the courses (say, n), and is given by

$$CPI = \sum_{i=1}^n \frac{C_i \times G_i}{C_i}$$

Whenever a student is permitted to repeat or substitute a course, the new letter grade replaces the old letter grade in the computation of the CPI, but, both the grades appear on his/her Grade Report.

IMPORTANT

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In the event of any inaccuracy/discrepancy in regard to any of the above, they are advised to inform the Dean (Academic Affairs), IIT(BHU) within a week of the receipt of Grade-Report.

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**INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI**

GRADE REPORT

Roll No. : 12104EN033

Name : Mr. Gaurav Singh

Father's Name : Shri Uday Pal Singh

Mother's Name : Smt. Anita Singh

Department : Electrical Engineering

Degree : 4-YEAR B.TECH.

Year and Semester	Course No. and Course Title	Credit	Grade	SPI	CPI
2012-13 FIRST	AM-1101: Mathematics	3	B		
	AP-1101: Physics	3	A		
	AC-1101: Chemistry	3	A		
	ME-1101: Engineering Mechanics	3	B		
	AM-1103: Computer Programming and Graphics	11	A		
	AP-1301: Physics Lab.	3	A		
	AM-1301: Computer Lab.	2	S		
	ME-1301: Engineering Drawing	4	D		
	ME-1302: Workshop Practice	3	A		
	Total	59		8.52	8.52
2012-13 SECOND	AM-1202: Mathematics	9	A		
	AP-1202: Physics	9	A		
	AC-1202: Chemistry	9	B		
	ME-1202: Thermodynamics	9	B		
	ES-1201: Environmental Studies	8	S		
	PC-1201: Professional Communication	6	C		
	AP-1402: Physics Lab.	3	A		
	AC-1401: Chemistry Lab.	3	A		
	ME-1403: Workshop Practice	3	A		
	Total	59		8.63	8.58

Date : 16 MAY 2013

Prepared by : *Gaurav Singh*Checked by : 1. *R*
2. *S*

(For remarks please see overleaf)

DEAN
(Academic Affairs)

(2)

GRADE	GRADE POINT	MERIT
S	10	Outstanding
A	09	Excellent
B	08	Very Good
C	07	Good
D	06	Fair
E	05	Satisfactory
F	00	Failed
I	00	Incomplete

A student may be awarded the I (Incomplete) grade in a course if he/she has missed, for a genuine reason, a minor part of the course requirement but has done satisfactorily in all other parts. An I grade is not awarded simply because a student has failed to appear in examination(s). An I grade is converted by the Instructor-in-Charge into an appropriate letter grade after the student completes the requirements of the Course at an appropriate time in subsequent semesters.

The SPI is an indicator of the overall academic performance of a student in all the courses he/she has registered during a given semester. It is computed as follows: If the grades awarded to a student are G₁, G₂ etc. in courses with corresponding credits C₁, C₂ etc., the SPI is given by

$$SPI = (C_1 G_1 + C_2 G_2 + \dots) / (C_1 + C_2 + \dots)$$

The CPI indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/summer term. It is computed in the same manner as the SPI, considering all the courses (say, n), and is given by

$$CPI = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

Whenever a student is permitted to repeat or substitute a course, the new letter grade replaces the old letter grade in the computation of the CPI, but, both the grades appear on his/her Grade Report.

IMPORTANT

Immediately after receipt of Grade-Report candidates are advised to verify and ensure that: (a) the name, roll number, father's name and mother's name have been correctly written; (b) the Grades have been entered against the subjects registered; and (c) there is no overwriting or erasing.

In the event of any inaccuracy/ discrepancy in regard to any of the above, they are advised to inform the Dean (Academic Affairs), I.I.T. (BHU) within a week of the receipt of Grade-Report.



INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI

GRADE-CARD

B.TECH. FIRST SEMESTER
Electrical Engineering
EXAMINATION 2012-13

Name of the Student : Mr. Gaurav Singh
 Permanent Roll No. : 12104EN033
 Father's Name : Shri Uday Pal Singh
 Mother's Name : Smt. Anita Singh

Course Code and Name	Credits Assigned to the Course	Grade Obtained
<u>Theory :</u>		
AM-1101: Mathematics	9	B
AP-1101: Physics	9	A
AC-1101: Chemistry	9	A
ME-1101: Engineering Mechanics	9	B
AM-1103: Computer Programming and Graphics	11	A
<u>Practicals :</u>		
AP-1301: Physics Laboratory	3	A
AM-1301: Computer Laboratory	2	S
ME-1301: Engineering Drawing	4	D
ME-1302: Workshop Practice	3	A
Total Credits	59	
Sum of (Credits x Grade Point) obtained in First Semester	503	
First Semester Performance Index (SPI)	8.52	

Date of Declaration of Result : March 06, 2013

Prepared by :

Checked by : 1.....

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DEAN
(Academic Affairs)

Grade	Grade Point	Merit
S	10	Outstanding
A	09	Excellent
B	08	Very Good
C	07	Good
D	06	Fair
E	05	Satisfactory
F	00	Failed
I	00	Incomplete

A student may be awarded the I (Incomplete) grade in a course if he/she has missed, for a genuine reason, a minor part of the course requirement but has done satisfactorily in all other parts. An I grade is not awarded simply because a student has failed to appear in examination(s). An I grade is converted by the Instructor-in-Charge into an appropriate letter grade after the student completes the requirements of the Course at an appropriate time in subsequent semesters.

The SPI is an indicator of the overall academic performance of a student in all the courses he/she has registered during a given semester. It is computed as follows: If the grades awarded to a student are G1, G2 etc. in courses with corresponding credits C1, C2 etc, the SPI is given by

$$SPI = (C_1G_1 + C_2G_2 + \dots) / (C_1 + C_2 + \dots)$$

IMPORTANT

Immediately after receipt of Grade-Card candidates are advised to verify and ensure that: (a) the name, roll number, father's name and mother's name have been correctly written; (b) the Grades have been entered against the subjects offered/appeared; (c) the total Credits mentioned at the bottom are correct; and (d) there is no overwriting or erasing.

In the event of any inaccuracy/ discrepancy in regard to any of the above, they are advised to inform the Dean (Academic Affairs), I.I.T. (BHU) within a week of the receipt of Grade-Card.