

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: Computer Sc. & Engg/C.S.I.T/Computer Engg. Application/ Computer Engineering/CS&IS/AI&ML/CE&IOT												
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamentals of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/CS	CSE201	Python Programming	3	-	-		3	100	40	30	70
Total								12	400	-	-	-
PRACTICAL COURSES												
5	ES/CS	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20
6	BS/EE	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	ES/CS	CSE201P	Python Programming Lab	-	-	3		1.5	50	25	30	20
8	BS/ES/CS	AE201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
Total						12		6	200	-	-	-
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	-
Grand Total				15	0	12	6	20	750	--	--	--

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: Civil Engineering /Architecture Assistantship/Interior Design												
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill Lab	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/CE	CIV201	Construction Materials	3	-	-		3	100	40	30	70
Total				12	-	-		12	400	-	--	--
PRACTICAL COURSES												
5	ES/CE	SEC201P	Project Management Skill	-	-	3	-	1.5	50	25	30	20
6	BS/EE	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
8	ES/CE	CIV202P	Civil Engineering Graphics	-	-	3		1.5	50	25	30	20
Total						12		6	200	--	--	--
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2		--	1/0	--
Grand Total				15	0	12	6	20	750	--	--	--

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ote-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology													
Course Structure													
Session-2023-24													
Diploma (Second Semester)													
Branch: Electrical Engineering/EEE													
Sl. No	Course Category/ Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)	
				Hours Per Week									
THEORY COURSES													
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70	
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70	
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70	
4	ES/EE	EEE201	Transformer & Alternators	3	-	-		3	100	40	30	70	
Total				12	-	-		12	400	--	--	--	
PRACTICAL COURSES													
5	ES/EE	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20	
6	BS/EE	BSC201P	Fundamental Electrical & Electronic Engg. Lab .	-	-	3		1.5	50	25	30	20	
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20	
8	ES/EE	EEE202P	Residential Electrical Wiring Practice	-	-	3		1.5	50	25	30	20	
Total						12		6	200	--	--	--	
AUDIT COURSES													
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70	
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20	
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.					
INTERNSHIP													
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--	
Grand Total				15	0	12	6	20	750	--	--	--	

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: Electronics & Communication Engineering												
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External(SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/EC	ECE201	Digital Electronics	3	-	-		3	100	40	30	70
Total				12	-	-		12	400	--	--	--
PRACTICAL COURSES												
5	ES/EC	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20
6	BS/EE	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
8	ES/EE	EEE202P	Residential Electrical Wiring Practice	-	-	3		1.5	50	25	30	20
Total						12		6	200	-	--	--
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yogaand Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--
Grand Total				15	0	12	6	20	750	--	--	--

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: Automobile Engg./Mechanical Engg./Metallurgical Engg./ Mechanical Engineering (Automobile)												
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External(SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/ME	MET201	Materials for Engg.	3	-	-		3	100	40	30	70
Total				12	-	-		12	400	--	--	--
PRACTICAL COURSES												
5	ES/ME	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20
6	BS/ES	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
8	ES/ME/CE	MEC201P	Advance Computer Aided Engineering Drawing	-	-	3		1.5	50	25	30	20
Total						12		6	200	--	--	--
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yogaand Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--
Grand Total				15	0	12	6	20	750	--	--	--

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: EV-Technology												
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/EE	EEE203	Basic of Electrical Power System	3	-	-		3	100	40	30	70
Total				12	-	-		12	400	--	--	--
PRACTICAL COURSES												
5	ES/EE	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20
6	BS/ES	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
8	ES/EE	EEE202P	Residential Electrical Wiring Practice	-	-	3		1.5	50	25	30	20
Total						12		6	200	--	--	--
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--
Grand Total				15	0	12	6	20	750	--	--	--

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology												
Course Structure												
Session-2023-24												
Diploma (Second Semester)												
Branch: Cloud Computing & Big Data												
Sl. No	Course Category/ Teaching Dept.	Course Code	Course Title	L	T	P	J	Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)
				Hours Per Week								
THEORY COURSES												
1	ES	SEC201	Project Management Skill	3	-	-	6	3	100	40	30	70
2	BS	AEC201	Statistic and Analytics	3	-	-		3	100	40	30	70
3	BS/ES	BSC201	Fundamental of Electrical & Electronic Engg.	3	-	-		3	100	40	30	70
4	ES/CS	CCB201	Multimedia Animation	3	-	-		3	100	40	30	70
Total				12	-	-		12	400	--	--	--
PRACTICAL COURSES												
5	ES/CS	SEC201P	Project Management Skill Lab	-	-	3	-	1.5	50	25	30	20
6	BS/EE	BSC201P	Fundamental Electrical & Electronic Engg. Lab	-	-	3		1.5	50	25	30	20
7	BS/ES/CS	AEC201P	Statistic and Analytics Lab with using Excel/Python	-	-	3		1.5	50	25	30	20
8	ES/CS	CCB201P	Multimedia Animation Lab	-	-	3		1.5	50	25	30	20
Total						12		6	200	--	--	--
AUDIT COURSES												
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.				
INTERNSHIP												
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--
Grand Total				15	0	12	6	20	750	--	300	--

Note-

L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.

Jharkhand University of Technology													
Course Structure													
Session-2023-24													
Diploma (Second Semester)													
Branch: Dress Designing & Garment Manufacturing													
Sl. No	Course Category/Teaching Dept.	Course Code	Course Title	L	T	P	J	C r	FM	OverallPass Marks	Internal(CIE)	External (SEE)	
				Hours Per Week									
THEORY COURSES													
1	ES	DDG201	Fundamental of Fashion Drawing	3	-	-	6	3	100	40	30	70	
2	ES	DDG202	Introduction to Sewing Techniques	1	-	-		1	50	20	15	35	
3	ES	DDG203	Elements of Garment Construction	3	-	-		3	100	40	30	70	
4	BS/ES	DDG204	Fundamental of textile	3	-	-		3	100	40	30	70	
5	ES	DDG205	Regional Embroidery	3	-	-		3	100	40	30	70	
Total				13	-	-	13	450	--	--	--	--	
PRACTICAL COURSES													
5	ES	DDG201P	Fundamental of Fashion Drawing	-	-	3	-	1.5	50	25	30	20	
6	ES	DDG202P	Introduction to Sewing Techniques	-	-	3		1.5	50	25	30	20	
7	ES	DDG203P	Elements of Garment Construction	-	-	4		2	50	25	30	20	
8	ES	DDG205P	Regional Embroidery	-	-	4		2	50	25	30	20	
Total						14		7	200	--	--	--	--
AUDIT COURSES													
9	AU/SC	AUC201	Environment Sustainability	3	-	-	-	0	100	40	30	70	
10	AU/PA	AUC202P	NSS/NCC/Creative Arts/Yoga and Meditation/Music/ Dance	6				0	50	25	30	20	
								Student shall participate actively in any one of the activities and for award of Diploma "Participation Certificate" in activity will be mandatory. Student participation shall be monitored & participation record shall be maintained at institute level.					
INTERNSHIP													
11	INT	INT201P	Summer Internship	6 to 8 Weeks				2	--	--	1/0	--	
Grand Total				16	0	14	6	22	800	--	--	--	

Note-L-Lecture, T-Theory, P-Practical, ES- Engineering Science, BS- Basic Science, SC-Science, AU- Audit Course, PA- Physical Activity, INT- Internship (Completion of internship will be marked as-1; Non-completion of internship will be marked as-0 by the institution; The submitted write up & presentation record shall be kept safely by the institution), CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.