

SGPA & CGPA Calculations

Sample Mark Sheets of B.Tech (UG) First Semester

Sr. No.: 25-1769391



Dr. Babasaheb Ambedkar Technological University
LONERE - RAIGAD, MAHARASHTRA
(Established by Government of Maharashtra & Governed by Dr. Babasaheb Ambedkar Technological University Act No. XXX of 2014)
GRADE REPORT

EXAMINATION : WINTER SEMESTER EXAMINATIONS 2024

FACULTY : ENGINEERING AND TECHNOLOGY

INSTITUTE NAME : M.S.BIDVE ENGINEERING COLLEGE, LATUR

PROGRAMME : BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING))

PRN : 24021291911002 SEMESTER : FIRST

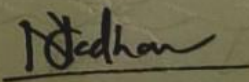
STUDENT'S NAME : SANSKRUTI MADHUKAR AMBEKAR

SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
24AF1000BS101	ENGINEERING MATHEMATICS – I	3	CC
24AF1000CC111A	YOGA EDUCATION	2	CC
24AF1000ES106A	PROGRAMMING FOR PROBLEM SOLVING	2	DD
24AF1000ESL107A	PROGRAMMING FOR PROBLEM SOLVING LAB	1	EX
24AF1000VS109	COMMUNICATION SKILLS	2	DD
24AF1000VSL108	WORKSHOP PRACTICES	2	BB
24AF1000VSL110	COMMUNICATION SKILLS LAB	1	AB
24AF1CHEBS102	ENGINEERING CHEMISTRY	3	DE
24AF1CHEBSL103	ENGINEERING CHEMISTRY LAB	1	EX
24AF1EMES104	ENGINEERING MECHANICS	3	BB
24AF1EMESL105	ENGINEERING MECHANICS LAB	1	EX

CURRENT SEMESTER PERFORMANCE			CUMMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
21	154	7.33	21	154	7.33



DATE : 08-07-2025
0000067281


CONTROLLER OF EXAMINATIONS

Sample Mark Sheets of B.Tech (UG) Second Semester

Sr. No.: 25-1769453



Dr. Babasaheb Ambedkar Technological University
LONERE - RAIGAD, MAHARASHTRA
(Established by Government of Maharashtra & Governed by Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014)

GRADE REPORT

EXAMINATION : SUMMER SEMESTER EXAMINATIONS 2025

FACULTY : ENGINEERING AND TECHNOLOGY

INSTITUTE NAME : M.S.BIDVE ENGINEERING COLLEGE, LATUR

PROGRAMME : BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING))

PRN : 24021291911002

STUDENT'S NAME : SANSKRUTI MADHUKAR AMBEKAR

SEMESTER : SECOND

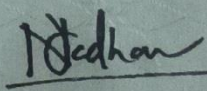
SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
24AF1000BS201	ENGINEERING MATHEMATICS – II	3	CC
24AF1000CC212A	INTEGRATED PERSONALITY DEVELOPMENT	2	BB
24AF1000ES206A	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	3	EE
24AF1000ES208	BASIC CIVIL AND MECHANICAL ENGINEERING	3	EE
24AF1000ESL207A	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB	1	AB
24AF1000KS210D	COURSE ON MATHEMATICAL AND COMPUTER LOGIC FOR NYAYA SASTRA STUDENTS	2	AB
24AF1000VS211	DESIGN THINKING	2	AA
24AF1EEEEES209	ENERGY AND ENVIRONMENTAL ENGINEERING		CC
24AF1EGES204	ENGINEERING GRAPHICS	2	CD
24AF1EGESL205	ENGINEERING GRAPHICS LAB	1	CC
24AF1PHYBS202	ENGINEERING PHYSICS	3	CC
24AF1PHYBSL203	ENGINEERING PHYSICS LAB	1	EX

CURRENT SEMESTER PERFORMANCE			CUMMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
23	162	7.02	44	316	7.17



DATE : 01-08-2025

0000157261


 CONTROLLER OF EXAMINATIONS

B.Tech. % of Marks, Letter Grade, Grade Points, Credits earned, Credit Points

% of Marks	Letter Grade	Grade Points
91-100	EX	10.0
86-90	AA	9.0
81-85	AB	8.5
76-80	BB	8.0
71-75	BC	7.5
66-70	CC	7.0
61-65	CD	6.5
56-60	DD	6.0
51-55	DE	5.5
40-50	EE	5.0
< 40	FF (Fail)	0.0

1st SEMESTER**Grade Points, Credit & Total Grade Points**

Subject Code	Grade	Grade Points	Credit Earned	Total Grade Points (Credit Point) = Grade Points x Credit
24AF1000BS101	CC	7.0	3	21
24AF1000CC111A	CC	7.0	2	14
24AF1000ES106A	DD	6.0	2	12
24AF1000ES107L	EX	10.0	1	10
24AF1000VS109	DD	6.0	2	12
24AF1000VS108L	BB	8.0	2	16
24AF1000VS110L	AB	8.5	1	8.5
24AF1CHEBS102	DE	5.5	3	16.5
24AF1CHEBS103L	EX	10.0	1	10
24AF1EMES104	BB	8.0	3	24
24AF1EMES105L	EX	10.0	1	10
TOTAL		86	21	154

Total Credit of 1st semester as per syllabus = 21

SGPA of 1st semester = Credit Point/Total Credit = 154/21 = 7.33

CGPA = $\sum$ SGPA of all semester / (No. of semesters completed) = 7.33/1 = 7.33

2nd SEMESTER**Grade Points, Credit & Total Grade Points**

Subject Code	Grade	Grade Points	Credit Earned	Total Grade Points (Credit Points) = Grade Points x Credit
24AF1000BS201	CC	7.0	3	21
24AF1000CC212A	BB	8.0	2	16
24AF1000ES206a	EE	5.0	3	15
24AF2MEES208	EE	5.0	3	15
24AF1000ES207L	AB	8.5	1	8.5
24AF1000IK210D	AB	8.5	2	17
24AF1000VS211	AA	9.0	2	18
24AF1EEEE209	CC	7.0	--	-- (AU-Audit subject)
24AF2EGRES204	CD	6.5	2	13
24AF2EGRES205L	CC	7.0	1	7
24AF2PHYBS202	CC	7.0	3	21
24AF2PHYBS203L	EX	10	1	10
TOTAL		88.5	23	161.5

Total Credit of 2nd semester = 23

SGPA of 1st semester = Credit Point/Total Credit = 161.5/23 = 7.021 $\approx$ 7.02

CGPA = ($\sum$ SGPA of all semester)/(No. of semesters completed) = (7.33+7.02)/2 = 14.35/2 = 7.175 $\approx$ 7.17

OR

Total credits of all the semester = 21 + 23 = 44

Total Credit Points of all semester = 154 + 161.5 = 315.5

CGPA = Total Credit Points of all semester / Total credits of all the semester = 315.5/44 = 7.17

Award of class based on 8th semester CGPA (for 8 semester B.Tech course) after successfully completion of all the 8 semesters

CGPA Range	Class to be Awarded
5.00 $\leq$ CGPA $\leq$ 5.50	Pass Class
5.50 $\leq$ CGPA $\leq$ 6.00	Second Class
6.00 $\leq$ CGPA $\leq$ 7.50	First Class
CGPA $\geq$ 7.50	Distinction

Sample Mark Sheets of M.Tech (PG) First Semester

Sr. No. : 1076466


Dr. Babasaheb Ambedkar Technological University
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SEMESTER GRADE REPORT



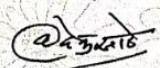
EXAMINATION : WINTER SEMESTER EXAMINATIONS 2021
FACULTY : ENGINEERING AND TECHNOLOGY
INSTITUTE NAME : M.S. BIDVE ENGINEERING COLLEGE, LATUR
PROGRAMME : MASTER OF TECHNOLOGY (STRUCTURAL ENGINEERING)
PRN : 2121292212004 **SEMESTER** : FIRST
STUDENT'S NAME : SHAIKH RAZAN GAIBEE

SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
BS101	COMMUNICATION SKILLS	2	EX
CVSE-L01	PG LAB-I	2	B
CVSE103	STRUCTURAL DYNAMICS	4	E
CVSE102	MATRIX METHODS OF STRUCTURAL ANALYSIS	4	B
CVSE101	THEORY OF ELASTICITY AND PLASTICITY	4	B
CVSE-E1B	NUMERICAL METHODS	3	D
CVSE-E2A	ADVANCED PRE-STRESSED CONCRETE	3	A

CURRENT SEMESTER PERFORMANCE			CUMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
22	165	7.50	22	165	7.50



17/11/2022
DATE :


CONTROLLER OF EXAMINATIONS

Sample Mark Sheets of M.Tech (PG) Second Semester

Sr. No.: 25-2283193


Dr. Babasaheb Ambedkar Technological University
LONERE - RAIGAD, MAHARASHTRA
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GRADE REPORT

EXAMINATION : SUPPLEMENTARY SUMMER SEMESTER EXAMINATIONS 2026
 FACULTY : ENGINEERING AND TECHNOLOGY
 INSTITUTE NAME : M.S. BIDVE ENGINEERING COLLEGE, LATUR
 PROGRAMME : MASTER OF TECHNOLOGY (STRUCTURAL ENGINEERING)
 PRN : 2121292212004 SEMESTER : SECOND
 STUDENT'S NAME : SHAIKH RAZAN GAIBEE

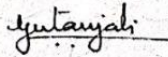
SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
CVSE201	THEORY OF PLATES AND SHELLS	4	E
CVSE202	FINITE ELEMENT ANALYSIS	4	E
CVSE-E3C	RETROFITTING OF STRUCTURES	3	E
CVSE-E4B	EARTHQUAKE ENGINEERING & DESIGN OF EARTHQUAKE RESISTANT STRUCTURES	3	E
CVSE-E5B	SOIL DYNAMICS & MACHINE FOUNDATIONS	3	E
CVSE-S01	SEMINAR-I	2	A
CVSE-L02	PG LAB-II OR MINI-PROJECT	2	EX



CURRENT SEMESTER PERFORMANCE			CUMMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
21	123	5.86	43	288	6.70

20/07/2026
 DATE :




 CONTROLLER OF EXAMINATIONS

M.Tech. % of Marks, Letter Grade, Grade Points, Credits earned, Credit Points

% of Marks	Letter Grade	Grade Points
91-100	EX/O	10
81-90	A	9
71-80	B	8
61-70	C	7
51-60	D	6
45-50	E	5
<40	FF	0.0

1st SEMESTER**Grade Points, Credit & Total Grade Points**

Subject Code	Grade	Grade Points	Credit Earned	Total Grade Points (Credit Point) = Grade Points x Credit
BS101	EX	10	2	20
CVSE-L01	B	8	2	16
CVSE103	E	5	4	20
CVSE102	B	8	4	32
CVSE101	B	8	4	32
CVSE-E1B	D	6	3	18
CVSE-E2A	A	9	3	27
TOTAL		54	22	165

Total Credit of 1st semester as per syllabus = 22

SGPA of 1st semester = Credit Point/Total Credit = 165/22 = 7.5

CGPA = $\sum$ SGPA of all semester/(No. of semesters completed) = 7.5/1 = 7.5

2nd SEMESTER**Grade Points, Credit & Total Grade Points**

Subject Code	Grade	Grade Points	Credit Earned	Total Grade Points (Credit Points) = Grade Points x Credit
CVSE-201	E	5	4	20
CVSE-202	E	5	4	20
CVSE-E3C	E	5	3	15
CVSE-E4B	E	5	3	15
CVSE-E5B	E	5	3	15
CVSE-S01	A	9	2	18
CVSE-L02	EX	10	2	20
TOTAL		44	21	123

Total Credit of 2nd semester = 21

SGPA of 2nd semester = Credit Point/Total Credit = 123/21 = 5.857 $\approx$ 5.86

CGPA = ($\sum$ SGPA of all semester)/(No. of semesters completed) = (7.5 + 5.86)/2 = 13.36/2 = 6.68 $\approx$ 6.70

OR

Total credits of all the semester = 22 + 21 = 43

Total Credit Points of all semester = 165 + 123 = 288

CGPA = Total Credit Points of all semester/ Total credits of all the semester = 288/43 = 6.697 $\approx$ 6.7

Award of class based on 4th semester CGPA (for 4 semester M.Tech course) after successfully completion of all the 4 semesters

CGPA Range	Class to be Awarded
$5.00 \leq \text{CGPA} \leq 5.50$	Pass Class
$5.50 \leq \text{CGPA} \leq 6.00$	Second Class
$6.00 \leq \text{CGPA} \leq 7.50$	First Class
$\text{CGPA} \geq 7.50$	Distinction

CGPA to % Conversion Formula
Percentage Marks = (CGPA)*10 %