Jharkhand University of Technology, Ranchi
Bachelor of Computer Applications (BCA)

Semester-I

S.No.	Course Code	Course Title	Hours per week				Cr	FM	Overall Pass Marks	Internal	External		Categorization
			L	T	P	J					FM	PM	
01	BSC101	Professional English	3	0	0		3	100	35	30	70	21	BSC
02	BSC102	Foundational Mathematics	3	0	0		3	100	35	30	70	21	BSC
03	BCA101	Statistics-I for BCA	3	0	0		3	100	35	.30	70	21	BCA
04	BCA102	Digital Computer Fundamentals	4	0	0		4	100	35	30	70	21	BCA
05	BCA103	Introduction to Programming Using C	4	0	0		4	100	35	30	70	21	BCA
		Total	**17**	**0**	**0**		**17**	**500**	--	--	--		--

		Practical	L	T	P		Cr	FM	Overall Pass Marks	Internal	External	Categorization
06	BCA102P	Digital Computer Fundamentals Lab	0	0	2		1	50	25	30	10	BCA
07	BCA103P	Python Programming	0	0	4		2	50	25	30	10	BCA
08	BCA104P	C Programming Lab	0	0	4	6	2	50	25	30	10	BCA
		Total	**0**	**0**	**10**		**5**	**150**	--	--	--	--

		Audit Course	L	T	P		Cr	FM	Overall Pass Marks	Internal	External		Categorization
											FM	PM	
09	AUC101	Holistic Education	3	0	0		--	100	35	30	70	21	AUC
10	AUC102P	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**		--	100	--	--	--	--	--
		Grand Total	**20**	**0**	**10**	**6**	**22**	**750**	--	--	--	--	--

*BSC: Basic Science, BCA- Bachelor of Computer Applications, 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.

Semester-II

S.No.	Course Code	Course Title	Hours per week				Cr	FM	Overall Pass Marks	Internal	External		Categorization
			L	T	P	J					FM	PM	
01	BSC201	Communicative English	3	0	0		3	100	35	30	70	21	BSC
02	BSC202	Basic Discrete Mathematics	3	0	0		3	100	35	30	70	21	BSC
03	BCA201	Statistics-II for BCA	3	0	0		3	100	35	.30	70	21	BCA
04	BCA202	Operating Systems	4	0	0		4	100	35	30	70	21	BCA
05	BCA203	Data Structures	4	0	0		4	100	35	30	70	21	BCA
Total			**17**	**6**	**0**		**17**	**500**	--	--	--		

Practical			L	T	P		Cr	FM	Overall Pass Marks	Internal	External		Categorization
06	BCA201P	Statistics Tools Lab	0	0	4		2	50	25	30	10		BCA
07	BCA202P	Operating System Lab	0	0	4	6	2	50	25	30	10		BCA
08	BCA203P	Data Structures Lab	0	0	2		1	50	25	30	10		BCA
Total			**0**	**0**	**10**		**5**	**150**	--	---	--		--

Audit Course			L	T	P		Cr	FM	Overall Pass Marks	Internal	External		Categorization
											FM	PM	
11	AUC201	Holistic Education	3	0	0		--	100	35	30	70	21	AUC
12	AUC202P	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**		**--**	**100**	--	--	--		--
Grand Total			**20**	**0**	**10**	**6**	**22**	**750**	--	--	--		--

*BSC: Basic Science, BCA- Bachelor of Computer Applications, 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.