

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY (A)

In line with AICTE Model Curriculum with effect from AY 2025-26

B.E. Civil Engineering Department (Civil)

SEMESTER-1			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25 MC101PO	Indian Constitution	2	-	-	2	50	-	-	0
2	25BS101MT	Matrices & Differential Calculus	3	1	-	4	40	60	3	4
3	25BS102PH	Engineering Physics	3	1	-	4	40	60	3	4
4	25ES101CS	Programming for Problem Solving	3	-	-	3	40	60	3	3
5	25ES102EE	Basic Electrical Engineering	3	1	-	4	40	60	3	4
6	25BS151PH	Engineering Physics Lab	-	-	2	2	25	50	3	1
7	25ES151CS	Programming for Problem Solving Lab	-	-	2	2	25	50	3	1
8	25ES152CE	Engineering Graphics	-	-	2x2	4	25	50	3	2
9	25ES153EE	Basic Electrical Engineering Lab	-	-	2	2	25	50	3	1
Total			14	3	10	27	310	440	24	20

SEMESTER-2			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC102CE	Environmental Sciences	2	-	-	2	50	-	-	0
2	*25MC103PY	Essence of Indian Traditional Knowledge	2	-	-	2	50	-	-	0
3	25HS101EG	English	2	-	-	2	40	60	3	2
4	25BS103MT	Differential Equations & Numerical Methods	3	1	-	4	40	60	3	4
5	25BS104CH	Engineering Chemistry	3	1	-	4	40	60	3	4
6	25ES105CE	Engineering Mechanics	3	-	-	3	40	60	3	3
7	25HS151EG	English Lab	-	-	2	2	25	50	3	1
8	25BS152CH	Engineering Chemistry Lab	-	-	2	2	25	50	3	1
9	25ES154ME	Engineering Workshop Practice	-	-	2x2	4	25	50	3	2
10	25PC154CE	Basics of Building Drawing Lab	-	-	2	2	50	-	-	1
Total			15	2	10	27	385	390	21	18

MC: Mandatory Course BS: Basic Science ES: Engineering Science

CIE: Continuous Internal Evaluation SEE: Semester End Evaluation

*GRADE: Satisfactory/Unsatisfactory(Non-credit Mandatory Course)

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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY (A)

In line with AICTE Model Curriculum with effect from AY 2025-26

B.E. Computer Science Engineering (AI, DS & AIML)

SEMESTER-1			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC101PO	Indian Constitution	2	-	-	2	50	-	-	0
2	25BS101MT	Matrices & Differential Calculus	3	1	-	4	40	60	3	4
3	25BS102PH	Engineering Physics	3	1	-	4	40	60	3	4
4	25ES101CS	Programming for Problem Solving	3	-	-	3	40	60	3	3
5	25ES102EE	Basic Electrical Engineering	3	1	-	4	40	60	3	4
6	25BS151PH	Engineering Physics Lab	-	-	2	2	25	50	3	1
7	25ES151CS	Programming for Problem Solving Lab	-	-	2	2	25	50	3	1
8	25ES152CE	Engineering Graphics	-	-	2x2	4	25	50	3	2
9	25ES153EE	Basic Electrical Engineering Lab	-	-	2	2	25	50	3	1
Total			14	3	10	27	310	440	24	20

SEMESTER-2			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC102CE	Environmental Sciences	2	-	-	2	50	-	-	0
2	*25MC103PY	Essence of Indian Traditional Knowledge	2	-	-	2	50	-	-	0
3	25HS101EG	English	2	-	-	2	40	60	3	2
4	25BS103MT	Differential Equations & Numerical Methods	3	1	-	4	40	60	3	4
5	25BS104CH	Engineering Chemistry	3	1	-	4	40	60	3	4
6	25ES105CS	Scientific Programming	3	-	-	3	40	60	3	3
7	25HS151EG	English Lab	-	-	2	2	25	50	3	1
8	25BS152CH	Engineering Chemistry Lab	-	-	2	2	25	50	3	1
9	25ES154ME	Engineering Workshop Practice	-	-	2x2	4	25	50	3	2
10	25ES155CS	Scientific Programming Lab	-	-	2	2	25	50	3	1
Total			15	2	10	27	360	440	24	18

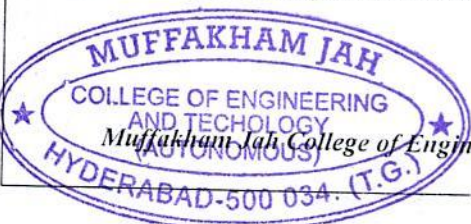
MC: Mandatory Course BS: Basic Science ES: Engineering Science

CIE: Continuous Internal Evaluation SEE: Semester End Evaluation

*GRADE: Satisfactory/Unsatisfactory(Non-credit Mandatory Course)

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For the Academic year 2025-26

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY (A)

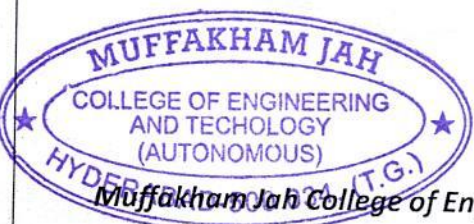
In line with AICTE Model Curriculum with effect from AY 2025-26

B.E. Computer Science Engineering (CSE)

SEMESTER-1			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC102CE	Environmental Sciences	2	-	-	2	50	-	-	0
2	*25MC103PY	Essence of Indian Traditional Knowledge	2	-	-	2	50	-	-	0
3	25HS101EG	English	2	-	-	2	40	60	3	2
4	25BS101MT	Matrices & Differential Calculus	3	1	-	4	40	60	3	4
5	25BS104CH	Engineering Chemistry	3	1	-	4	40	60	3	4
6	25ES101CS	Programming for Problem Solving	3	-	-	3	40	60	3	3
7	25HS151EG	English Lab	-	-	2	2	25	50	3	1
8	25BS152CH	Engineering Chemistry Lab	-	-	2	2	25	50	3	1
9	25ES154ME	Engineering Workshop Practice	-	-	2x2	4	25	50	3	2
10	25ES151CS	Programming for Problem Solving Lab	-	-	2	2	25	50	3	1
Total			15	2	10	27	360	440	24	18

SEMESTER-2			Scheme of Instruction				Scheme of Examination			Credits
1	*25 MC101PO	Indian Constitution	2	-	-	2	50	-	-	
2	25ES102EE	Basic Electrical Engineering	3	1	-	4	40	60	3	4
3	25BS102PH	Engineering Physics	3	1	-	4	40	60	3	4
4	25BS103MT	Differential Equations & Numerical Methods	3	1	-	4	40	60	3	4
5	25ES105CS	Scientific Programming	3	-	-	3	40	60	3	3
6	25BS151PH	Engineering Physics Lab	-	-	2	2	25	50	3	1
7	25ES152CE	Engineering Graphics	-	-	2x2	4	25	50	3	2
8	25ES153EE	Basic Electrical Engineering Lab	-	-	2	2	25	50	3	1
9	25ES155CS	Scientific Programming Lab	-	-	2	2	25	50	3	1
Total			14	3	10	27	310	440	24	20

MC: Mandatory Course BS: Basic Science ES: Engineering Science
 HS: Humanities & Social Sciences D: Drawing CIE: Continuous Internal Evaluation SEE: Semester
 End Evaluation *GRADE: Satisfactory/Unsatisfactory (Non-credit Mandatory Course)



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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY (A)

In line with AICTE Model Curriculum with effect from AY 2025-26

B.E. Electronic and Communication Engineering (ECE)

SEMESTER-1			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC101PO	Indian Constitution	2	-	-	2	50	-	-	0
2	25BS101MT	Matrices & Differential Calculus	3	1	-	4	40	60	3	4
3	25BS102PH	Engineering Physics	3	1	-	4	40	60	3	4
4	25ES101CS	Programming for Problem Solving	3	-	-	3	40	60	3	3
5	25ES102EE	Basic Electrical Engineering	3	1	-	4	40	60	3	4
6	25BS151PH	Engineering Physics Lab	-	-	2	2	25	50	3	1
7	25ES151CS	Programming for Problem Solving Lab	-	-	2	2	25	50	3	1
8	25ES152CE	Engineering Graphics	-	-	2x2	4	25	50	3	2
9	25ES153EE	Basic Electrical Engineering Lab	-	-	2	2	25	50	3	1
Total			14	3	10	27	310	440	24	20

SEMESTER-2			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC102CE	Environmental Sciences	2	-	-	2	50	-	-	0
2	*25MC103	Essence of Indian Traditional Knowledge	2	-	-	2	50	-	-	0
3	25HS101EG	English	2	-	-	2	40	60	3	2
4	25BS103MT	Differential Equations & Numerical Methods	3	1	-	4	40	60	3	4
5	25BS104CH	Engineering Chemistry	3	1	-	4	40	60	3	4
6	25ES105EC	Electronic Devices	3	-	-	3	40	60	3	3
7	25HS151EG	English Lab	-	-	2	2	25	50	3	1
8	25BS152CH	Engineering Chemistry Lab	-	-	2	2	25	50	3	1
9	25ES154ME	Engineering Workshop Practice	-	-	2x2	4	25	50	3	2
10	25ES155EC	Electronic Devices Lab	-	-	2	2	25	50	3	1
Total			15	2	10	27	360	440	24	18

MC: Mandatory Course BS: Basic Science

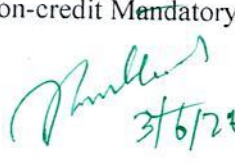

ES: Engineering Science

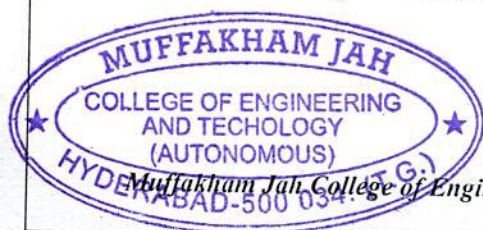
CIE: Continuous Internal Evaluation

SEE: Semester End Evaluation

*GRADE: Satisfactory/Unsatisfactory (Non-credit Mandatory Course)

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For the Academic year 2025-26

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY (A)

In line with AICTE Model Curriculum with effect from AY 2025-26

B.E. Mechanical Engineering Department (Mech)

SEMESTER-1			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25 MC101PO	Indian Constitution	2	-	-	2	50	-	-	0
2	25BS101MT	Matrices & Differential Calculus	3	1	-	4	40	60	3	4
3	25BS102PH	Engineering Physics	3	1	-	4	40	60	3	4
4	25ES101CS	Programming for Problem Solving	3	-	-	3	40	60	3	3
5	25ES102EE	Basic Electrical Engineering	3	1	-	4	40	60	3	4
6	25BS151PH	Engineering Physics Lab	-	-	2	2	25	50	3	1
7	25ES151CS	Programming for Problem Solving Lab	-	-	2	2	25	50	3	1
8	25ES152CE	Engineering Graphics	-	-	2x2	4	25	50	3	2
9	25ES153EE	Basic Electrical Engineering Lab	-	-	2	2	25	50	3	1
Total			14	3	10	27	310	440	24	20

SEMESTER-2			Scheme of Instruction				Scheme of Examination			Credits
S. No	Course Code	Name of the Course	Lecture	Tutorial	Practical	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
1	*25MC102CE	Environmental Sciences	2	-	-	2	50	-	-	0
2	*25MC103PY	Essence of Indian Traditional Knowledge	2	-	-	2	50	-	-	0
3	25HS101EG	English	2	-	-	2	40	60	3	2
4	25BS103MT	Differential Equations & Numerical Methods	3	1	-	4	40	60	3	4
5	25BS104CH	Engineering Chemistry	3	1	-	4	40	60	3	4
6	25ES105ME	Engineering Mechanics	3	-	-	3	40	60	3	3
7	25HS151EG	English Lab	-	-	2	2	25	50	3	1
8	25BS152CH	Engineering Chemistry Lab	-	-	2	2	25	50	3	1
9	25ES154ME	Engineering Workshop Practice	-	-	2x2	4	25	50	3	2
10	25PC155ME	Skill Development Course-I (Concepts of Machine Drawing)	-	-	3	3	50	-	-	1
Total			15	2	11	28	385	390	21	18

MC: Mandatory Course BS: Basic Science

ES: Engineering Science

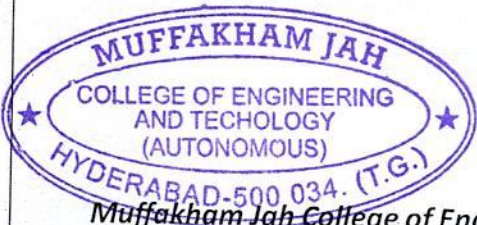
CIE: Continuous Internal Evaluation SEE: Semester End Evaluation

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Muffakham Jah College of Engineering & Technology

Common to all Branches