Jharkhand University of Technology, Ranchi
Diploma (Computer Science Engineering)

IIIrd Semester

S.No.	Course Code	Course Title	Hours per week				Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)	Categorization
			L	T	P	J						
01	CSE301	Python Programming	3	1	0		4	100	40	30	70	CSE
02	CSE302	Computer Hardware Maintenance and Administration	3	1	0		4	100	40	30	70	CSE
03	CSE303	Computer Networks	3	1	0		4	100	40	30	70	CSE
04	CSE304	Database System Concepts and PL/SQL	3	1	0		4	100	40	30	70	CSE
		Total	**12**	**4**	**0**		**16**	**400**	**--**	**--**	**--**	**--**
	Practical		L	T	P		Cr	FM	Overall Pass Marks	Internal	External	Categorization
05	CSE301	Python Programming	0	0	4		2	50	25	30	20	CSE
06	CSE302	Computer Hardware Maintenance and Administration	0	0	4		2	50	25	30	20	CSE
07	CSE303	Computer Networks	0	0	4	6	2	50	25	30	20	CSE
08	CSE304	Database System Concepts and PL/SQL	0	0	4		2	50	25	30	20	CSE
		Total	**0**	**0**	**16**		**8**	**200**	**--**	**--**	**--**	**--**
	Audit Course		L	T	P		Cr	FM	Overall Pass Marks	Internal	External	Categorization
09	AUC301	Professional Skills	3	0	0		Passing in Audit Course shall be mandatory.					
10	AUC302P	Sports/NCC/NSS/YOGA/Painting/ Music/Classical Dance		6			Student shall participate actively in one of the activities and for Passing of the semester "Participation Certificate" in activity will be mandatory. Student participation shall be monitored and participation record shall be maintained at institute level.					
		Total	**3**	**0**	**0**		**--**	**--**	**--**	**--**	**--**	**--**
		Grand Total	**15**	**4**	**16**	**6**	**24**	**600**	**--**	**--**	**--**	**--**

*CSE: Computer Science Engineering: - AUC- Audit Course; L: Lecture, T: Tutorial, P: Practice.

J- Self learning hours shall not be reflected in the Time table. Self-learning includes micro project/ assignment/ other activities as mentioned in earlier semester.

Jharkhand University of Technology, Ranchi
Diploma (Computer Science Engineering)

IVth Semester

S.No.	Course Code	Course Title	Hours per week				Cr	FM	Overall Pass Marks	Internal (CIE)	External (SEE)	Categorization
			L	T	P	J						
01	CSE401	Data structures with Python	3	1	0		4	100	40	30	70	CSE
02	CSE402	Operating System and Administration	3	1	0		4	100	40	30	70	CSE
03	CSE403	Object Oriented Programming and Design with Java	3	1	0		4	100	40	30	70	CSE
04	CSE404	Software Engineering principles and practices	3	1	0		4	100	40	30	70	CSE
	Total		**12**	**4**	**0**		**16**	**400**	**--**	**--**	**--**	**--**
	Practical		**L**	**T**	**P**		**Cr**	**FM**		**Internal**	**External**	**Categorization**
05	CSE401P	Data structures with Python	0	0	4		2	50	25	30	20	CSE
06	CSE402P	Operating System and Administration	0	0	4		2	50	25	30	20	CSE
07	CSE403P	Object Oriented Programmingand Design with Java	0	0	4	6	2	50	25	30	20	CSE
08	CSE404P	Software Engineering principles and practices	0	0	4		2	50	25	30	20	CSE
	Total		**-**	**-**	**16**		**8**	**200**	**--**	**--**	**--**	**--**
	Audit Course		**L**	**T**	**P**		**Cr**	**FM**		**Internal**	**External**	**Categorization**
09	AUC401	Mastering Personal Finance (Basic to Advance Strategies)	0	-	3		Passing in Audit Course shall be mandatory.					
10	AUC402P	Sports/NCC/NSS/YOGA/Painting/Music/ Classical Dance	6				Student shall participate actively in one of the activities and for Passing of the semester "Participation Certificate" in activity will be mandatory. Student participation shall be monitored and participation record shall be maintained at institute level.					
11	INT401P	Summer Internship	6-8 Weeks				2	--	--	1/0	--	INT
	Total		**-**	**-**	**-**		**2**	**--**	**--**	**--**	**--**	**--**
	Grand Total		**12**	**4**	**23**	**6**	**26**	**600**	**--**	**--**	**--**	**--**

Note-

1. **CSE- Computer Science Engineering; AUC- Audit Course; L: Lecture, T: Tutorial, P: Practice, CIE- Continuous Internal Evaluation, SEE- Semester End Evaluation.**
2. **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).**
3. **J- Self learning hours shall not be reflected in the Time table. Self-learning includes Micro project/ assignment/ other activities as mentioned in earlier semester.**