M. Sc. Neuroscience with Cognition Computing

SEMESTER WISE COURSE STRUCTURE

SEMESTER I						
S. No.	Course Type	Course Name	L	T	P	Credits
1	Theory	Research Methodology and Biostatistics	3	0	0	3
2	Integrated	Cell Biology	3	0	1	4
3	Integrated	Molecular Biology	3	0	1	4
4	Integrated	Introduction to Python Programming	3	0	2	5
5	Theory	Cognitive and Behavioral Neuroscience	3	0	0	3
6	Theory	Indian Knowledge System	3	0	0	3
		Total	18	0	4	22
SEMESTER II						
1	Integrated	Neurochemistry	3	0	1	4
2	Theory	Clinical Neuroscience	3	0	0	3
3	Integrated	Bioethics and Biosafety	3	0	0	3
4	Integrated	Introduction to Machine Learning	3	0	2	5
5	Theory	Neuroinformatics	3	0	0	3
6	Practical	Practical: Neuroscience Techniques	0	0	2	2
7	Integrated	Neuroanatomy and Neurophysiology	3	0	1	4
		Total	18	0	6	24
SEMESTER III						
S. No.	Course Type	Course Name	L	T	P	Credits
1	Theory	Neuroimaging	3	0	0	3
2	Theory	Neurogenetics	3	0	0	3
3	Theory	Computational Biology	3	0	1	4

4	practical	Use cases in Cognitive Computing	0	0	2	2
5	Theory	Neural Network	3	0	0	3
6	Theory	Artificial intelligence in neural science	3	0	0	3
7	Theory	Stem Cells in Neuro regeneration	3	0	0	3
		TOTAL	**18**	**0**	**3**	**21**
		SEMESTER IV				
S. No.	**Course Type**	**Course Name**	**L**	**T**	**P**	**Credits**
1.	Practical	Dissertation & Viva	0	0	**13**	**13**
		TOTAL	0	0	**13**	**13**