SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(Autonomous)
DEPARTMENT OF CSE-AIML
B.Tech R20::HONOR COURSE STRUCTURE AND SYLLABI

1.Student shall earn 20 additional credits to be eligible for the award of B. Tech (Honors) degree (16 credits shall be earned by undergoing specified courses listed as pools, with four courses, each carrying 4 credits, the remaining 4 credits must be acquired through two MOOCs, which shall be domain specific, each with 2 credits and with a minimum duration of 8/12 weeks as recommended by the Board of studies).

2.The subjects opted for Honors should be Advanced type which are not covered in regular curriculum

3.Students has to acquire 16 credits with minimum one subject from each pool

POOL–1(Artificial Intelligence)

S.No	Course Code	Course Title	Scheme of Instructions Hours per Week				Scheme of Examination Maximum Marks		
			L	T	P	C	I	E	Total
1	20CSMHR1A	Intelligent Multi Agent and Expert systems	3	1	-	4	30	70	100
2	20CSMHR1B	Business Intelligence	3	1	-	4	30	70	100
3	20CSMHR1C	Machine Intelligence for Medical Image Analysis	3	1	-	4	30	70	100
4	20CSMHR1D	AI for Game Programming	3	1	-	4	30	70	100

POOL–2(Computing and Networking)

S.No	Course Code	Course Title	Scheme of Instructions Hours per Week				Scheme of Examination Maximum Marks		
			L	T	P	C	I	E	Total
1	20CSMHR2A	Advances in Mobile Computing	3	1	-	4	30	70	100
2	20CSMHR2B	Wireless Ad-hoc and Sensor Networks	3	1	-	4	30	70	100
3	20CSMHR2C	Parallel and Distributed Computing	3	1	-	4	30	70	100
4	20CSMHR2D	Grid Computing	3	1	-	4	30	70	100

POOL–3 (Machine Learning)

S.No	Course Code	Course Title	Scheme of Instructions Hours per Week				Scheme of Examination Maximum Marks		
			L	T	P	C	I	E	Total
1	20CSMHR3A	Statistical Machine Learning	3	1	-	4	30	70	100
2	20CSMHR3B	Soft Computing in Medical Diagnostics	3	1	-	4	30	70	100
3	20CSMHR3C	Recommender Systems	3	1	-	4	30	70	100
4	20CSMHR3D	Applied Machine Learning	3	1	-	4	30	70	100

POOL–4 (Security and Internet of Things)

S.No	Course Code	Course Title	Scheme of Instructions Hours per Week				Scheme of Examination Maximum Marks		
			L	T	P	C	I	E	Total
1	20CSMHR4A	Cyber Threat Intelligence	3	1	-	4	30	70	100
2	20CSMHR4B	Cloud Computing and Information Security	3	1	-	4	30	70	100
3	20CSMHR4C	Wireless Technologies for IOT	3	1	-	4	30	70	100
4	20CSMHR4D	IOT for Smart Cities	3	1	-	4	30	70	100

BOS-Chairman   **Principal**