

# Right on the Mark(s): Converting Grades from India

International Educators of Illinois 2022

Brock Goldflies, Scholaro Inc.

# Introduction

Brock Goldflies

Credential Evaluator, Scholaro, Inc.

# Agenda

- I. Introduction to Indian Grading
- II. Grading at the Secondary vs. Postsecondary Level
- III. Examples and Practical Exercises with Grading

# I. Introduction to Indian Grading

A review of the basics and an overview of India's education system

# Going Over the Basics

# Basics of Grading:

- Converting foreign grades to 4-point US grades takes understanding of the country's education system before attempting to establish a conversion scale.
- Quote from Guy Haug (page 56) “Many systems are not continuous, but divided into ‘classes’ or ‘categories’ that correspond to very broad levels of performance.”
- Another factor to consider is institution-specific grading, in addition to other factors such as the field of study.
- Relative (norm-referenced) vs. Absolute (Criterion-referenced) Grading Systems

# What are Credits/Units?

# Units

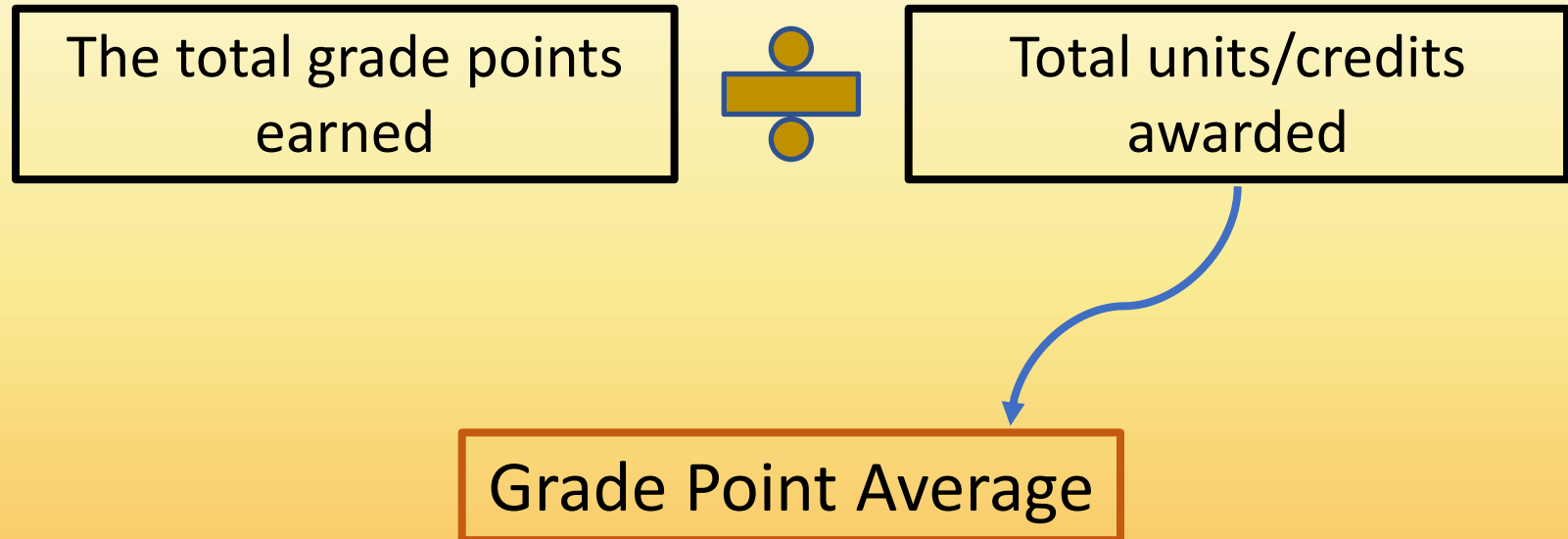
- The Carnegie unit was created to establish a standard measurement of students' coursework at the secondary level.
- One Carnegie unit is equivalent to one academic year of study in a subject in a class meeting four or five times a week for 40 – 60 minutes each.
- Although not every state in the US uses this system, it serves as a model for converting foreign units at the secondary level.



# Credits

- “Higher education is based on credits awarded to each class; each degree level requires a certain number of credits.”
- “One semester hour of credit is normally awarded for a class meeting 1 hour (or 50 minutes) per week for 15 weeks.”
- Many institutions require a minimum of 15.00 credit hours per semester, since the semester is usually 15 weeks long.

# A Refresher on GPA



Step 1	Total number of foreign credits			
Step 2	Number of full-time years completed			÷
	Multiply the number of U.S. credits in one year			
Step 3	Number of U.S. credits completed in similar time frame		→	
Step 4	Determine the conversion factor			
Step 5	Divide by the conversion factor to determine U.S. credits			

# Calculating a GPA in 5 Steps

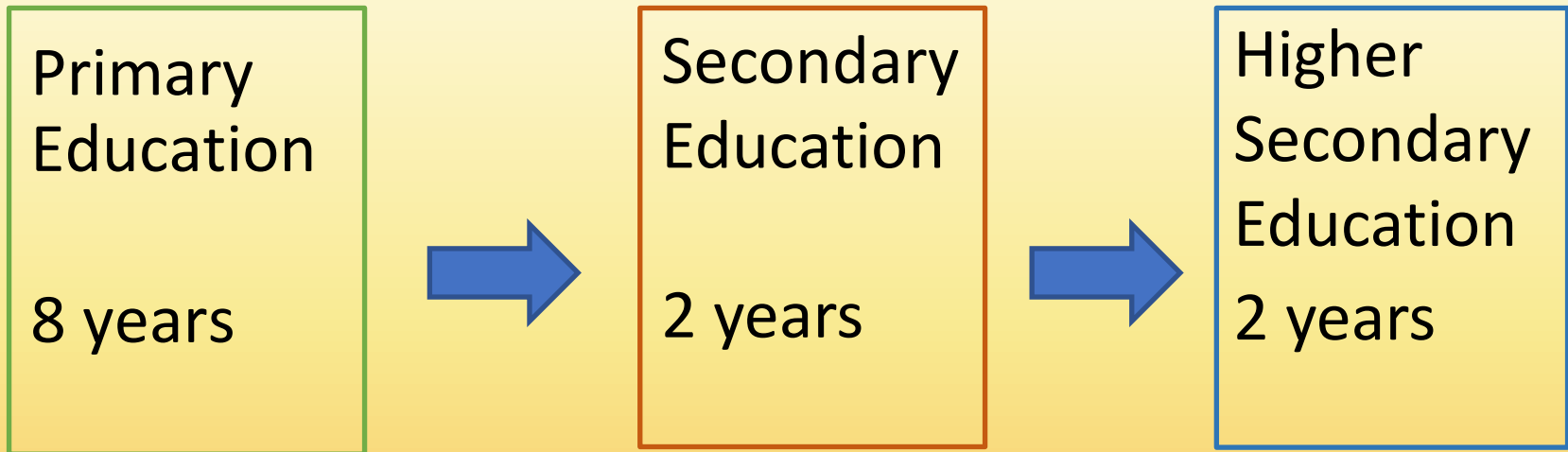
- 1:** Evaluate your transcript, and convert into the appropriate credits, and US grades
- 2:** Multiply the credits for each course by the grade points value of the US grade
- 3:** Add the credits together and determine the total
- 4:** Add the grade points together and determine the total
- 5:** Divide the total number of grade points by the total number of credits to get the GPA

# Calculating an Indian GPA in 5 Steps

- 1:** Evaluate your transcript, and convert marks into the appropriate credits, and US grades (or convert the grades into US ones).
- 2:** Multiply the credits for each course by the grade points value of the US grade
- 3:** Add the credits together and determine the total
- 4:** Add the grade points together and determine the total
- 5:** Divide the total number of grade points by the total number of credits to get the GPA

# Primary and Secondary Education:

Overview of the different stages:



# Unique Features of Indian Tertiary Education

- Bachelor's degrees can be either three years or four, and completion of either one usually grants access to master's-level studies.
  - Professional bachelor's degrees such as the Bachelor of Architecture are typically five years, and the Bachelor of Medicine and Bachelor of Surgery (MBBS) can be four to five-and-one-half years in length.
- Post Bachelor's degrees such as the Bachelor of Education are completed following a three-year bachelor's degree. The Bachelor of Law is two to three years following a three-year bachelor.
  - There is also the Post Graduate Diploma, which is also one year following a three-year bachelor—serves to meet the 12 + 4 year requirement for US institutions.
- Master's degrees are typically two years, or sometimes one year following a four-year bachelor. Most master's degrees grant access to doctoral studies.
  - The Master of Computer Application (M.C.A.) used to be three years (now two), and The Master of Surgery is three years following the MBBS.
- Certain professional first degrees, such as the Bachelor of Architecture or the MBBS, can grant access to doctoral programs.

## II. Grading at the Secondary vs. Postsecondary Level

Examples of transcripts (marks sheets) and how the coursework is graded



# Examples of Secondary documents

# University of Bombay

NO. 13/4471



BOMBAY, 15/6/19

Certificate showing the number of marks gained in each head of passing by

at the INTERMEDIATE SCIENCE EXAMINATION held in APRIL 1977

ROLL NUMBER	HEADS OF PASSING												TOTAL OF SCIENCE SUBJECTS	GRAND TOTAL	PA
	ENGLISH	MODERN INDIAN LANGUAGE OR CLASSICAL/ MODERN EUROPEAN LANGUAGE	PHYSICS		CHEMISTRY		MATHEMATICS	BIOLOGY		GEOLOGY					
2021	LOWER	HIGHER	THEORY	PRACTICAL	THEORY	PRACTICAL	TWO PAPERS	THEORY	PRACTICAL	THEORY	PRACTICAL				
MAXIMUM MARKS	100	100	150	50	150	50	200	150	50	150	50	600	800		
MINIMUM FOR PASSING	30	30	49	16	49	16	66	49	16	49	16	—	—		
MARKS OBTAINED	31	44	54	21	65	35	..	51	18	..	..	244	319	.. 512	

*K. S. Kojge*

Offg. UNIVERSITY REGISTRAR



The Jammu & Kashmir State Board of School Education  
Higher Secondary Part Two Examination

1160

Annual 1999

ROLL NO

150714

FACULTY

Arts

SUBJECTS	THEORY				PRACTICAL				TOTAL		
	A	B	TOTAL	MIN	INTR	EDTR	TOTR	MIN	MARKED	MARK	PASSING
General English	44	47	91	49					91	150	
Hindi	32	52	84	54					84	150	
Philosophy	45	39	84	54					84	150	
Psychology	45	43	88	43	11	13	24	11	112	150	
<b>F i r s t D i v i s i o n</b>									<b>371</b>	<b>600</b>	

JT : 20 May 99

  
SECRETARY

ERRORS & OMISSIONS EXCEPTED  
ANY QUERY OR CLARIFICATION MAY  
BE SOUGHT FROM THE BOARD BUT  
WITHIN SIX MONTHS OF THE DATE OF  
DECLARATION OF THIS RESULT

FAILED

PREVIOUSLY PASSED

STATUTORY CONCESSION

- F

- P

- S

ਲਗਠੇ ਨੰ. : TT3U 167848  
Sc. No. : 113429



ਰੋਲ ਨੰ. : / Roll No. : 754418  
ਰਜਿ. ਨੰ. : / Regn. No. : B-98-LS-534632

**ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ**  
**PUNJAB SCHOOL EDUCATION BOARD**  
ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ (ਬਾਰਵੀਂ ਸ਼੍ਰੇਣੀ) ਪਰੀਖਿਆ / Senior Secondary (12th Class) Examination  
**ਪ੍ਰਮਾਣ ਪੱਤਰ / CERTIFICATE**

ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ / Certified that [Redacted]

ਪਿਤਾ ਦਾ ਨਾਂ / Father's Name : [Redacted]

ਮਾਤਾ ਦਾ ਨਾਂ / Mother's Name : [Redacted]

ਸੰਸਥਾ ਦਾ ਨਾਂ / Name of the Institution :  
DISTRICT : LUDHIANA

ਨੇ ਇਸ ਬੋਰਡ ਦੀ ਸਤੰਬਰ, 2003 ਵਿੱਚ ਹੋਈ ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ (ਬਾਰਵੀਂ ਸ਼੍ਰੇਣੀ) ਪਰੀਖਿਆ 244 ਅੰਕ ਪ੍ਰਾਪਤ ਕਰਕੇ ਦੂਜੇ ਦਰਜੇ ਵਿੱਚ ਪਾਸ ਕੀਤੀ ਹੈ / has passed the Senior Secondary (12<sup>th</sup> Class) Examination of this Board held in SEPTEMBER, 2003 obtaining 244 marks in SECOND Division.

\* ਕਰੁੱਪ / Group : HUMANITIES

ਅੰਕਾਂ ਦਾ ਵੇਰਵਾ / Detail of Marks :

ਲਗਠੇ ਨੰ. Sr. No.	ਵਿਸ਼ਾ / Subject	ਪ੍ਰਾਪਤ ਅੰਕ Marks obtained	ਪਾਸ ਅੰਕ Pass Marks	ਥੋੜੇ ਤੋਂ ਵੱਧ ਅੰਕ Maximum Marks
1.	ਜਨਰਲ ਪੰਜਾਬੀ / General Punjabi	052	25	75
2.	ਜਨਰਲ ਅੰਗਰੇਜ਼ੀ / General English	036	25	75
3.	PUNJABI ELECTIVE TH PR	050	33	100
4.	HISTORY	045	33	100
5.	PHYSICAL EDUCATION & SPORTS 14 47	061	10+23=33	100
6.				
	<b>ਜੋੜ / Total TWO FOUR FOUR</b>	<b>244</b>	<b>149</b>	<b>450</b>
7.	ਕਾਨੂੰ ਵਿਸ਼ਾ / Additional Subject			

ਲੜੀ ਨੰ./Sr. No. TT12U

015540

ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ

SET : C-09

PUNJAB SCHOOL EDUCATION BOARD



ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ (ਬਾਰੂਚੀ ਸ਼੍ਰੇਣੀ) ਪਰੀਖਿਆ ਸਰਟੀਫਿਕੇਟ ਸਮੇਤ ਅੰਕ-ਸ਼ੀਟ

SENIOR SECONDARY (CLASS XII) EXAMINATION CERTIFICATE WITH DETAILED MARKS-SHEET

ਪੁਸ਼ਟਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ / Certified that :

ਰੋਲ ਨੰ. / Roll No. : 2212386953

ਰਜਿ. ਨੰ./ Regn.No. B-07-JAL-P-252868

ਪਿਤਾ ਦਾ ਨਾਂ / Father's Name :

ਮਾਤਾ ਦਾ ਨਾਂ / Mother's Name :

ਸਕੂਲ / ਸਿਲ੍ਹਾ School/District :

ਗੁਰੂ ਨਾਨਕ ਮਾਲਮਾ ਕਾਲਜ ਗਲਗੀਏਰ ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ ਸਕੂਲ, ਬਾਬਾ ਸੰਗ ਢੇਸਿਆਂ (ਜਲੰਧਰ)  
GURU NANAK KHALSA GIRLS COLLEGIATE SENIOR SECONDARY SCHOOL BABA SANG DHESIAN (JALANDHAR)

ਨੇ ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ (ਬਾਰੂਚੀ ਸ਼੍ਰੇਣੀ) ਪਰੀਖਿਆ ਮਾਰਚ, 2012 ਵਿੱਚ ਹੋਣ ਲਿਖਿਆ ਅਨੁਸਾਰ ਪ੍ਰਾਪਤ ਅੰਕਾਂ ਸਹਿਤ ਪਾਸ  
ਕੀਤੀ ਹੈ / appeared in Senior Secondary (Class XII) Examination held in MARCH, 2012 and has been  
declared qualified with subject-wise marks mentioned below:

ਸਮੂਹ/Group : ਹਿਊਮਨਟੀਜ਼ HUMANITIES

ਸਮੇਸਟਰ-I / SEMESTER-I						
ਲੜੀ ਨੰ./ Sr. No.	ਵਿਸ਼ੇ / Subjects	ਥਿਓਰੀ/ Theory	ਪ੍ਰੈਕਟਿਕਲ ਸਮਝ-ਉੱਚੀ ਸਮਝ/CEE	ਪ੍ਰੈਕਟਿਕਲ/ Practical	ਕੁੱਲ ਅੰਕ / Total Marks	ਗਰੇਡ/ Grade
1	GENERAL ENGLISH	037	017	XXX	054/080	
2	GENERAL PUNJABI	050	017	XXX	067/080	
3	PUNJABI (ELECTIVE)	041	014	XXX	055/080	
4	RELIGION	039	018	XXX	057/080	
5	PHYSICAL EDUCATION & SPORTS	027	007	027	061/080	
6	ENVIRONMENTAL EDUCATION					A
7	COMPUTER SCIENCE					A
8						
9						
ਸਮੇਸਟਰ-II / SEMESTER-II						
1	GENERAL ENGLISH	046	024	XXX	070/120	
2	GENERAL PUNJABI	071	028	XXX	099/120	
3	PUNJABI (ELECTIVE)	068	019	XXX	087/120	
4	RELIGION	060	022	XXX	082/120	
5	PHYSICAL EDUCATION & SPORTS	029	011	047	087/120	
6	ENVIRONMENTAL EDUCATION					B
7	COMPUTER SCIENCE					B
8						
9						
ਸਮੁੱਚਾ ਨਤੀਜਾ / Cumulative Result						
ਲੜੀ ਨੰ./ Sr. No.	ਵਿਸ਼ੇ / Subjects	ਸਮੇਸਟਰ-I/ Semester-I ਪ੍ਰਾਪਤ ਅੰਕ/ Marks obtained	ਸਮੇਸਟਰ-II/ Semester-II ਪ੍ਰਾਪਤ ਅੰਕ/ Marks obtained	ਕੁੱਲ ਅੰਕ / Total Marks	ਗਰੇਡ/ Grade	
1	GENERAL ENGLISH	054	070	124	B	
2	GENERAL PUNJABI	067	099	166	A	
3	PUNJABI (ELECTIVE)	055	087	142	B	
4	RELIGION	057	082	139	B	
5	PHYSICAL EDUCATION & SPORTS	061	087	148	B	
6	ENVIRONMENTAL EDUCATION	A	B		A	
7	COMPUTER SCIENCE	A	B		A	
8						
9						
ਕੁੱਲ ਜੋੜ / Grand Total		294/400	425/600	719/1000	B	

EAAE6EA JE35EIE 9543475



GOVERNMENT OF KERALA  
BOARD OF HIGHER SECONDARY EXAMINATION  
THIRUVANANTHAPURAM

No. HSE 2/2014/084925

**CERTIFICATE**

Register  
Number

This is to certify that Mr /Ms [REDACTED] appeared for the HIGHER SECONDARY EXAMINATION  
(..... **SCIENCE** ..... GROUP) held in ..... **MARCH 2014** ..... He/She is ..... **ELIGIBLE** ..... for higher studies.

The Scores and Grades obtained by the Candidate are shown below:

No. of Chances : **1**

SUBJECTS	FIRST YEAR			SECOND YEAR				GRAND TOTAL				Grade Obtained	Grade in Words
	CE	TE	Total	CE	PE	TE	Total	CE	PE	TE	Total		
<b>PART I</b> <b>ENGLISH</b>	20	53	73	20	--	76	96	40	--	129	169	A	A only
<b>PART II</b> <b>MALAYALAM</b>	19	54	73	19	--	39	58	38	--	93	131	B	B only
<b>PART III (Optionals)</b> <b>PHYSICS</b>	18	34	52	19	34	20	73	37	34	54	125	B	B only
<b>CHEMISTRY</b>	19	31	50	19	40	19	78	38	40	50	128	B	B only
<b>BIOLOGY</b>	19	32	51	19	38	36	93	38	38	68	144	B+	B plus
<b>HOME SCIENCE</b>	19	50	69	19	40	40	99	38	40	90	168	A	A only

Eligibility for Higher Studies : D+ Grade or above for all subjects. \* Scores obtained in the previous examination(s).



**MISS. SUSAMMA MATHEWS**

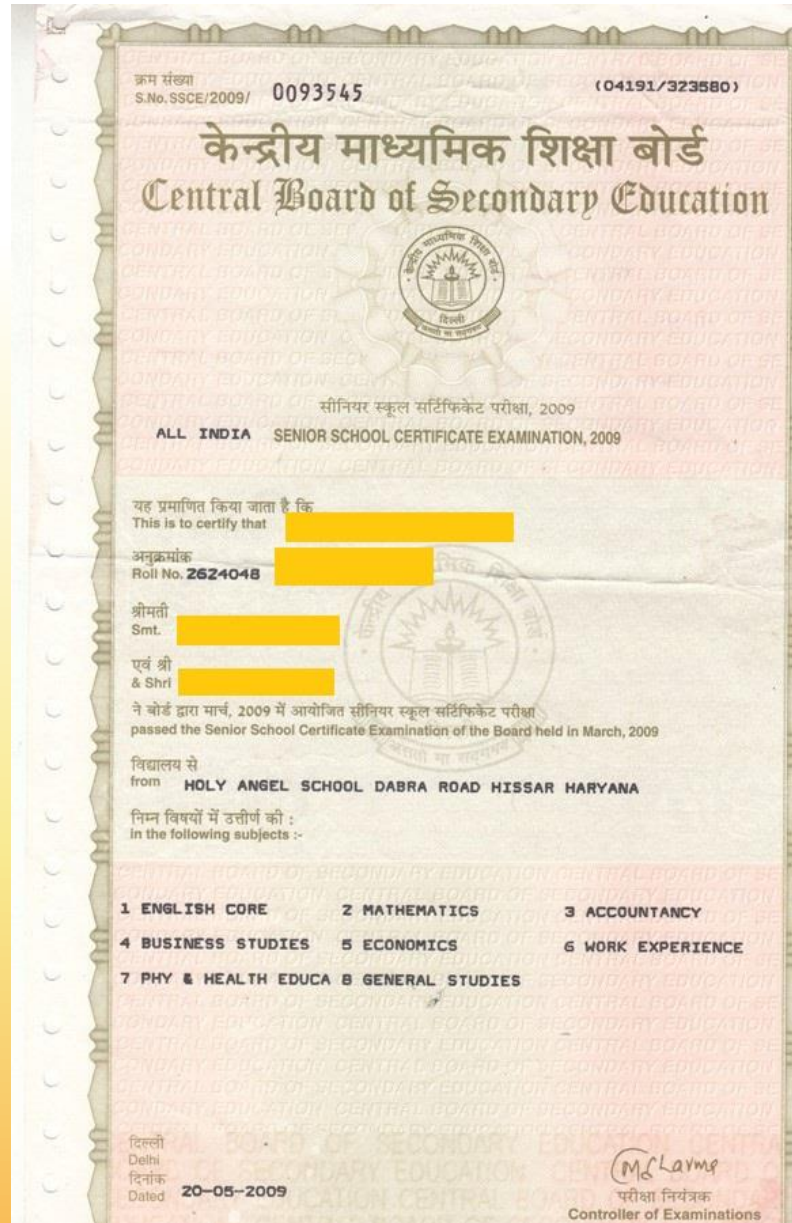
Signature of the Principal  
with name seal

Date of publication of result **13-05-2014**



**SECRETARY**

Board of Higher Secondary Examination,  
Government of Kerala



No marks—only  
examinations  
completed.

How would we be  
able to evaluate  
this Course-by-  
Course?

# CBSE Verification

4/15/2021

CBSE12 Results

<http://cbseresults.nic.in>



केन्द्रीय माध्यमिक शिक्षा बोर्ड

Central Board of Secondary Education

Examination Results 2009

Brought to you by [National Informatics Centre](#)

## Senior School Certificate Examination (Class XII) Results 2009

**Roll No:** 2624048  
**Name:**  
**Mother's Name:**  
**Father's Name:**

SUB CODE	SUB NAME	MARKS	GRADE
301	ENGLISH CORE	068	B2
041	MATHEMATICS	033	D2
055	ACCOUNTANCY	072	B1
054	BUSINESS STUDIES	073	B1
030	ECONOMICS	071	A2
500	WORK EXPERIENCE	---	D2
502	PHY & HEALTH EDUCA	---	D2
503	GENERAL STUDIES	---	C2

Result: PASS

**Disclaimer:** Neither NIC nor CBSE is responsible for any inadvertent error that may have crept in the results being published on NET. The results published on net are for immediate information to the examinees. These cannot be treated as original mark sheets. Original mark sheets have been issued by the Board separately



# Grading Resources

## Secondary Grading Scales

# NAFSA

1999

## Secondary

State Board Examinations (credentials **A** and **D**):

<u>Class or Division</u>	<u>Description</u>
First	Excellent
Second	Good
Third	Pass

## Secondary and Postsecondary

<u>Marks</u>	<u>Description</u>
70 – 100%	<i>Distinction</i>
60 – 69%	<i>First Class/Division</i>
51 – 59%	<i>Second Class/Division</i>
35 – 50%	<i>Pass</i>
0 – 34%	<i>Fail</i>

Grading scale differ by type of program and institutions in India. The grading scales range from A to F and 10 points to 0 points. Some institutions use the 4.0 grading scale common to the U.S. The minimum passing grades may also vary by institution and type of programs. The applicable grading scales are usually found on the bottom or the reverse of the mark sheets.

2010

# AACRAO

## *Standard X*

Indigenous Scale	Indigenous Descriptor	Suggested U.S. Equivalence
1	Very Good	A
2		
3	Credit	B
4		
5		
6	Pass	C
7		
8	Fail	F
9		

# AACRAO

## General Grading System

### *Standard XII*

Indigenous Scale	Indigenous Descriptor	Suggested U.S. Equivalence
1	Very Good	A
2		A-
3	Credit	B+
4		B
5		
6		B-
7	Pass	C
8		D
9	Fail	F

## General Grading System

### *Higher Secondary*

Indigenous Scale	Indigenous Class	Suggested U.S. Equivalence
60 — 100%	First Class	A
50 — 59%	Second Class	B
35 — 49%	Pass Class/ Third Class	C

- The top ten to twenty-five individuals who secure the highest total marks are classified as "Rank Holders".
- Senior secondary school examinations tend to follow the above scale.

**Grading Scales:**

Numeric Grade	U.S. Grade Equivalent	Quality Points
60-100	A	4
50-59	B	3
40-49	C	2
35-39	D	1
0-34	F (Failure)	0

Grade	U.S. Grade Equivalent	Quality Points
A	A	4
B	B	3
C	C	2
D	D	1
F	F (Failure)	0

# Central Board of Secondary Education (CBSE)

## Grading System in CBSE For 10<sup>th</sup> & 12<sup>th</sup>

For awarding the grades, the Board shall put all the passed students in a rank order and will award grades as follows:

- A-1 Top 1/8th of the passed candidates
- A-2 Next 1/8th of the passed candidates
- B-1 Next 1/8th of the passed candidates
- B-2 Next 1/8th of the passed candidates
- C-1 Next 1/8th of the passed candidates
- C-2 Next 1/8th of the passed candidates
- D-1 Next 1/8th of the passed candidates
- D-2 Next 1/8th of the passed candidates
- E Failed candidates

### Notes:

(a) Minor variations in proportion of candidates to adjust ties will be made.

(b) In case of a tie, all the students getting the same score, will get the same grade. If the number of students at a score point need to be divided into two segments, the smaller segment will go with the larger.

(c) Method of grading will be used in subjects where the number of candidates who have passed is more than 500.

(d) In respect of subjects where total number of candidates passing in a subject is less than 500, the grading would be adopted on the pattern of grading and distribution in other similar subjects.

# CBSE Scale from Document

A+	Grand Total Score 180-200
A	Grand Total Score 160-179
B+	Grand Total Score 140-159
B	Grand Total Score 120-139
C+	Grand Total Score 100-119 with TE Score greater than or equal to 30% of TE maximum
C	Grand Total Score 80-99 with TE Score greater than or equal to 30% of TE maximum
D+	Grand Total Score 60-79 with TE Score greater than or equal to 30% of TE maximum
D	Grand Total Score 40-59 or TE Score less than 30% of TE maximum
E	Grand Total Score below - 40

\*Values are listed out of 200 because the Certificate included Examinations for both years.

# AACRAO

## Central Board of Secondary Examination (CBSE)

Positional Rank	Suggested U.S. Equivalence
A1: Top $\frac{1}{8}$	A+
A2: Next $\frac{1}{8}$	A
B1: Next $\frac{1}{8}$	B+
B2: Next $\frac{1}{8}$	B
C1: Next $\frac{1}{8}$	B-
C2: Next $\frac{1}{8}$	C
D1: Next $\frac{1}{8}$	C-
D2: Next $\frac{1}{8}$	D
E: Fail	F

## Council for Indian School Certificate (CISCE)

Positional Grades	Suggested U.S. Equivalence
1 Very Good	A+
2 Very Good	A
3 Very Good	B+
4 Pass with Credit	B
5 Pass with Credit	B-
6 Pass with Credit	C
7 Pass	C-
8 Pass	D
9 Fail*	F*

• \* - will not be reflected on certificate.



**Central Board of Secondary Education's (CBSE) Secondary School Examination  
Continuous and Comprehensive Evaluation (CCE)**

Grade	U.S. Grade Equivalent	Quality Points
A1	A	4
A2	A	4
B1	B	3
B2	B	3
C1	C	2

Grade	U.S. Grade Equivalent	Quality Points
C2	C	2
D	D	1
E1	F (Failure)	0
E2	F (Failure)	0

# Scholaro Pro

## CBSE Secondary School Examination Continuous and Comprehensive

New CBSE Grading 2010-present

Grade	Scale	Scale 2	US Grade
A-1	10.00	91.00 - 100.00	A
A-2	9.00	81.00 - 90.00	A
B-1	8.00	71.00 - 80.00	B
B-2	7.00	61.00 - 70.00	B
C-1	6.00	51.00 - 60.00	C
C-2	5.00	41.00 - 50.00	C
D	4.00	33.00 - 40.00	D
E-1	0.00	21.00 - 32.00	F
E-2	0.00	0.00 - -2.00	F

Both Scholaro and NCAA award plain letter grades, while AACRAO uses +/-.

### Indian School Certificate

Grade	U.S. Grade Equivalent	Quality Points
1-2	A	4
3-6	B	3
7-8	C	2
9	F (Failure)	0

### National Institute for Open Schooling Senior Secondary School Examination

2014 and after

Numeric Grade	U.S. Grade Equivalent	Quality Points
91-100	A	4
81-90	A	4
71-80	B	3
61-70	B	3
51-60	C	2

Numeric Grade	U.S. Grade Equivalent	Quality Points
41-50	C	2
33-40	D (minimum pass)	1
16-32	F	0
0-15	F	0

### National Institute for Open Schooling Senior Secondary School Examination

2014 and after

Grade	U.S. Grade Equivalent	Quality Points
A	A	4
B	A	4
C	B	3
D	B	3
E	C	2
F	C	2
G	D (minimum pass)	1
H	F	0
I	F	0

**National Institute for Open Schooling Senior Secondary School Examination***2014 and after*

Description	U.S. Grade Equivalent	Quality Points
Outstanding	A	4
Excellent	A	4
Very Good	B	3
Good	B	3
Average	C	2
Fair	C	2
Marginal	D (minimum pass)	1
Needs Improvement	F	0
Needs More Improvement	F	0

# Marks Conversion Demonstration



The Jammu & Kashmir State Board of School Education

Higher Secondary Part Two Examination

1160

Annual 1999

ROLL NO

150714

SUBJECT

Arts

SUBJECTS	THEORY				PRACTICAL				TOTAL			
	A	B	TOTAL	MIN	INTR	EDTR	TOTRL	MIN	MARKED	MARK	PERCENT	
General English	44	47	91	49					91	150		
Hindi	32	52	84	54					84	150		
Philosophy	45	39	84	54					84	150		
Psychology	45	43	88	43	11	13	24	11	112	150		
									<b>First Division</b>		371	600

JT : 20 May 99

  
SECRETARY

ERRORS & OMISSIONS EXCEPTED  
ANY QUERY OR CLARIFICATION MAY  
BE SOUGHT FROM THE BOARD BUT  
WITHIN SIX MONTHS OF THE DATE OF  
DECLARATION OF THIS RESULT

FAILED

PREVIOUSLY PASSED

STATUTORY CONCESSION

- F

- P

- S


# How would we convert the grades?

We must first find the maximum marks and the minimum required for pass.

Since this is traditional marks, we will create a grading scale based on that with percentage ranges and the adjusted minimum required for passing.

Divide the total earned marks by the maximum marks, and you will receive a decimal. That will be the percentage that falls into the grading scale.




**The Jammu & Kashmir State Board of School Education**  
**Higher Secondary Part Two Examination**  
 1160 Annual 1999 150714  
 FACULTY Arts

SUBJECTS	THEORY				PRACTICAL				TOTAL	
	A	B	TOTAL	MIN	INTR	EXTR	TOTAL	INTR	MARKS	USEL
General English	44	47	91	49					91	150
Hindi	32	52	84	54					84	150
Philosophy	45	39	84	54					84	150
Psychology	45	43	88	43	11	13	24	11	112	150
<b>First Division</b>									371	600

JT : 20 May 99  
 ERRORS & OMISSIONS EXCEPTED  
 ANY QUERY OR CLARIFICATION MAY  
 BE SOUGHT FROM THE BOARD BUT  
 WITHIN SIX MONTHS OF THE DATE OF  
 DECLARATION OF THIS RESULT  
 SECRETARY

We can determine that 36.00% is the minimum because  $54/150 = 0.36$ . Note that the English subject appears to have a lower minimum pass. The maximum marks remain the same, so only the minimum percentage for pass changes.

Scale	Grade Description	U.S. Grade	Grade Point
60.00 – 100.00	First Division	A	4.00
50.00 – 59.99	Second Division	B	3.00
36.00 – 49.99	Third/Pass Division	C	2.00
	Conceded Pass/Grace Marks	D	1.00
0.00 – 35.99	Below Minimum Pass	F	0.00

The Jammu & Kashmir State Board of School Education  
Higher Secondary Part Two Examination  
1160 Annual 1999 150714  
SUBJECTS

SUBJECTS	THEORY				PRACTICAL				TOTAL	
	A	B	TOTAL	MIN	INTR	EXTR	TOTAL	INTR	MARKS	USEL
General English	44	47	91	49					91	150
Hindi	32	52	84	54					84	150
Philosophy	45	39	84	54					84	150
Psychology	45	43	88	43	11	13	24	11	112	150

First Division 371 600

Scale	Grade Description	U.S. Grade	Grade Point
60.00 – 100.00	First Division	A	4.00
50.00 – 59.99	Second Division	B	3.00
36.00 – 49.99	Third/Pass Division	C	2.00
	Conceded Pass/Grace Marks	D	1.00
0.00 – 35.99	Below Minimum Pass	F	0.00

General English	$91/150 = 0.60 = A$
Hindi	$84/150 = 0.56 = B$
Philosophy	$84/150 = 0.56 = B$
Psychology	$112/150 = 0.75 = A$

# Conceded Pass Grades

Occurs in the traditional marks system.

Some institutions are allowed to decide if they wish to award “Grace Marks”, or Conceded Pass, (G) grades in subjects that are below minimum pass, but also where the overall average for the term is considered above minimum pass.

These grades are often considered unsatisfactory, but passing, and are often considered equivalent to a D grade.

# Calculating an Indian GPA in 5 Steps

- 1:** Evaluate your transcript, and convert marks into the appropriate credits, and US grades (or convert the grades into US ones).
- 2:** Multiply the credits for each course by the grade points value of the US grade
- 3:** Add the credits together and determine the total
- 4:** Add the grade points together and determine the total
- 5:** Divide the total number of grade points by the total number of credits to get the GPA

# Determined Unit Values & GPA Calculation

General English:  $1.50 \times 4.00 = 6.00$

Hindi:  $1.50 \times 3.00 = 4.50$

Philosophy:  $1.50 \times 3.00 = 4.50$

Psychology:  $1.50 \times 4.00 = 6.00$

- Total: 21.00
- Divided by 6.00 total units
- Equals a GPA of 3.50

# Examples of Postsecondary Documents

# The Traditional Marks System

## INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

**GRADE CARD**  
( POST-GRADUATE COURSE )



Registration No.....

Department..... MECHANICAL ENGINEERING.....

Name... XXXXXXXXXX.....

Course : MECHANISMS & VIBRATION

Subjects No.	(SESSION: 1968-70)	SUBJECTS	TERMS											
			1st		2nd		3rd		4th					
			Unit	Grade	Unit	Grade	Unit	Grade	Unit	Grade				
ME 613		MATHEMATICAL METHODS IN ENGINEERING	4	A										
ME 6611		MACHINE VIBRATIONS	4	A										
ME 6621		MECHANISMS			4	A								
ME 6622		EXPERIMENTAL STRESS ANALYSIS			4	B								
ME 6531		DESIGN FOR FATIGUE AND CREEP					4	A						
ME 6633		NOISE AND RANDOM VIBRATIONS					4	A						
		(SESSION: 1969-70)												
MAT/PH 622		MATERIAL TECHNOLOGY	4	B										
ME 6612		ADVANCED MECHANICS OF SOLIDS	3	A										
MA 652		ENGINEERING STATISTICS	3	A										
ME 6621		MECHANISMS			3	B								
ME 6623		INSTRUMENTS AND CONTROLS			4	A								
ME 6125		NUMERICAL ANALYSIS AND COMPUTER PROGRAMMING			3	A								
ME 6632		VIBRATION AND SHOCK ISOLATION					3	B						
ME 6634		KINEMATICS AND KINETICS					3	B						
ME 6635		CAMS AND TOOTH OUTLINES AND MULTIPLE GEAR DRIVES					4	B						



GRADE CARD ( REVERSE SIDE )

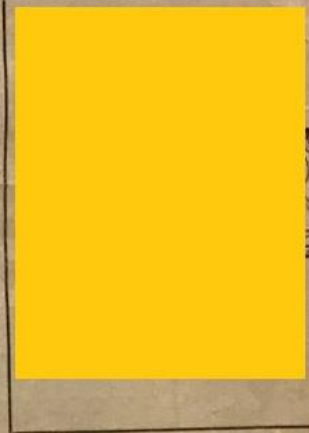
Name..... [REDACTED]

Course : MECHANISM & VIBRATION

Subject No.	SUBJECTS	TERMS							
		1st		2nd		3rd		4th	
		Unit	Grade	Unit	Grade	Unit	Grade	Unit	Grade
	INDUSTRIAL TRAINING							12	B
	VIVA							EXCELLEN	
	REPORT							EXCELLEN	

Grading System :

- A—Excellent
- B—Good
- C—Satisfactory
- F—Failed



Not bad for being issued in 1976!

Admitted (Session)..... 1968

Graduated (Session)..... 1971

Degree/Diploma..... MASTER OF TECHNOLOGY (M.TECH)


Course..... MECHANISM & VIBRATION

Certified by— (M. N. SANTAL)

Date..... 9.1.1976  
 Assistant Registrar (Academic)  
 Indian Institute of Technology  
 Kharagpur - 721 302

Checked by  
 Superintendent (Examinations)

001


**KAKATIYA UNIVERSITY**  
 WARANGAL, TELANGANA STATE, INDIA - 506 009

098932

**TRANSCRIPT**  
 CONSOLIDATED MEMORANDUM OF MARKS

Date : 07-01-2022

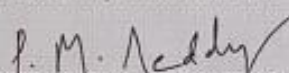
Examination : B.Sc. Inst., Jun/Jul 2010

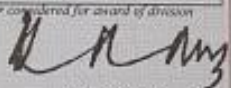
Roll No [REDACTED]

SUBJECT	THEORY MARKS			PRACTICAL MARKS		
	MAX	SECURED	YR. OF PASSING	MAX	SECURED	YR. OF PASSING
<b>PART - I</b>						
<b>FIRST YEAR :</b>						
ENGLISH - I	100	64	A'07			
SECOND LANGUAGE :SANSKRIT - I	100	62	A'07			
<b>SECOND YEAR :</b>						
ENGLISH - II	100	56	A'08			
SECOND LANGUAGE :SANSKRIT - II	100	59	A'08			
<b>TOTAL :</b>	<b>241</b>	<i>(TWO HUNDRED AND FORTY ONE)</i>				
<b>DIVISION :</b>	<b>FIRST ****</b>				<b>A 2008</b>	
<b>PART - II</b>						
<b>FIRST YEAR :</b>						
INDIAN HERITAGE & CULTURE*	050	41	A'07			
INDUSTRIAL MICRO-BIOLOGY - I	100	41	S'07	050	36	A'07
ZOOLOGY - I	100	63	A'08	050	42	A'07
CHEMISTRY - I	100	35	A'07	050	39	A'07
<b>SECOND YEAR :</b>						
ENVIRONMENTAL STUDIES*	100	61	A'08			
INDUSTRIAL MICRO-BIOLOGY - II	100	59	A'08	050	35	A'08
ZOOLOGY - II	100	35	A'08	050	34	A'08
CHEMISTRY - II	100	35	A'08	050	48	A'08
<b>THIRD YEAR :</b>						
INDUSTRIAL MICRO-BIOLOGY - III	100	62	A'09	050	41	A'09
INDUSTRIAL MICRO-BIOLOGY - IV	100	48	A'09	050	41	A'09
ZOOLOGY - III	100	45	A'09	050	41	A'09
CLINICAL SCIENCE-IV	100	50	A'09	050	44	A'09
CHEMISTRY - III	100	35	T'10	050	38	A'09
APPLIED CHEMISTRY-IV	100	43	A'09	050	37	A'09
SCIENCE & CIVILIZATION*	050	34	A'09			
<b>TOTAL :</b>	<b>1027</b>	<i>(ONE THOUSAND AND TWENTY SEVEN)</i>				
<b>DIVISION :</b>	<b>PASS</b>				<b>I 2010</b>	

Pass Marks in each subject - 33% of the Max. Marks

\* marks neither included in total nor considered for award of division

  
**P. M. Reddy**  
 CONTROLLER OF EXAMINATIONS

  
**Registrar**  
 REGISTRAR

Theory and Practical marks are separated into columns. However, they could be counted together when converting.

**AMRAVATI UNIVERSITY - STATEMENT OF MARKS**

FOUR YEAR B. E. DEGREE COURSE (SEMESTER : FIRST)

 12917  
 WINTER 2001 02BBB

ROLL NO.	NAME OF THE CANDIDATE	ENROLMENT NO.	CENTRE NO. 0447	COLLEGE NO. 0447	MEDIUM E	CATEGORY R				
[REDACTED]		---								
SUBJECT	MAXIMUM MARKS		MINIMUM		MARKS OBTAINED				DISTINCTION SUBSCRIPTION	
	THEORY		PRACTICAL		THEORY		PRACTICAL			
	EXT.	INT.	EXT.	INT.	THEORY	PRACTICAL	EXT.	INT.		
MATHEMATICS-I	80	20	---	---	40		21*	19		
APPLIED PHYSICS-I	40	10	0	25	20	12	25	07		22
APPLIED CHEMISTRY-I	40	10	0	25	20	12	26	10		21
COMPUTER SCIENCE-I	40	10	0	25	20	12	19	08		21
ENGINEERING MECHANICS-I	40	10	0	25	20	12	21	09		22
ELECTRICAL ENGINEERING-I	40	10	0	25	20	12	19	10		20
ENGINEERING DRAWING-I	40	10	0	25	20	12	24	09		24
WORKSHOP-I			0	50		25				42
MARKS OBTAINED		TOTAL INCENTIVE	INCENTIVE MARKS NOT USED	MARKS OBTAINED	OUT OF	AGGREGATE	RESULT	REMARKS	DIVISION	
IN PART I	OUT OF			399	600		PASS		I	

NOTE: S F = Full T = Theory  
 P = Practical D = Distinction  
 EXT. = External INT. = Internal  
 SUBJECT TO CORRECTION, IF ANY

24 MAR 2002



*[Signature]*  
 CONTROLLER OF EXAMS  
 AMRAVATI UNIVERSITY

(P. T. O.)

# Grading Resources

## Postsecondary Grading Scales

# AACRAO

## Post-Secondary Education Grading Scale

*Used When Degree Requires External Examination*

Indigenous Grade Percentage	Indigenous Grade Classification	Suggested U.S. Equivalence
70 — 100%	Distinction	A+
60 — 69%	First Class	A
45 — 59%	Second Class	B
**35 — 44%	Pass Class	C

- \*\*Minimum passing marks differ based on program or university.
- First degree programs that give letter grades in the examinations (generally professional and engineering degrees) do so using a scale similar to U.S. grading patterns.

# Scholaro Pro

## Most Common

Grade	Scale	Grade Description	US Grade	Notes
	60.00 - 100.00	First Division/First Class	A	
	50.00 - 59.99	Second Class/Second Division	B	
	30.00 - 49.99	Third Class/Third Division/Pass Class	C	Please note, minimum pass can vary, typically between 30 and 40
G		Conceded Pass/Grace Marks	D	
F	0.00 - 29.99	Below Minimum Pass	F	Any grade below the institutions' minimum pass

KARNATAKA STATE



OPEN UNIVERSITY



Mukthagangotri  
Mysore - 570 006

Sl. No. M13 257336

725

Date : .....04/12/2013...


**STATEMENT OF MARKS**  
**MASTER OF COMPUTER APPLICATION**  
**FIRST SEMESTER EXAMINATION - AUGUST 2013**

Paper Code	Paper / Course Title	Credits	Term End Examination		Internal Assessment		Total			Result / Remark	
			Max Marks	Marks Obt.	Max Marks	Marks Obt.	Max Marks	Min for Pass	Marks Obt.		
MCA11	Mathematics	4	75	52	25	13	100	40	65	PASS	
MCA12	Data Structure	4	75	42	25	13	100	40	55	PASS	
MCA13	Programming in C	4	75	69	25	15	100	40	84	PASS	
MCA14	Financial Accounting	4	75	58	25	15	100	40	73	PASS	
MCA15-L	Lab-C Programming Lab and Windows Based Application	1	75	47	25	13	100	40	60	PASS	
MCA16-L	Lab-Data Structure	1	75	48	25	14	100	40	62	PASS	
<b>Grand Total</b>		<b>18</b>					<b>600</b>		<b>399</b>		
<b>Total Credits Earned :</b>		<b>18</b>									
<b>Grand Total in Words:</b>		<b>THREE HUNDRED NINETY-NINE</b>									

**Note:** 1. Minima for pass: 30 marks per course in theory and aggregate 40% including Internal Assessment.  
2. Course Exemption: 40 marks and above in each course.

Entered by  
Institute of Engineering & Management

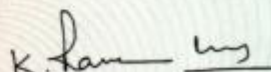


Verified by  
Signature:   
Name: LOKESHA H.C.

Scrutinized by  
Signature:   
Name: ANUPAMA LAXMAN

S.No.	SUBJECT CODE	SUBJECT TITLE	Internal Marks	End Exam	Total Marks	Result	Credits
1	X0521	PROBABILITY & STATISTICS	12	61	73	P	4
2	X0522	MATHEMATICAL FOUNDATIONS OF COMP. SC.	17	30	47	P	4
3	X0523	ADVANCED DATA STRUCTURES	17	30	47	P	4
4	X0524	DIGITAL LOGIC DESIGN	14	51	65	P	4
5	X0525	MANAGERIAL ECO. & FINANCIAL ANALYSIS	08	40	48	P	4
6	X0526	UNIX AND SHELL PROGRAMMING	12	28	40	P	4
7	W0521	ADVANCED DATA STRUCTURES (LAB)	19	34	53	P	2
8	W0522	UNIX & SHELL PROGRAMMING (LAB)	24	48	72	P	2
SUBJECTS REGISTERED: 8      APPEARED: 8      PASSED: 8      TOTAL:			123	322	445		28

Aggregate (In Words) \*\*\*\* Four Four Five \*\*\*\*

Date of Issue : March 25, 2010      Verified by  CONTROLLER OF EXAMINATIONS

Instructions :	Maximum Marks			Minimum Marks for pass	
	Internal	End Exam.	Total of Int. & End	End Exam.	Total of Int. & End
Theory Subjects	20	80	100	28	40
Practical Subjects	25	50	75	18	30

This version of traditional marks also has a minimum of 40.



S.No.	SUBJECT CODE	SUBJECT TITLE	Internal Marks	End Exam	Total Marks	Result	Credits
1	X0521	PROBABILITY & STATISTICS	12	61	73	P	4
2	X0522	MATHEMATICAL FOUNDATIONS OF COMP. SC.	17	30	47	P	4
3	X0523	ADVANCED DATA STRUCTURES	17	30	47	P	4
4	X0524	DIGITAL LOGIC DESIGN	14	51	65	P	4
5	X0525	MANAGERIAL ECO. & FINANCIAL ANALYSIS	08	40	48	P	4
6	X0526	UNIX AND SHELL PROGRAMMING	12	28	40	P	4
7	W0521	ADVANCED DATA STRUCTURES (LAB)	19	34	53	P	2
8	W0522	UNIX & SHELL PROGRAMMING (LAB)	24	48	72	P	2
SUBJECTS REGISTERED: 8      APPEARED: 8      PASSED: 8      TOTAL:			123	322	445		

However, this university also awards "First Class with Distinction"

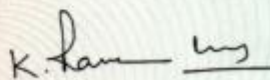
Grade Conversion Scale:

Scale	Grade Description	US Grade
70.00 – 100.00	First Class/Division with Distinction	A+
60.00 – 69.99	First Class/Division	A
50.00 – 59.99	Second Class/Division	B
40.00 – 49.99	Pass/Third Class/Division	C
	Conceded Pass	D
0.00 – 39.99	Below Minimum Pass	F

Aggregate (In Words) \*\*\*\* Four Four Five \*\*\*\*

Date of Issue : March 25, 2010

Verified by

  
CONTROLLER OF EXAMINATIONS

Instructions :

	Maximum Marks			Minimum Marks for pass	
	Internal	End Exam.	Total of Int. & End	End Exam.	Total of Int. & End
Theory Subjects	20	80	100	28	40
Practical Subjects	25	50	75	18	30

# The Choice-Based Credit System (CBCS)

## The Choice-Based Credit Reform of 2015 Overview:

- In January 2015, State Education Ministers and Principal Secretaries of Education met and introduced the CBCS
- Intended to provide more “seamless mobility across the institutions,” according to the UGC
- Gave institutions the option to implement the new grading scale according to the new standards
  - Institutions could also decide what letter grades to award.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
HYDERABAD - 500 085, TELANGANA STATE, INDIA.



**CONSOLIDATED MEMO OF MARKS GRADES AND CREDITS**

C 50 24 293 B.Tech. ELECTRONICS & COMMUNICATION ENGINEERING

Name: [REDACTED]

Hall Ticket No: [REDACTED]

Serial. No. : 21463011347

Year of Admission : 2017-2018

Name of the College : R9-TKREC,SAROORNAGAR

Month & Year of Final Exam : July,2021

Class Awarded : FIRST CLASS

S.No.	SUBJECT TITLE	THEORY MARKS	GRADE	CREDITS	S.No.	SUBJECT TITLE	THEORY MARKS	GRADE	CREDITS
<b>I SEMESTER</b>			<b>I YEAR</b>			<b>II SEMESTER</b>			
1	ENGINEERING MECHANICS	7	B+	3	1	MATHEMATICS - II	5	C	4
2	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	6	B	4	2	COMPUTER PROGRAMMING IN C	5	C	3
3	ENGINEERING PHYSICS - I	8	A	3	3	ENGINEERING GRAPHICS	5	C	4
4	ENGINEERING CHEMISTRY	6	B	4	4	MATHEMATICS - III	6	B	4
5	PROFESSIONAL COMMUNICATION IN ENGLISH	8	A	3	5	COMPUTER PROGRAMMING IN C LAB	10	O	2
6	MATHEMATICS - I	7	B+	3	6	ENGINEERING PHYSICS LAB	10	O	2
7	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	10	O	2	7	ENGINEERING PHYSICS - II	8	A	3
8	ENGINEERING WORKSHOP	10	O	2	8	ENGINEERING CHEMISTRY LAB	10	O	2
<b>I SEMESTER</b>			<b>II YEAR</b>			<b>II SEMESTER</b>			
1	SIGNALS AND STOCHASTIC PROCESS	6	B	3	1	PULSE AND DIGITAL CIRCUITS	8	A	4
2	MATHEMATICS - IV	5	C	4	2	SWITCHING THEORY AND LOGIC DESIGN	5	C	3
3	ELECTRICAL TECHNOLOGY	6	B	4	3	ANALOG ELECTRONICS LAB	10	O	2
4	BASIC SIMULATION LAB	10	O	2	4	CONTROL SYSTEMS	6	B	4
5	ANALOG ELECTRONICS	5	C	4	5	ANALOG COMMUNICATIONS	6	B	4
6	BASIC ELECTRICAL ENGINEERING LAB	10	O	2	6	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS	6	B	3
7	NETWORK ANALYSIS	6	B	3	7	ANALOG COMMUNICATIONS LAB	10	O	2
8	ELECTRONIC DEVICES AND CIRCUITS LAB	10	O	2	8	PULSE AND DIGITAL CIRCUITS LAB	10	O	2
9	ENVIRONMENTAL SCIENCE AND TECHNOLOGY*	-	-	0	9	SENDER SENSITIZATION LAB*	-	-	0
<b>I SEMESTER</b>			<b>III YEAR</b>			<b>II SEMESTER</b>			
1	LINEAR AND DIGITAL IC APPLICATIONS	5	C	4	1	JAVA PROGRAMMING	5	C	3
2	OPERATING SYSTEMS	6	B	3	2	MICROPROCESSORS AND MICROCONTROLLERS	6	B	4
3	DIGITAL COMMUNICATIONS	5	C	4	3	ADVANCED ENGLISH COMMUNICATION SKILLS LAB	10	O	2
4	FUNDAMENTALS OF MANAGEMENT	6	B	3	4	ANTENNAS AND WAVE PROPAGATION	6	B	4
5	ELECTROMAGNETIC THEORY AND TRANSMISSION LINES	6	B	4	5	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	O	2
6	DIGITAL COMMUNICATIONS LAB	10	O	2	6	DIGITAL SIGNAL PROCESSING	6	B	4
7	LINEAR IC APPLICATIONS LAB	8	A	2	7	DIGITAL SIGNAL PROCESSING LAB	9	A+	2
8	DIGITAL IC APPLICATIONS LAB	10	O	2	8	DIGITAL IMAGE PROCESSING	6	B	3
9	PROFESSIONAL ETHICS*	-	-	0					
<b>I SEMESTER</b>			<b>IV YEAR</b>			<b>II SEMESTER</b>			
1	INDUSTRY ORIENTED MINI PROJECT	9	A+	2	1	ENTREPRENEURSHIP AND SMALL BUSINESS ENTERPRISE	7	B+	3
2	MICROWAVE ENGINEERING	5	C	4	2	OPTICAL COMMUNICATIONS	5	C	3
3	EMBEDDED SYSTEM DESIGN	8	A	3	3	ACTUATORS AND ROBOT SYSTEMS	6	B	3
4	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	7	B+	3	4	MAJOR PROJECT	9	A+	15
5	MICROWAVE ENGINEERING LAB	9	A+	2					
6	VLSI DESIGN	0	F	0*					
7	VLSI AND E-CAO LAB	10	O	2					
8	COMPUTER NETWORKS	6	B	3					
9	SEMINAR	9	A+	1					

Number of Credits registered for : 192      Aggregate Credits Secured (by best) : 198

Aggregate Marks/CGPA Secured : 7.07

Date of Issue : September 30, 2021



*K. Venkateswara Rao*  
CONTROLLER OF EXAMINATIONS

(\*) Mandatory course passed for award of degree  
(\*\*) Course registered but not counted for calculation of aggregate

**MEMORANDUM OF GRADES**

Serial No: 11266043065

 HTNO.: [REDACTED]

Examination: I B Tech. I Semester (R16) Regular

Exam Date: December, 2017

Branch: ELECTRONICS &amp; COMMUNICATION ENGINEERING

Institution : R9-TKREC, SAROORNAGAI

 Name: [REDACTED]

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(GP)	Result	Credits (C)
1	131AA	MATHEMATICS - I	B+	7	P	3.0
2	131AG	ENGINEERING CHEMISTRY	B	6	P	4.0
3	131AH	ENGINEERING PHYSICS - I	A	8	P	3.0
4	131AJ	PROFESSIONAL COMMUNICATION IN ENGLISH	A	8	P	3.0
5	131AE	ENGINEERING MECHANICS	B+	7	P	3.0
6	131AK	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	F	0	F	0.0
7	13103	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	O	10	P	2.0
8	13104	ENGINEERING WORKSHOP	O	10	P	2.0
SUBJECTS REGISTERED: 8    APPEARED: 8    PASSED: 7    TOTAL:						20.0
Semester Grade Point Average (SGPA)						

**GRADING SYSTEM**

% of Marks Secured in a Subject/Course	Letter Grade	Grade Points
Greater than or equal to 90%	O (Outstanding)	10
80 and less than 90%	A+ (Excellent)	9
70 and less than 80%	A (Very Good)	8
60 and less than 70%	B+ (Good)	7
50 and less than 60%	B (Average)	6
40 and less than 50%	C (Pass)	5
Below 40%	F (FAIL)	0
Absent	Ab	0

# Regarding Cumulative Marks Memos (CMM) from JNTUH/JNTUK

These documents can be easier to work with since they contain all coursework in one page.

However, it is preferable to have individual year/semester marks sheets in addition to the CMM

Individual sheets can have the grading scale, as we just saw. But some more recent programs can also be verified online on the school's website.

-Verifying is very helpful!



Home

Director of Evaluation

Controller of Examinations

## Published Results

Published Date	Current Results
2021-03-01	I B.Tech II Sem (R13 R10) Supplementary Examinations, Dec 2020
2021-03-01	I B.Tech II Sem (R19) Regular Examinations, Dec 2020
2021-03-01	I B.Tech II Sem (R16) Supplementary Examinations, Dec 2020
2021-02-16	I B.Tech I Sem (R19) Supplementary Examinations, Nov 2020
2021-02-16	I B.Tech I Sem (R16) Supplementary Examinations, Nov 2020
2021-02-16	I B.Tech I Sem (R13 R10) Supplementary Examinations, Nov 2020
2021-02-12	IV B.Tech II Sem (R13 R10) Adv Supplementary Examinations, Dec 2020
2021-02-12	IV B.Tech II Sem (R16) Adv Supplementary Examinations, Dec 2020
2021-02-06	II B.Tech II Sem (R16) Regular/Supplementary Examinations, Oct/Nov 2020
2021-02-06	II B.Tech II Sem (R13/R10) Supplementary Examinations, Oct/Nov 2020
2021-01-06	III B.Tech II Sem (R16) Regular/Supplementary Examinations, Oct/Nov 2020
2021-01-06	III B.Tech II Sem (R13 R10) Supplementary Examinations, Oct/Nov 2020
2021-01-06	III B.Tech I Sem (R16) Supplementary Examinations, Oct/Nov 2020

**University of Mumbai**

CERTIFICATE SHOWING THE RESULT OF THE CANDIDATE

CCF0631 0045

THIRD YEAR B Com. (THREE YEAR DEGREE COURSE) (SEM.-V)(75 25)(CBSGS)

APRIL 2017

6379134

REGISTRATION NO : \_\_\_\_\_

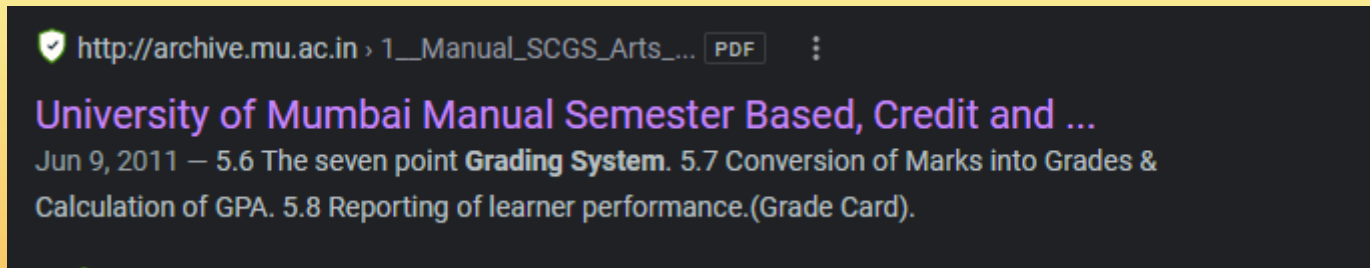
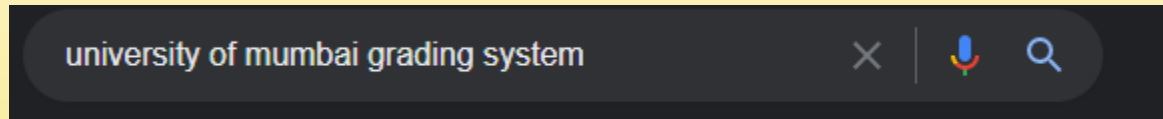
Course Title		Course Credits	Maximum Marks	Minimum Marks	Marks Obtained	Sub Total	Credits Earned (C)	Grade	Grade Points (G)	C X G
COMMERCE-V(MARKETING & HUMAN RES. MGMT.)	THEORY	3	75	30	33+	52	3	C	4	12
	INTERNAL		25	10	19+					
BUSINESS ECONOMICS-V	THEORY	3	75	30	30+	49	3	D	3	9
	INTERNAL		25	10	19+					
FINANCIAL ACCOUNTING	THEORY	4	75	30	37	54	4	C	4	16
	INTERNAL		25	10	17+					
AUDITING AND COST ACCOUNTING	THEORY	4	75	30	32+	46	4	D	3	12
	INTERNAL		25	10	14+					
MANAGEMENT ACCOUNTING	THEORY	3	75	30	35+	53	3	C	4	12
	INTERNAL		25	10	18+					
DIRECT & INDIRECT TAXES	THEORY	3	75	30	30+	48	3	D	3	9
	INTERNAL		25	10	18+					
COMPUTER SYSTEMS & APPLICATIONS	THEORY	3	75	30	36+	47	3	D	3	9
	INTERNAL		25	10	11+					

But aren't grades with 3.00 – 3.99 grade points considered below passing?



## How to Locate a Current University Grading System

Google tends to be very helpful. Typing in “[University Name] Grading System” will often bring up rules and grading policies.



\*This was the first result

#### 4.4. PERFORMANCE GRADING

The PERFORMANCE GRADING of the learners shall be on the SEVEN point ranking system as under:  
:

Grade	Marks	Grade Points
O	70 & above	7
A	60 to 69.99	6
B	55 to 59.99	5
C	50 to 54.99	4
D	45 to 49.99	3
E	40 to 44.99	2
F (Fail)	39.99 & below	1

- *The performance grading shall be based on the aggregate performance of Internal Assessment and Semester End Examination.*

## University of Mumbai 7-point Absolute

Grade	Scale	US Grade
O	70.00 - 100.00	A+
A	60.00 - 69.00	A
B	55.00 - 59.00	B+
C	50.00 - 54.00	B
D	45.00 - 49.00	C+
E	40.00 - 44.00	C
F	0.00 - 39.00	F



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

KAKINADA - 533 003 , ANDHRA PRADESH, INDIA

**GRADE CARD**

Memo. No. : **N 0017019**

Serial No. : 217021101223402

Examination : B.Tech I Year I Semester (R16) Reg.

Branch : Computer Science and Engineering

Name

Hall Ticket No.

Month & Year of Exams : NOVEMBER 2016

Aadhar No. :

Institution: Kkr And Ksr Inst Of Tech And Sci

S.No.	COURSE CODE	COURSE TITLE	Grade Secured	Grade Points. GI	Status	Credits Obtained. CI
1	R161101	ENGLISH-I	S	9	P	3
2	R161102	MATHEMATICS-I	B	7	P	3
3	R161104	APPLIED PHYSICS	B	7	P	3
4	R161107	COMPUTER PROGRAMMING	C	6	P	3
5	R161109	MATHEMATICS-II (MATHEMATICAL METHO	B	7	P	3
6	R161112	ENGINEERING DRAWING(CSE/IT/AGRIE)	A	8	P	3
7	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I	O	10	P	2
8	R161115	APPLIED/ENGINEERING PHYSICS LAB	O	10	P	2
9	R161119	C PROGRAMMING LAB	O	10	P	2

Marks sheet lists both the letter grade and grade points

But these letter grades do not seem to match what is listed by AACRAO and Scholaro

# AACRAO

## Choice Based Credit System Grading Scale

- Some Indian universities began moving away from the traditional annual marking system to a semester grading process also known as the Choice Based Credit System; it also involved changing course format. In 2015 the University Grants Commission (UGC) published 'UGC Guidelines on Adoption of Choice Based Credit System', in which the UGC enumerated a suggested grading scale, provided below. The Choice Based Credit System of grading is similar to the 10 point scale used by the Indian Institutes of Technology (IIT) campuses.

Indigenous Grade			Indigenous Grade Classification	Suggested U.S. Equivalence
O	Outstanding	10	First Class with Distinction (70-100%)	A
A+	Excellent	9		
A	Very Good	8		
B+	Good	7	First Class (60-69%)	B
B	Above Average	6	Second Class (50-59%)	
C	Average	5	Third (Pass) Class (40-49%)	C
P	Pass	4		
F	Fail	0	-	F
Ab	Absent		-	

- Descriptors may vary by institution with slight changes to letters/descriptors (e.g. substituting 'Fair' in place of 'Average').
- Several institutions do not award Third Class degrees; Second Class (50%) becomes the lowest overall grade for the award of the degree. This does not impact suggested U.S. Equivalencies.
- Schools generally include the grading used under the Choice Based Credit System marks sheet/transcript. This will help determine grading equivalencies if it includes Class Division cut-offs and/or percentage ranges for the 10 point number grades.
- Reference individual school websites for specific Ordinances passed by University administrators declaring the grading system in effect.

# Scholaro Pro

## UGC 10-point Grading Scale

Along with the Choice Based Credit System (CBCS) Reforms of 2015, the standardized 10-point scale was introduced. It is being gradually phased in at certain institutions. Variations exist in its application, care should be taken to reconcile differences in degree classification and gpa calculated with this scale.

Grade	Scale	Grade Description	US Grade
O	10.00	Outstanding	A
A+	9.00 - 9.99	Excellent	A
A	8.00 - 8.99	Very Good	B+
B+	7.00 - 7.99	Good	B
B	6.00 - 6.99	Above Average	B-
C	5.00 - 5.99	Average	C
P	4.00 - 4.99	Pass	C
F	0.00	Fail	F
Ab	0.00	Absent	-

Why does Scholaro award different grades compared to AACRAO?

# Converting CBCS Grades



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

KAKINADA - 533 003 , ANDHRA PRADESH, INDIA

**GRADE CARD**

**Memo. No. :** N 0017019

**Serial No. :** 217021101223402

**Examination :** B.Tech I Year I Semester (R16) Reg.

**Branch :** Computer Science and Engineering

**Name**

**Hall Ticket No.**

**Month & Year of Exams :** NOVEMBER 2016

**Aadhar No. :**

**Institution:** Kkr And Ksr Inst Of Tech And Sci

S.No.	COURSE CODE	COURSE TITLE	Grade Secured	Grade Points. Gi	Status	Credits Obtained. Ci
1	R161101	ENGLISH-I	S	9	P	3
2	R161102	MATHEMATICS-I	B	7	P	3
3	R161104	APPLIED PHYSICS	B	7	P	3
4	R161107	COMPUTER PROGRAMMING	C	6	P	3
5	R161109	MATHEMATICS-II (MATHEMATICAL METHO	B	7	P	3
6	R161112	ENGINEERING DRAWING(CSE/IT/AGRLE)	A	8	P	3
7	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I	O	10	P	2
8	R161115	APPLIED/ENGINEERING PHYSICS LAB	O	10	P	2
9	R161119	C PROGRAMMING LAB	O	10	P	2

**UGC 10-point Grading Scale**

Along with the Choice Based Credit System (CBCS) Reforms of 2015, the standardized 10-point scale was introduced. It is being gradually phased in at certain institutions. Variations exist in its application, care should be taken to reconcile differences in degree classification and gpa calculated with this scale.

Grade	Scale	Grade Description	US Grade
O	10.00	Outstanding	A
A+	9.00 - 9.99	Excellent	A
A	8.00 - 8.99	Very Good	B+
B+	7.00 - 7.99	Good	B
B	6.00 - 6.99	Above Average	B-
C	5.00 - 5.99	Average	C
P	4.00 - 4.99	Pass	C
F	0.00	Fail	F
Ab	0.00	Absent	-

**Total Foreign Credits: 24**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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Memo. No. : **N 0017019**

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7	R161114	ENGLISH-COMMUNICATION SKILLS LAB-I	O	10	P	2
8	R161115	APPLIED/ENGINEERING PHYSICS LAB	O	10	P	2
9	R161119	C PROGRAMMING LAB	O	10	P	2

Letter Grade	Grade Point	U.S. Grade
O	10.00	A
S	9.00 – 9.99	A
A	8.00 – 8.99	B+
B	7.00 – 7.99	B
C	6.00 – 6.99	B-
D	5.00 – 5.99	C
F	0.00 – 4.99	F

English – I	$2.00 \times 4.00 = 8.00$
Mathematics – I	$2.00 \times 3.00 = 6.00$
Applied Physics	$2.00 \times 3.00 = 6.00$
Computer Programming	$2.00 \times 2.70 = 5.40$
Mathematics – II	$2.00 \times 3.00 = 6.00$
Engineering Drawing	$2.00 \times 3.30 = 6.60$
English-Communication Skills Lab – I	$1.50 \times 4.00 = 6.00$
Applied/Engineering Physics Lab	$1.50 \times 4.00 = 6.00$
C Programming Lab	$1.50 \times 4.00 = 6.00$
<b>Total grade points: 56.00</b>	
<b>Total credits: 16.50</b>	<b>GPA: 3.40</b>

# AACRAO

## Indian Institutes of Technology (IIT)

Indigenous Grade			Suggested U.S. Equivalence
Ex	Excellent	10	A
A	Very good	9	
B	Good	8	B
C	Fair	7	
D	Average	6	C
P	Pass	P	
F	Fail	2	F

- Not all IITs are using the 10 point grading scale.

# Scholaro Pro

## Indian Institute of Technology Gandhinagar

Grade	Scale	US Grade
A+	11.00	A+
A	10.00	A
A-	9.00	A
B	8.00	B+
B-	7.00	B
C	6.00	B-
C-	5.00	C
D	4.00	C
E	2.00	F
F	0.00	F

## Indian Institute of Technology Kanpur

Grade	Scale	Grade Description	US Grade
A	10.00	Excellent	A
B	8.00	Good	B+
C	6.00	Average	B-
D	4.00	Marginal	C
E		Fail	F
F		Fail	F

Sometimes the grading scales can differ depending on the campus.

# Interesting Cases with CBCS Grading

# Sam Higginbottom University of Agriculture, Technology And Sciences

(U.P. State Act No. 35 of 2016, as passed by the Uttar Pradesh Legislature)

Allahabad, India

## TRANSCRIPT

B. Tech. ELECTRICAL AND ELECTRONICS ENGINEERING

Name

Father's Name

Mother's Name

P.Id No :

Session : 2014 - 2018

B. Tech. (E.E.E) ANNA UNIVERSITY, CHENNAI - 25

Semester	Code	Course	Crdt.	Grade	G.P.A
1	CY6151	ENGINEERING CHEMISTRY - I	3	*W	# 0.00
	GE6151	COMPUTER PROGRAMMING	3	*U	
	GE6152	ENGINEERING GRAPHICS	4	*U	
	HS6151	TECHNICAL ENGLISH - I	4	*U	
	MA6151	MATHEMATICS - I	4	*U	
	PH6151	ENGINEERING PHYSICS - I	3	*U	
	GE6161	COMPUTER PRACTICES LABORATORY	2	*U	
	GE6162	ENGINEERING PRACTICES LABORATORY	2	*U	
	GE6183	PHYSICS AND CHEMISTRY LABORATORY - I	1	*U	
2	GE6151	COMPUTER PROGRAMMING	3	*U	# 5.5
	GE6183	PHYSICS AND CHEMISTRY LABORATORY - I	1	D	
	HS6151	TECHNICAL ENGLISH - I	4	E	
	GE6161	COMPUTER PRACTICES LABORATORY	2	B	
	GE6162	ENGINEERING PRACTICES LABORATORY	2	D	
	GE6152	ENGINEERING GRAPHICS	4	E	
	MA6151	MATHEMATICS - I	4	*U	
	PH6151	ENGINEERING PHYSICS - I	3	E	
	CY6151	ENGINEERING CHEMISTRY - I	3	*U	
	CY6251	ENGINEERING CHEMISTRY - II	3	*U	
	EE6201	CIRCUIT THEORY	4	*U	
	EE6211	ELECTRIC CIRCUITS LABORATORY	2	*U	
	GE6251	BASIC CIVIL AND MECHANICAL ENGINEERING	4	E	
	GE6262	PHYSICS AND CHEMISTRY LABORATORY - II	1	*U	
	GE6263	COMPUTER PROGRAMMING LABORATORY	2	*U	
	HS6251	TECHNICAL ENGLISH - II	4	D	
MA6251	MATHEMATICS - II	4	*U		
PH6251	ENGINEERING PHYSICS - II	3	*U		

Notice the U grades. You may also notice that they are repeated in the second term.

Luckily, the documents explain that these U-graded courses were cleared in the later semesters.

# G.P. A awarded by ANNA University has been accepted under choice based credit system.

\*U, \*W- Cleared in 3rd, 4th, 5th and 7th, 8th Semester, SHUATS Allahabad

TN16932  
**Sam Higginbottom University of Agriculture, Technology And Sciences**  
**TRANSCRIPT**

(U.P. State Act No. 35 of 2016, as passed by the Uttar Pradesh Legislature)

Allahabad, India

**B.Tech. Electrical and Electronics Engineering**

Name : [Redacted] P.Id. No. : [Redacted]  
 Father's Name : [Redacted] Session : 2014 - 2018  
 Mother's Name : [Redacted] Aadhaar No. : NA

Semester	S.No.	Code	Course	Crdt.	Grade	Remarks	S.G.P.A.
3rd	1*	EE 302#	ELECTRICAL ENGINEERING	4	A		7.44
	2	GPT 301	MORAL AND VALUE EDUCATION	2	A		
	3	ME 302	INTRODUCTION TO MANUFACTURING PROCESS	2	A		
	4	CSIT 302	INTRODUCTION TO INFORMATION TECHNOLOGY	4	C		
	5	ECB 401#	SOLID STATE DEVICES AND CIRCUITS	5	C		
	6	ECE 402	SWITCHING THEORY AND LOGIC DESIGN	3	B		
	7	EE 401#	NETWORKS AND SYSTEMS	5	C		
	8	EE 405#	ELECTRICAL MEASUREMENT AND MEASURING INSTRUMENTS	5	B		
	9	ENV 415	ENVIRONMENTAL STUDIES - I	2	B		
	10	MAS 390	ENGINEERING MATHEMATICS - III	4	C		
4th	1	CHEM 513#	ENGINEERING CHEMISTRY	5	A		7.31
	2	CSIT 443	COMPUTER ORGANIZATION	4	C		
	3	MAS 491	COMPUTER BASED NUMERICAL AND STATISTICAL TECHNIQUES	4	D		
	4	ME 401	ENGINEERING GRAPHICS - II	2	A		
	5	ECE 403	ELECTRONIC WORKSHOP AND P.C.B LAB	2	B		
	6	ECE 406	SIGNALS AND SYSTEM	4	B		
	7	EEE 403	ELECTRICAL MACHINE - I	4	C		
	8	EEE 405	ELECTRICAL ENGINEERING MATERIALS	5	B		
	9	EEE 407	ELECTROMAGNETIC FIELD THEORY	3	C		
	10	ENVS 416	ENVIRONMENTAL STUDIES - II	2	B		
5th	1	MAS 411#	ENGINEERING MATHEMATICS - I	4	A		9.19
	2	BAM 315	ELEMENTS OF ECONOMICS & PRINCIPLES OF MANAGEMENT SCIENCE	4	B		
	3	ECE 501	ANALOG COMMUNICATION SYSTEM	5	A		
	4	ECE 504	ELECTRONIC CIRCUIT DESIGN	5	A		
	5	EE 400*	TRAINING - I	1	S	Satisfactory	
	6	EE 501	ELECTRICAL MACHINES - II	5	B		
	7	EE 502	CONTROL SYSTEMS	5	A		
	8	EE 503	ELEMENTS OF POWER SYSTEM	4	B		

**B.Tech. Electrical and Electronics Engineering**

Name : XXXXXXXXXX  
 Father's Name : XXXXXXXXXX  
 Mother's Name : XXXXXXXXXX

P.Id. No. : XXXXXXXXXX  
 Session : 2014 - 2018  
 Aadhaar No. : NA

Semester	S.No.	Code	Course	Crdt.	Grade	Remarks	S.G.P.A.
6th	1	ECE 404	ELECTRONIC MEASUREMENT AND MEASURING INSTRUMENT	5	A		9.24
	2	ECE 405	MICROPROCESSOR AND APPLICATION	5	B		
	3	ECE 505	BIO - MEDICAL INSTRUMENTATION	4	A		
	4	ECE 506	DIGITAL COMMUNICATION SYSTEM	5	A		
	5	EE 504	POWER ELECTRONICS	5	B		
	6	EE 506	POWER SYSTEM ANALYSIS	4	A		
	7	EE 580	SEMINAR - I	1	B		
7th	1	CE 401	ENGINEERING MECHANICS	3	A		9.68
	2	EE 603	MODERN CONTROL SYSTEM	4	B		
	3	ECE 511	TELEMETRY AND DATA TRANSMISSION	5	A		
	4	EE 500*	TRAINING - II	2	S	Satisfactory	
	5	EE 507	POWER STATION PRACTICE	3	A		
	6	EE 601	SWITCH GEAR AND PROTECTION	5	A		
	7	EE 606	NON - CONVENTIONAL ENERGY SOURCES	4	A		
	8	EE 680	SEMINAR - II	1	A		
	9	EE 699a*	PROJECT (PROJECT FORMULATION)	2	S	Satisfactory	
8th	1	CSIT 401#	COMPUTER AND LANGUAGES	4	B		9.35
	2	ECE 301	BASIC ELECTRONICS	4	A		
	3	MAS.490#	ENGINEERING MATHEMATICS - II	4	A		
	4	ME 304	WORKSHOP PRACTICE AND TECHNOLOGY	4	B		
	5	PHY 312#	ENGINEERING PHYSICS - II	4	A		
	6	ECE 507	DIGITAL SIGNAL PROCESSING	5	A		
	7	EE 611	INDUSTRIAL DRIVES	4	A		
	8	EE 623	ADVANCED POWER ELECTRONICS	4	B		
	9	EE 635	HIGH VOLTAGE ENGINEERING	4	A		
	10	EE 699b*	PROJECT (PROJECT EXECUTION AND REPORT)	6	S	Satisfactory	

S.G.P.A. and C.G.P.A. are out of 10 Point Scale.

Cumulative Grade Point Average (C.G.P.A.) : 8.63

$$\text{Semester Grade Point Average (SGPA)} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}, \text{ Cumulative Grade Point Average (CGPA)} = \frac{\sum_{i=1}^m C_i S_i}{\sum_{i=1}^m C_i}$$

where n is the number of courses registered during a semester, C<sub>i</sub> is the number of credits allocated to a particular course, G<sub>i</sub> is the grade point corresponding to the grade awarded for that course. m is the total number of semesters being considered and S<sub>i</sub> is SGPA of particular semester.

Percentage of marks	Letter Grade	Grade Point	Percentage of marks	Letter Grade	Grade Point
85% or above marks	A	10.00	40% to 54.99%	D	4.00
70% to 84.99%	B	8.00	Satisfactory	S	Non-Credit
55% to 69.99%	C	6.00	Unsatisfactory	U	Non-Credit

The grading scale is provided. It is based on the CBCS.

...but the grade points are in intervals of 2.00!

U appears to be a non-credit Unsatisfactory Grade.





What do we do?

We convert according to Grade  
Points

# Converting the Grade Points

## UGC 10-point Grading Scale

Along with the Choice Based Credit System (CBCS) Reforms of 2015, the standardized 10-point scale was introduced. It is being gradually phased in at certain institutions. Variations exist in its application, care should be taken to reconcile differences in degree classification and gpa calculated with this scale.

Grade	Scale	Grade Description	US Grade
O	10.00	Outstanding	A
A+	9.00 - 9.99	Excellent	A
A	8.00 - 8.99	Very Good	B+
B+	7.00 - 7.99	Good	B
B	6.00 - 6.99	Above Average	B-
C	5.00 - 5.99	Average	C
P	4.00 - 4.99	Pass	C
F	0.00	Fail	F
Ab	0.00	Absent	-

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**



L.B. Reddy Nagar :: Mylavaram - 521 230 :: Krishna Dist.  
Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA, ISO 9001: 2008 Certified Institution

**MEMORANDUM OF GRADES**

**118214**

**Mechanical Engineering**

**Course:** B. Tech. I Semester

**Exam Date:** Feb, 2013

**Student Name:**



**Reg. No.:**



**Father / Gaurdian:**

SUBJECT CODE	SUBJECT TITLE	GRADE	CREDITS
T118	Applied Mathematics-I	E	4
T131	C Programming	E	4
T197	English-I	C	3
T264	Numerical Methods	D+	4
T192	Engineering Graphics	D+	4
P806	C Programming Lab	A	2
P812	Computer Aided Engineering Graphics	A	2
P831	Engineering Workshop	A	2

# The Grading Scale at the End of the Documents

## A. Conversion of Marks into Letter Grades and Grade Points:

Percentage of Marks Scored	Letter Grades	Grade points
$\geq 90$	S	4.00
$\geq 85$ and $< 90$	A <sup>+</sup>	3.67
$\geq 80$ and $< 85$	A	3.33
$\geq 75$ and $< 80$	B <sup>+</sup>	3.00
$\geq 70$ and $< 75$	B	2.67
$\geq 65$ and $< 70$	C <sup>+</sup>	2.33
$\geq 60$ and $< 65$	C	2.00
$\geq 55$ and $< 60$	D <sup>+</sup>	1.67
$\geq 50$ and $< 55$	D	1.33
$\geq 40$ and $< 50$	E	1.00
$< 40$	F	0

The grade points are out of 4.00 instead of 10.00 like other CBCS scales. We can't use the grade points.

How could we convert the grades?

Grade Conversion Scale:

Grade	Scale 1	Scale 2	US Grade
S	90.00-100.00	10	A
A+	85.00-89.99	9	A
A	80.00 - 84.99	9	A
B+	75.00-79.99	8	B+
B	70.00-74.99	8	B+
C+	65.00-69.99	7	B
C	60.00 – 64.99	7	B
D+	55.00-59.99	6	B-
D	50.00-54.99	6	B-
E	40.00-49.99	5	C
F	0.00-39.99	0	
Ab	0.00	0	-

We don't have the grade points, but we do have percentage scales that match the original CBCS, so we based the conversion on that and provided the grade points as they would appear in the normal scale.

# COVID-19-related Examples

**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
सत्राखर्ष ग्रेड रिपोर्ट  
**SEMESTER GRADE REPORT**

IInd SEMESTER 2019-2020

NAME : ██████████ ENTRY NO : ██████████  
DEPARTMENT : Electrical Engineering DEGREE REGISTERED FOR : MTECH  
PROGRAMME : M.Tech. CONTROL & AUTOMATION

पठ्यक्रम नं० COURSE NO.	पठ्यक्रम शीर्षक COURSE TITLE	क्रेडिट CREDITS	ग्रेड GRADE
1	ELD802 MAJOR PROJECT PART II	12.0	A
2	ELL805 NETWORKED AND MULTI-AGENT CONT	3.0	NP

CREDIT EARNED IN THE SEMESTER = 15.0  
SEMESTER GRADE POINT AVERAGE (SGPA) = 10.000  
CUMULATIVE GRADE POINT AVERAGE (CGPA) = 9.800  
EARNED CREDITS (EC) = 48.0

*[Signature]*  
DEPUTY REGISTRAR (PGS&R)

29-Jul-2020  
DATE.....

Grade of A and Grade of "NP." We don't usually see NP...




### The Grading System

Grade	Grade Points	Description of performance
A	10	Outstanding
A(-)	9	Excellent
B	8	Very good
B(-)	7	Good
C	6	Average
C(-)	5	Below average
D	4	Marginal
E	2	Poor
F	0	Very Poor
I	-	Incomplete
NP	-	Audit pass
NF	-	Audit fail
W	-	Withdrawal
X	-	Continuation Project
S	-	Satisfactory Completion
Z	-	Non-completion


# IIT Gandhinagar introduces new grading system, will not follow 'no fail' policy

TNN | Posted on Wednesday, May 27, 2020 13:52

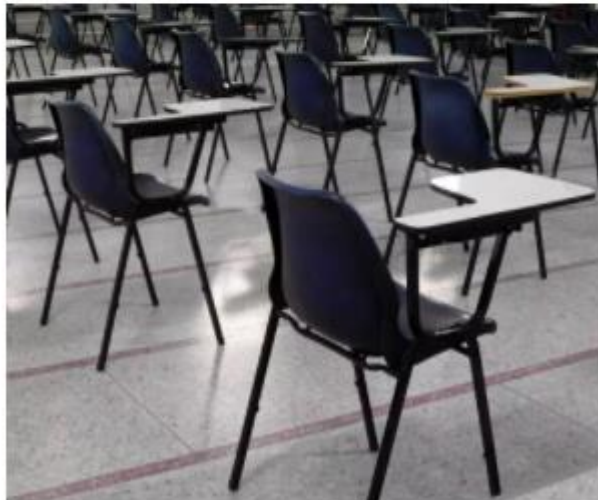
The institute will either award a P(E) grade i.e. [Pass (Emergency)] and I/F grade that denotes 'Incomplete/Fail'

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Indian Institute of Technology (IIT) Gandhinagar will complete the pending semester courses for the 2019-20 academic year through online classes commencing on June 8. The institute has also introduced a new grading system for the disrupted academic term.

The institute will not be issuing any letter grades for courses in the second semester instead, it has introduced two new grades - 'P(E)' and 'I/F'. The Institute has requested faculty members to

consider reworking their earlier grading/evaluation policies, if warranted.

# भारतीय प्रौद्योगिकी संस्थान गाँधीनगर

## INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

### अनुलिपी / TRANSCRIPT

NAME : [REDACTED]

ROLL NO : [REDACTED]

DATE : 18-06-2021

DISCIPLINE : Cognitive Sciences

PROGRAMME : M.Sc

#### Academic Period : 2019-2020 SEMESTER I

Code	Course Name	Credit	Grade
CG 501	Computation and Cognition	4	B-
CG 503	Fundamentals of Cognitive Psychology	4	B
CG 504	Research Methods in Cognitive Science	4	P
CG 505	Fundamental Neuroscience	4	P
CG 606	Philosophy of Mind	4	A
MS 404	Neuromarketing	2	A
SC 241	Introduction to Statistical Analysis using Bayesian inference	1	P
SPI: 8.57		CPI: 8.57	

#### Academic Period : 2019-2020 SEMESTER II

Code	Course Name	Credit	Grade
CG 506	Experimental Techniques in Cognitive Science	4	P[E]
CG 603	Perception And Attention	4	P[E]
CG 605	Learning And Memory	4	P[E]
DES 499 - I	Immersive Storytelling through Augmented / Virtual Reality (AR/VR)	4	P[E]
FP 602	Writing	4	P[E]
IN 792	Independent Research Seminar	3	P[E]
SPI: -		CPI: 8.57	

#### Academic Period : 2020-2021 SEMESTER I (Online)

Code	Course Name	Credit	Grade
CG 513	Behavioral Economics	4	B
CG 591-I	Special Topics in Cognitive Science: Introduction to Cognitive Linguistics	4	A-
CG 599A	Project in Cognitive Science (A)	4	B
CG 691-I	Special Topics in Cognitive Science: Neuroplasticity	4	A-
HS 518	Philosophy, Cognition and Psychoanalysis	4	A-
SPI: 8.60		CPI: 8.50	

#### Academic Period : 2020-2021 SEMESTER II (Online)

Code	Course Name	Credit	Grade
CG 599B	Project in Cognitive Science (B)	4	B
CG 599C	Project in Cognitive Science (C)	4	B
CG 599D	Project in Cognitive Science (D)	4	B-
HS 691-IV	Special Topics in HSS: Science Communication: Theory and Practice	4	B
SPI: 7.75		CPI: 8.32	

### SYSTEM OF EVALUATION AND AWARD OF DEGREE

- At the end of every semester, a student is awarded a grade based on his/her performance in every course he/she had registered for. These grades are indicated by the letters A+, A, A-, B, B- etc. and have a numerical equivalent called the grade point, as given below:

Letter Grade	Grade Points
A+	11 [Mark of excellence]
A	10
A-	9
B	8
B-	7
C	6
C-	5
D	4
E	2 [Fail; Needs to repeat of course to pass; meets "exposure" for pre-requisite requirements at IITGN]
F	0 [Fail (Repeat the course)]

1. The SPI/CPI at the end of any semester shall have the maximum limit of 10.00.
2. Grade "P" refers to passing in course and not being counted towards CPI/SPI calculation.
3. Minimum passing grade is "D".
4. The grade "F" in any credit course is taken into consideration while calculating SPI and CPI.
5. The Institute follows grading system on a scale of 10.00, which cannot be converted into any other scale or percentage by simply multiplying or dividing by a factor. Cumulative Performance Index (C.P.I) of 6.50 and above out of 10.00 at the end of programme may be considered as First Class.
6. As per the existing rules, rank in class is not certified except for first position in a class on yearly basis.
7. The medium of instruction at the Institute is in English.
8. Each unit of thesis has 4 credits and the grades are given as 'S' for satisfactory or 'U' for unsatisfactory. Thus 4 units (16 credits) can get one of the following five combinations SSSS, SSSU, SSUU, SUUU, UUUU.

# III. Examples and Practical Exercises with Grading



केन्द्रीय माध्यमिक शिक्षा बोर्ड

Central Board of Secondary Education

Examination

Brought to you by [National Inf](#)

<http://cbs>

CBSE Secondary School Examination  
Continuous and Comprehensive

New CBSE Grading 2010-present

Senior School Certificate Examination (Class XII) Results 2009

Roll No:

Name:

Mother's Name:

Father's Name:

SUB CODE	SUB NAME	MARKS	GRADE
301	ENGLISH CORE	068	B2
041	MATHEMATICS	033	D2
055	ACCOUNTANCY	072	B1
054	BUSINESS STUDIES	073	B1
030	ECONOMICS	071	A2
500	WORK EXPERIENCE	---	D2
502	PHY & HEALTH EDUCA	---	D2
503	GENERAL STUDIES	---	C2

Result: PASS

Grade	Scale	Scale 2	US Grade
A-1	10.00	91.00 - 100.00	A
A-2	9.00	81.00 - 90.00	A
B-1	8.00	71.00 - 80.00	B
B-2	7.00	61.00 - 70.00	B
C-1	6.00	51.00 - 60.00	C
C-2	5.00	41.00 - 50.00	C
D	4.00	33.00 - 40.00	D
E-1	0.00	21.00 - 32.00	F
E-2	0.00	0.00 - -2.00	F

**Disclaimer:** Neither NIC nor CBSE is responsible for any inadvertent error that may have crept in the results being published on NET. The results published on net are for immediate information to the examinees. These cannot be treated as original mark sheets. Original mark sheets have been issued by the Board separately

[Designed, Developed and Hosted by National Informatics Centre](#)

Converting units and grades for the SSCE (2.00 can be used for units)

**MEMORANDUM OF GRADES**

Serial No: 11319046978

HTNO.: [REDACTED]

Examination: II B.Tech. I Semester (R16) Regular

Exam Date: November, 2018

Branch: ELECTRONICS & COMMUNICATION ENGINEERING

Institution : R9-TKREC, SAROORNAGAR

Name: [REDACTED]

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(Gi)	Result	Credits (Ci)
1	133BD	MATHEMATICS - IV	C	5	P	4.0
2	133AB	ANALOG ELECTRONICS	C	5	P	4.0
3	133AN	ELECTRICAL TECHNOLOGY	B	6	P	4.0
4	133BQ	SIGNALS AND STOCHASTIC PROCESS	B	6	P	3.0
5	133BJ	NETWORK ANALYSIS	B	6	P	3.0
6	13310	ELECTRONIC DEVICES AND CIRCUITS LAB	O	10	P	2.0
7	13304	BASIC SIMULATION LAB	O	10	P	2.0
8	13302	BASIC ELECTRICAL ENGINEERING LAB	O	10	P	2.0
9	13313	ENVIRONMENTAL SCIENCE AND TECHNOLOGY	O	10	P	0.0

Grade	Scale	Grade Description	US Grade
O	10.00	Outstanding	A
A+	9.00 - 9.99	Excellent	A
A	8.00 - 8.99	Very Good	B+
B+	7.00 - 7.99	Good	B
B	6.00 - 6.99	Above Average	B-
C	5.00 - 5.99	Average	C
P	4.00 - 4.99	Pass	C
F	0.00	Fail	F
Ab	0.00	Absent	-

**GRADING SYSTEM**

% of Marks Secured in a Subject/Course	Letter Grade	Grade Points
Greater than or equal to 90%	O (Outstanding)	10
80 and less than 90%	A+ (Excellent)	9
70 and less than 80%	A (Very Good)	8
60 and less than 70%	B+ (Good)	7
50 and less than 60%	B (Average)	6
40 and less than 50%	C (Pass)	5
Below 40%	F (FAIL)	0
Absent	Ab	0

Converting one semester's worth of undergraduate credits and CBCS grades.

Questions?



# The End

Brock Goldflies  
brockg@scholaro.com

# Recap

- Indian grading is either based on traditional marks or one of a variety of secondary-level or tertiary-level grading scales. Overall, it is intuitive and based on institutions.
- Grading at the secondary vs. postsecondary level depends on the time period and what grading system is in place.
- Working with new and old grading systems showed that there are considerable differences in how each system is converted.

# Sources

1. “Foreign Educational Credentials Analysis,” NAFSA (2014)
2. “International Education Guide – India,” IQAS (2016)
3. “Online Guide to Educational Systems – India,” NAFSA (2010)
4. Letter about the CBCS Reform of 2015  
([https://www.ugc.ac.in/pdfnews/6685669\\_English.pdf](https://www.ugc.ac.in/pdfnews/6685669_English.pdf)), University Grants Commission
5. “Grading System in CBSE for 10<sup>th</sup> & 12<sup>th</sup>,” Central Board of Secondary Education
6. “Manual on Semester Based, Credit and Grading System for Under Graduate (UG) Programmes under the Faculty of Arts,” University of Mumbai (2011 – 2012)

# Appendix

Accreditation/oversight bodies in India:

- Central Board of Secondary Education (CBSE): <https://www.cbse.gov.in/>
- Council for the Indian School Certificate Examination (CISCE): <https://www.cisce.org/>
- National Institute of Open Schooling (NIOS): <https://www.nios.ac.in/>
- State Examination Boards
- University Grants Commission: <https://www.ugc.ac.in/>
- All-India Council for Technical Education: <https://www.aicte-india.org/>
- National Assessment and Accreditation Council: <http://naac.gov.in/index.php/en/>
- National Board of Accreditation (NBA): <https://www.nbaind.org/>