MAHARSHI DAYANAND UNIVERSITY, ROHTAK

Scheme of Studies and Examination of B.TECH (Robotics and Automation Engineering)–7thSemester

w.e.f. 2023-24 (Scheme-G)

Course Code	Course Title	Hours per week			Total Contact hrs/week	Credit	Examination Schedule(Marks)				Duration of Exam (Hours)
		L	T	P			Internal Assessment	External Examination Theory	Practical	Total	
PCC-RA-401G	Hydraulic and Pneumatics	3	0	0	3	3	25	75	-	100	3
PCC-ME-403G	Entrepreneurship Development	3	0	0	3	3	25	75	-	100	3
PCC-RA-403G	Micro-controller and PLC	3	0	0	3	3	25	75	-	100	3
PCC-RA-405G	Digital Image Processing	3	0	0	3	3	25	75	-	100	3
LC-RA-401G	Hydraulic and Pneumatic Lab	0	0	2	2	1	25	-	25	50	3
PCC-RA-407G	Seminar	0	0	2	2	1	25	-	25	50	3
PROJ-RA-407G	Project-I	0	0	9	9	4.5	25	-	25	50	3
PT-RA-409G	Practical Training-II	0	0	2	2	ReferNote:1(Grading)					
MC-317G	Constitution of India	2	0	0	2	ReferNote:2(Grading)					
TOTAL CREDIT						18.5	175	300	75	550	

Note: 1. The evaluation of Practical Training-I will be based on seminar, viva-voce, report submitted by the students. According to performance , the students are awarded grades A,B,C,F.A student who is awarded "F" grade is required to repeat.
PracticalTraining.Excellent:A;Good:B;Satisfactory:C;NotSatisfactory: F.
Note:2 The students will be awarded grades A, B, C & F in Evaluation of Constitution of India. A student who is awarded "F" grade is required to repeat.
Excellent-A; Good-B; Satisfactory-C; Not Satisfactory-F.

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

Scheme of Studies and Examination of B.TECH (Robotics and Automation Engineering)–8th Semester

w.e.f. 2023-24 (Scheme-G)

Course Code	Course Title	Hours per week			Total Contact hrs/week	Credit	Examination Schedule(Marks)				Duration Of Exam (Hours)
		L	T	P			Internal Assessment	External Examination Theory	Practical	Total	
PCC-RA-402G	Flexible manufacturing systems	3	0	0	3	3	25	75	-	100	3
PCC-RA-404G	Sensors & Signal Processing	3	0	0	3	3	25	75	-	100	3
PCC-RA-406G	Advanced Robotics	3	0	0	3	3	25	75	-	100	3
PCC-RA-408G	Neural Networks & FUZZY Systems	3	0	0	3	3	25	75	-	100	3
OEC/HSMC-III	Refer OEC List-III	3	0	0	3	3	25	75	-	100	3
LC-RA-402G	Workshop using MATLAB	0	0	2	2	1	25	-	25	50	3
PCC-RA-410G	Seminar	0	0	2	2	1	50	-	-	50	3
PROJ-RA- 408G	Project-II	0	0	10	10	5	25	-	25	50	3
TOTALCREDIT						**22**	**225**	**375**	**50**	**650**	