

Scheme of
UNDERGRADUATE DEGREE COURSE

Plastic Technology

V & VI semester



Rajasthan Technical University, Kota
Effective from session: 2022-23



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme

B.Tech.: Plastic Technology

3rd Year – V Semester

THEORY												
SN	Category	Course		Contact hrs/week			Marks			Cr		
		Code	Title	L	T	P	Exam Hrs	IA	ETE		Total	
1	ESC	5PT3-01	Mechanics of Solids	2	0	0	3	30	70	100	2	
2	PCC	5PT4-02	Properties & Testing of Plastic-I	3	0	0	3	30	70	100	3	
3		5PT4-03	Plastic Processing Technology-I	3	0	0	3	30	70	100	3	
4		5PT4-04	Plastic Product & Mould Design	3	0	0	3	30	70	100	3	
5		5PT4-05	Polymer Composites	3	0	0	3	30	70	100	3	
6	PEC	5PT5-11 5PT5-12 5PT5-13	Core Elective-I: Any one Additives and Compounding Polymer Physics Fiber Technology	2	0	0	3	30	70	100	2	
Sub Total				16	0	0					16	
PRACTICAL & SESSIONAL												
7	PCC	5PT4-21	Plastic Product Testing Lab-I	0	0	2	2	60	40	100	1	
8		5PT4-22	Plastic Processing Lab-I	0	0	2	2	60	40	100	1	
9		5PT4-23	Plastic Product & Mould Design Lab	0	0	4	3	60	40	100	2	
10	PSIT	5PT7-30	Industrial Training	0	0	1		60	40	100	2.5	
11	SODECA	5PT8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0			100	100	0.5	
Sub-Total				0	0	9						7
TOTAL OF V SEMESTER				16	0	9						23

L: Lecture, T: Tutorial, P: Practical, Cr: Credits

ETE: End Term Exam, IA: Internal Assessment

Office of Dean Academic Affairs
Rajasthan Technical University, Kota



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Teaching & Examination Scheme

B.Tech.: Plastic Technology

3rd Year – VI Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks			Cr	
		Code	Title	L	T	P	Exam Hrs	IA	ETE		Total
1	ESC	6PT3-01	Engineering Thermodynamics	2	0	0	3	30	70	100	2
2	PCC	6PT4-02	Properties & Testing of Plastic-II	3	0	0	3	30	70	100	3
3		6PT4-03	Plastic Processing Technology-II	3	0	0	3	30	70	100	3
4		6PT4-04	Mould Manufacturing Technology	3	0	0	3	30	70	100	3
5		6PT4-05	Polymer Blends and Alloys	3	0	0	3	30	70	100	3
6	PEC	6PT5-11 6PT5-12 6PT5-13	Core Elective-II: Any one Plastic Packaging Technology Thermoplastic Elastomers Polymers for Environment and Energy Storage Applications	3	0	0	3	30	70	100	3
Sub Total				17	0	0					17
PRACTICAL & SESSIONAL											
7	PCC	6PT4-21	Plastic Product Testing Lab-II	0	0	4	3	60	40	100	2
8		6PT4-22	Plastic Processing Lab-II	0	0	4	3	60	40	100	2
9		6PT4-23	Mould Manufacturing Technology Lab	0	0	4	3	60	40	100	2
11	SODECA	6PT8-00	Social Outreach, Discipline & Extra Curricular Activities						100	100	0.5
Sub-Total				0	0	12					6.5
TOTAL OF VI SEMESTER				17	0	12					23.5

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