



# AISSMS

INSTITUTE OF INFORMATION TECHNOLOGY

ADDING VALUE TO ENGINEERING



Approved by AICTE New Delhi, Recognized by the Government of Maharashtra  
and Affiliated to Savitribai Phule Pune University.

Accredited by NAAC with A grade

## Examination Rules and Regulations

- MILIND P GAJARE

ASST. PROFESSOR

E&TC ENGINEERING DEPT.



### AISSMS

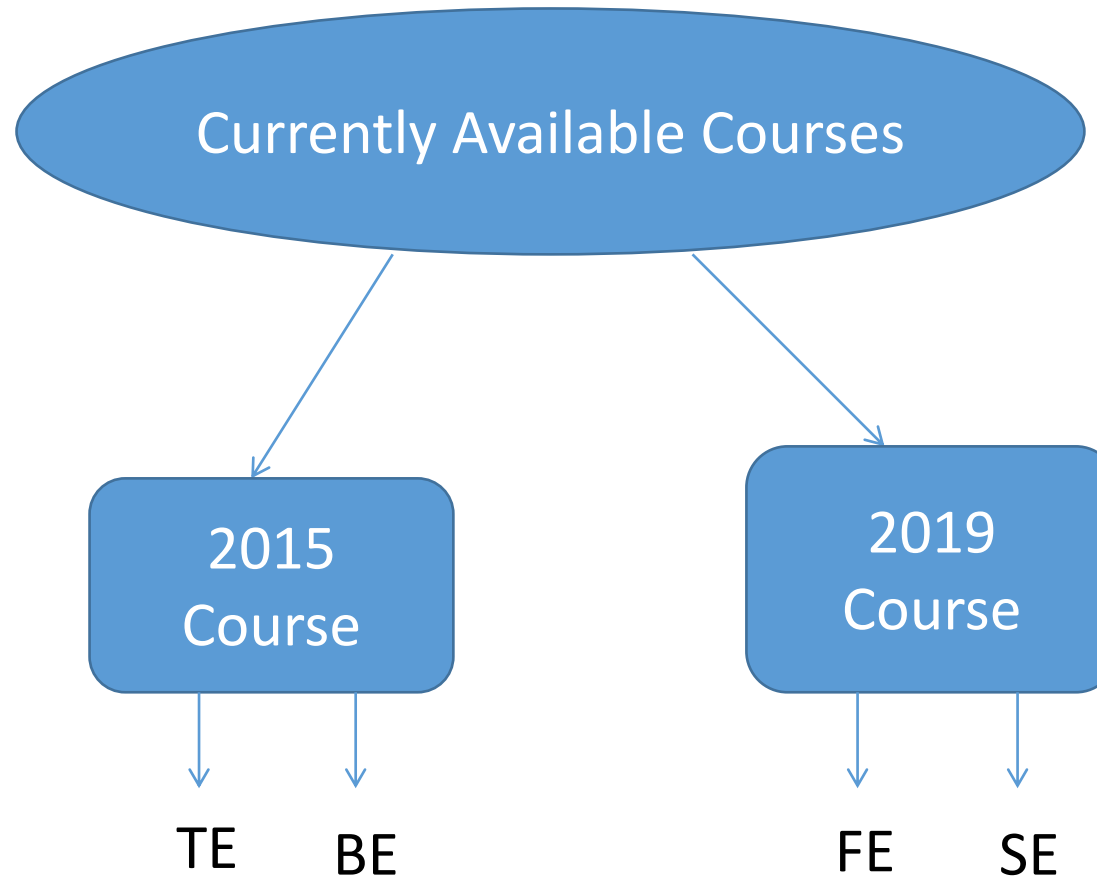
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# Currently Available Examination patterns



- **2015 Course and 2019 Course are Credit Based Courses in which Student's performance is measured by grades that he/she obtained.**
- Grades are assigned as letters (i.e 'A' through 'F') as a range out of a possible total
- Grades are averaged to create a **grade point average (GPA)**. GPA is calculated by using the number of grade points a student earns in a given period of time.
- GPAs are often calculated for undergraduate and Postgraduate students

## Grade Point Average (GPA)

- A **Semester grade point average (SGPA)** is a measure of a student's performance (Credits points obtained) for semester (for year)
- A **cumulative grade point average (CGPA)**, sometimes referred to as just GPA, is a measure of a student's performance (Credits points obtained) for all semesters.

## Definition of Credit

1 Hour Lecture (L) per week	1 credit for 1 Hour
Tutorial (T) per week	1 credit for 1 Hour
Practical (P) per week 2 Hours Practical(Lab)/week	1 credit for 2 Hours

## Credit structure for B E programme (2015 Course)

Course Work	Credits								
	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6	Sem-7	Sem-8	Total
Mandatory Subjects <sup>s</sup>	19	19	20	20	18	18	10	6	130
Elective Subjects							6	6	12
Lab Courses	6	6	5	5	5	4	4	4	39
Seminar						1			1
Project Work							2	6	8
<b>Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>23</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>190</b>

FE= 50

SE= 50

TE= 46

BE= 44

Total= 190

## Credit structure for B E programme (2019 Course)

Credits offered									
Course Work	Semester								Total
	I	II	III	IV	V	VI	VII	VIII	
Professional Theory Courses *	17	16	15	15	12	06	06	06	90
Elective Courses^	-	-	-	-	03	03	06	06	18
Laboratory Courses/ continuous assessment/TW	05	04	07	05	05	05	06	02	42
Seminar & Communication Skills	-	-	-	-	01	01	-	-	02
Project Work	-	-	-	-	-	02	02	06	10
Project Based Learning	-	02	-	02	--	--	--	--	04
Internship <sup>3</sup>	--	--	--	--	-	04	--	--	04
<b>Total</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>21</b>	<b>21</b>	<b>20</b>	<b>20</b>	<b>170</b>

FE= 44    SE= 44    TE= 42    BE= 40    Total= 170

## Assessment and Grade Points (2015 course)

% Marks	Grade	Grade Point
80-100	O: Outstanding	10
70-79	A+: Excellent	9
60-69	A: Very Good	8
55-59	B+: Good	7
50-54	B: Above Average	6
45-49	C: Average	5
40-44	P: Pass	4
0-39	F: Fail	0
-	Ab: Absent	0



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## Assessment and Grade Points (2019 course)

Grade	Grade Point	Percentage of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very Good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
E	5	40-49	Below Average
F	0	Below 40	Fail

## Comparison of Grade Points

2015 Course			2019 Course		
% Marks	Grade	Grade Point	% Marks	Grade	Grade Point
80 -100	O	10	90-100	O	10
70-79	A+	9	80-89	A	9
60-69	A	8	70-79	B	8
55-59	B+	7	60-69	C	7
50-54	B	6	50-59	D	6
45-49	C	5	40-49	E	5
40-44	P	4	0-39	F	0
0-39	F	0			

## Calculation of Credit Points

Credit Point (CP) = Credits (Crd) allotted to Subject × Grade Points (GP) obtained in the subject

## SGPA and CGPA Calculations (2015 Course)

$$\text{SGPA} = \frac{\text{Total credits points}(CP) \text{ earned in semester}}{\text{Total Credits of the semester/Year}}$$

$$\text{CGPA} = \frac{\text{Total credits points}(CP) \text{ earned in all semesters}}{190}$$

## CGPA Calculations for Direct Second Year Students

$$\text{CGPA} = \frac{\text{Total credits points}(CP) \text{ earned in all semesters}}{140}$$

## SGPA and CGPA Calculations (2019 Course)

$$\text{SGPA} = \frac{\text{Total credits points}(CP) \text{ earned in semester}}{\text{Total Credits of the semester/Year}}$$

$$\text{CGPA} = \frac{\text{Total credits points}(CP) \text{ earned in all semesters}}{170}$$

## CGPA Calculations for Direct Second Year Students

$$\text{CGPA} = \frac{\text{Total credits points}(CP) \text{ earned in all semesters}}{126}$$

# Sample Calculations

	OE	TH	[OE+TH]	TW	PR	OR	Tot%	Crđ	Grđ	GP	CP	P&R	ORD
SEM. :1													
204181	020/050	034/050	054/100	---	---	---	54	03	B	06	18	---	---
204181	---	---	---	014/025	---	---	56	01	B+	07	07	---	---
204182	020/050	020/050	040/100	---	---	---	40	04	P	04	16	---	---
204182	---	---	---	---	020/050	---	40	01	P	04	04	---	---
204183	013/050	27\$/050	040/100	---	---	---	40	03	P	04	12	---	3\$
204183	---	---	---	011/025	---	---	44	01	P	04	04	---	---
204184 *	023/050	020/050	043/100	---	---	---	43	04	P	04	16	---	---
204184	---	---	---	---	---	020/050	40	01	P	04	04	---	---
204185 *	021/050	020/050	041/100	---	---	---	41	04	P	04	16	---	---
204185	---	---	---	---	021/050	---	42	01	P	04	04	---	---
204186	---	---	---	024/050	---	---	48	02	C	05	10	---	---
SEM. :2													
204187	018/050	22\$/050	040/100	---	---	---	40	04	P	04	16	---	2\$
204187 *	---	---	---	012/025	020/050	---	42	01	P	04	04	---	---
204188	021/050	021/050	042/100	---	---	---	42	03	P	04	12	---	---
204189	020/050	020/050	040/100	---	---	---	40	03	P	04	12	---	---
204189	---	---	---	---	029/050	---	58	01	B+	07	07	---	---
204190 *	018/050	030/050	048/100	---	---	---	48	03	C	05	15	---	---
204190	---	---	---	---	---	039/050	78	02	A+	09	18	---	---
204191	---	---	---	025/050	---	---	50	03	B	06	18	---	---
207005 *	020/050	020/050	040/100	---	---	---	40	04	P	04	16	---	---
207005	---	---	---	018/025	---	---	72	01	A+	09	09	---	---
204192A	---	---	---	PP	---	---	PP	00	P	00	00	---	---

SECOND YEAR SGPA : 4.76, TOTAL CREDITS EARNED : 50

$$SGPA = \frac{\text{Total Credit Points}(CP)}{50} = \frac{238}{50} = 4.76$$

## CGPA and Class awarded ( 2015 and 2019 Course )

Sr. No.	CGPA	Class of the Degree awarded
1.	7.75 or More than 7.75	First Class with Distinction
2.	6.75 or more but less than 7.75	First Class
3.	6.25 or more but less than 6.75	Higher Second Class
4.	5.5 or more but less than 6.25	Second Class

## Minimum Credits Points Required to get Class

Sr No	2015 Course	2019 Course	CGPA	Class
1	1473	1318	7.75 or More than 7.75	First Class with Distinction
2	1283	1148	6.75 or more but less than 7.74	First Class
3	1188	1063	6.25 or more but less than 6.74	Higher Second Class
4	1045	935	5.5 or more but less than 6.24	Second Class



## Minimum Credits Points Required to get First class and Distinction(2015 Course)

	First Class	
	Credits Points	SGPA
FE	321	6.42
SE	321	6.42
TE	321	6.98
BE	321	7.30
	1284	
	CGPA	6.76

	Distinction	
	Credits Points	SGPA
FE	369	7.38
SE	369	7.38
TE	369	8.02
BE	369	8.39
	1476	
	CGPA	7.77

## Minimum Credits Required to get First class and Distinction (2019 Course)

	First Class	
	Credits Points	SGPA
FE	287	6.52
SE	287	6.52
TE	287	6.83
BE	287	7.18
	1148	
	CGPA	6.75

	Distinction	
	Credits Points	SGPA
FE	330	7.50
SE	330	7.50
TE	330	7.86
BE	330	8.25
	1320	
	CGPA	7.76

## Rules for passing the Theory/PR/OR Examination

A student have to obtain 40 % marks in Theory/PR/OR i.e. ( 40/100, 28/70, 20/50, 10/25 )

## Rule for A.T.K.T (Allow To Keep Term)

A student will be promote to the next year if he/she earns minimum 50% credits of total credits of the year

## Rule to award the Degree

A student will be awarded the bachelor's degree if he/she earns 190(2015 course) or 170(2019 course) credits and clears all the audit courses specified in the syllabus.

## Conversion Formula from CGPA To Percentage

The conversion of CGPA into percentage of marks be calculated as per following formula:

$$\% \text{ of marks} = \text{CGPA} \times 8.80$$

$$\text{where CGPA} = \frac{\sum_{i=1}^p C_i G_i}{\sum_{i=1}^p C_i}$$

$$\text{CGPA} = \frac{\sum \text{Grade Points Earned} \times \text{Credits for each Course}}{\text{Total Credits}}$$

## Ordinance

Ordinance	Symbol	Description
4	#	10 % of end sem i.e 5 marks for FE and SE and 7marks for TE and BE
163	&	NSS, NCC, Sports Representation (10 marks)
1	\$	Grace for 50(70) marks paper max 2(3) marks for each subject for max 5 subjects (10 marks)
1+163	@	Both ordinance
BOP	!	for 3 latest consecutive exam without Absent

## Photocopy and Revaluation

- If Student wish to apply for Revaluation then he/she must have to apply for Photocopy first
- If even 1 marks increased in verification then student will get benefit of that 1 mark
- After receiving the photocopy, Student is eligible to apply for Revaluation
- The benefit of the revaluation given to the student if original marks and marks after revaluation exceed by 5% or more i.e. 3 marks 50 marks paper and 4 marks for 70 marks paper
- All Ordinances are applicable to Photocopy and Revaluation

# Result Calculation Formula

## E) Eight semester courses B.E. B.Pharmacy etc.

### a. Final Semester fresh and repeater students and also having backlogs of previous semesters

No Examination for theory subjects for final semester as well as for previous semester backlogs will be conducted by SPPU. Formulae for result calculation will be communicated soon

### b. Students upto 6<sup>th</sup> semester:

Result will be declared for these students with formulae.

**Theory marks = A + B**

**A** = PP \* 50% of total marks obtained by student in previous immediate semester.

**B** = IP \* 50% of Internal marks obtained by students for particular theory subject head



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## Sample Result

	OE	TH	[OE+TH]	TW	PR	OR	Tot%	Crđ	Grđ	GP	CP	P&R	ORD
SEM. :1	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....
204181	025/050	040/050	065/100	---	---	---	65	03	A	08	24	---	---
204181	---	---	---	021/025	---	---	84	01	O	10	10	---	---
204182	031/050	033/050	064/100	---	---	---	64	04	A	08	32	---	---
204182	---	---	---	---	042/050	---	84	01	O	10	10	---	---
204183	038/050	038/050	076/100	---	---	---	76	03	A+	09	27	---	---
204183	---	---	---	020/025	---	---	80	01	O	10	10	---	---
204184	032/050	039/050	071/100	---	---	---	71	04	A+	09	36	---	---
204184	---	---	---	---	---	039/050	78	01	A+	09	09	---	---
204185	032/050	034/050	066/100	---	---	---	66	04	A	08	32	---	---
204185	---	---	---	---	035/050	---	70	01	A+	09	09	---	---
204186	---	---	---	041/050	---	---	82	02	O	10	20	---	---
204192A	---	---	---	PP	---	---	PP	00	P	00	00	---	---
SEM. :2													
204187 *	041/050	039/050	080/100	---	---	---	80	04	O	10	40	---	---
204187 *	---	---	---	021/025	042/050	---	84	01	O	10	10	---	---
204188 *	044/050	040/050	084/100	---	---	---	84	03	O	10	30	---	---
204189 *	044/050	040/050	084/100	---	---	---	84	03	O	10	30	---	---
204189 *	---	---	---	---	045/050	---	90	01	O	10	10	---	---
204190 *	042/050	039/050	081/100	---	---	---	81	03	O	10	30	---	---
204190 *	---	---	---	---	---	044/050	88	02	O	10	20	---	---
204191 *	---	---	---	041/050	---	---	82	03	O	10	30	---	---
207005 *	042/050	039/050	081/100	---	---	---	81	04	O	10	40	---	---
207005 *	---	---	---	021/025	---	---	84	01	O	10	10	---	---
204193A *	---	---	---	PP	---	---	PP	00	P	00	00	---	---

SECOND YEAR SGPA : 9.38, TOTAL CREDITS EARNED : 50



## Result Calculation Formula

TH	TW	PR	OR	TOTAL	% MARKS	A*0.25	A(Round up)
65	21	42	39				
64	20	35					
76	41						
71							
66							
342	82	77	39	540	72	18.00	18
						End Sem	Total
	IN SEM	%B	B*0.25	B(round up)		A+B	
	41	82	20.50	21		39	80
	44	88	22.00	22		40	84
	44	88	22.00	22		40	84
	42	84	21.00	21		39	81
	42	84	21.00	21		39	81