

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

B.Tech Ist Year
(Common to All Branches)

Effective from the Session: 2026-27

Affiliated With



Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY UTTAR PRADESH

Sec-11, Jankipuram Vistar, Lucknow - 226031, Uttar Pradesh, India

B.Tech. First Year, Semester-I

(Common for all branches except Biotechnology)

3-WEEKS STUDENT INDUCTION PROGRAMME (In the beginning of the session)													
								Evaluation Scheme					
S. No.	Subject Code	Subject Name	Type	Category	Period			MID Term Examination			End Semester Examination (ESE)	Total	Credit
					L	T	P	CT	TA	CT+TA/PS	TE/PE	MTE+ESE	Cr
1	M26AS101/ M26AS102	Engineering Physics/ Environmental Chemistry	T	BSC	3	0	0	20	10	30	70	100	3
2	M26AS103	Mathematics - I	T	BSC	3	1	0	20	10	30	70	100	4
3	M26EE101/ M26EC101	Fundamentals of Electrical Engineering/ Fundamentals of Electronics Engineering	T	ESC	3	0	0	20	10	30	70	100	3
4	M26AS104/ M26ME101	Biology for Engineers / Fundamentals of Mechanical Engineering	T	BSC / ESC	3	0	0	20	10	30	70	100	3
5	M26CS102 or M26CS103/ M26CS101	Programming for Problem Solving Using C or Python/ Essentials of AI	T	ESC	1	0	4	*50	20	70	*30	100	3
6	M26AS151/ M26AS152	Engineering Physics Lab/ Environmental Chemistry Lab	P	BSC	0	0	2			50	50	100	1
7	M26AE151	Soft- Skill -I	P	AEC	0	0	2			100	-	100	1
8	M26EE151/ M26EC151	Electrical Engineering Lab/ Electronics Engineering Lab	P	ESC	0	0	2			50	50	100	1
9	M26SE152/ M26SE151	Computer Aided Drawing (CAD) Lab/ Workshop Practices	P	ESC	0	0	2			50	50	100	1
10	M26SE154/ M26SE153	Design Thinking & Product Innovation Workshop/ MATLAB Programming & Applications Workshop**	P	SEC	0	0	2(CC)						1
					13	1	14						21

Abbreviation Used:

BSC: Basic Science Course	TA: Teacher's Assessment
ESC: Engineering Science Course	CT: Class Test
SEC: Skill Enhancement Course	PS: Practical Sessional
AEC: Ability Enhancement Course	TE: Theory External
(CC) Certification Course	PE: Practical External
* Through Coding Platform	MTE: Mid Term Examination
** From Idea Lab/From MATLAB	ESE: End Semester Examination

B.Tech. First Year, Semester-I

(Biotechnology)

3-WEEKS STUDENT INDUCTION PROGRAMME (In the beginning of the session)													
S. No.	Subject Code	Subject Name	Type	Category	Period			MID Term Examination			Evaluation Scheme		Credit
											End Semester Examination (ESE)	Total	
					L	T	P	CT	TA	CT+TA/PS	TE/PE	MTE+ESE	Cr
1	M26AS101/ M26AS102	Engineering Physics/ Environmental Chemistry	T	BSC	3	0	0	20	10	30	70	100	3
2	M26BT101/ M26BT102	Elementary Mathematics-I/ Remedial Biology-I	T	BSC	3	1	0	20	10	30	70	100	4
3	M26EE101/ M26EC101	Fundamentals of Electrical Engineering/ Fundamentals of Electronics Engineering	T	ESC	3	0	0	20	10	30	70	100	3
4	M26AS104/ M26ME101	Biology for Engineers / Fundamentals of Mechanical Engineering	T	BSC / ESC	3	0	0	20	10	30	70	100	3
5	M26CS102 or M26CS103/ M26CS101	Programming for Problem Solving Using C or Python/ Essentials of AI	T	ESC	1	0	4	*50	20	70	*30	100	3
6	M26AS151/ M26AS152	Engineering Physics Lab/ Environmental Chemistry Lab	P	BSC	0	0	2			50	50	100	1
7	M26AE151	Soft- Skill -I	P	AEC	0	0	2			100	-	100	1
8	M26EE151/ M26EC151	Electrical Engineering Lab/ Electronics Engineering Lab	P	ESC	0	0	2			50	50	100	1
9	M26SE152/ M26SE151	Computer Aided Drawing (CAD) Lab/ Workshop Practices	P	ESC	0	0	2			50	50	100	1
10	M26SE154/ M26SE153	Design Thinking & Product Innovation Workshop/ MATLAB Programming & Applications Workshop**	P	SEC	0	0	2(CC)						1
					13	1	14						21

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**From Idea Lab/From MATLAB	ESE: End Semester Examination

B.Tech. First Year, Semester-II
(Common for all branches except Biotechnology)

								Evaluation Scheme					
S. No.	Subject Code	Subject Name	Type	Category	Period			MID Term Examination			End Semester Examination (ESE)	Total	Credit
					L	T	P	CT	TA	CT+TA	TE/PE	MTE+ESE	Cr
1	M26AS202/ M26AS201	Environmental Chemistry/ Engineering Physics	T	BSC	3	0	0	20	10	30	70	100	3
2	M26AS203	Mathematics – II	T	BSC	3	1	0	20	10	30	70	100	4
3	M26EC201/ M26EE201	Fundamentals of Electronics Engineering/ Fundamentals of Electrical Engineering	T	ESC	3	0	0	20	10	30	70	100	3
4	M26ME201/ M26AS204	Fundamentals of Mechanical Engineering/ Biology for Engineers	T	ESC/ BSC	3	0	0	20	10	30	70	100	3
5	M26CS201/ M26CS202 or M26CS203	Essentials of AI/ Programming for Problem Solving Using C or Python/	T	ESC	1	0	4	#50	20	70	#30	100	3
6	M26AS252/ M26AS251	Environmental Chemistry Lab/Engineering Physics Lab	P	BSC	0	0	2	30	20	50	50	100	1
7	M26AE251	Soft- Skill -II	P	AEC	0	0	2	70	30	100	-	100	1
8	M26EC251/ M26EE251	Electronics Engineering Lab/ Electrical Engineering Lab	P	ESC	0	0	2	30	20	50	50	100	1
9	M26SE251/ M26SE252	Workshop Practices / Computer Aided Drawing (CAD) Lab	P	ESC	0	0	2	30	20	50	50	100	1
10	M26SE253/ M26SE254	MATLAB Programming & Applications Workshop/ Design Thinking & Product Innovation Workshop**	P	AEC	0	0	2(CC)						1
					13	1	14						21

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B.Tech. First Year, Semester-II (Biotechnology)

								Evaluation Scheme					
S. No.	Subject Code	Subject Name	Type	Category	Period			MID Term Examination			End Semester Examination (ESE)	Total	Credit
					L	T	P	CT	TA	CT+TA	TE/PE	MTE+ESE	Cr
1	M26AS202/ M26AS201	Environmental Chemistry/ Engineering Physics	T	BSC	3	0	0	20	10	30	70	100	3
2	M26BT201/ M26BT202	Elementary Mathematics-II/ Remedial Biology-II	T	BSC	3	1	0	20	10	30	70	100	4
3	M26EC201/ M26EE201	Fundamentals of Electronics Engineering/ Fundamentals of Electrical Engineering	T	ESC	3	0	0	20	10	30	70	100	3
4	M26ME201/ M26AS204	Fundamentals of Mechanical Engineering/ Biology for Engineers	T	ESC/ BSC	3	0	0	20	10	30	70	100	3
5	M26CS201/ M26CS202 or M26CS203	Essentials of AI/ Programming for Problem Solving Using C or Python/	T	ESC	1	0	4	#50	20	70	#30	100	3
6	M26AS252/ M26AS251	Environmental Chemistry Lab/Engineering Physics Lab	P	BSC	0	0	2	30	20	50	50	100	1
7	M26AE251	Soft- Skill -II	P	AEC	0	0	2	70	30	100	-	100	1
8	M26EC251/ M26EE251	Electronics Engineering Lab/ Electrical Engineering Lab	P	ESC	0	0	2	30	20	50	50	100	1
9	M26SE251/ M26SE252	Workshop Practices / Computer Aided Drawing (CAD) Lab	P	ESC	0	0	2	30	20	50	50	100	1
10	M26SE253/ M26SE254	MATLAB Programming & Applications Workshop/ Design Thinking & Product Innovation Workshop**	P	AEC	0	0	2(CC)						1
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