

Scheme of  
UNDERGRADUATE DEGREE COURSE

Plastic Technology



Rajasthan Technical University, Kota  
Effective from session: 2021-22



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme B. Tech : Plastic Technology 2<sup>nd</sup> Year – III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exam Hrs	IA	ETE	Total	
1	BSC	3PT2-01	Advanced Engineering Mathematics-I	3	1	0	3	30	70	100	4.0
2	HSMC	3PT1-02/ 3PT1-03/	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	3	30	70	100	2.0
3	ESC	3PT3-04	Materials Engineering	2	0	0	3	30	70	100	2.0
4	PCC	3PT4-05	Fundamental of Polymer Science	3	0	0	3	30	70	100	3.0
5		3PT4-06	Synthesis & Polymerization Engineering	3	0	0	3	30	70	100	3.0
6		3PT4-07	Plastics Materials-I	3	0	0	3	30	70	100	3.0
			<b>Sub Total</b>	16	1	0					17
PRACTICAL & SESSIONAL											
8	PCC	3PT4-21	Identification of Polymers Lab	0	0	4		60	40	100	2.0
9		3PT4-22	Synthesis & Polymerization Engineering Lab	0	0	4		60	40	100	2.0
10		3PT4-23	DBMS Lab	0	0	4		60	40	100	2.0
11	PSIT	3PT7-30	Industrial Training	0	0	1		60	40	100	1.0
12	SODE CA	3PT8-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
			<b>Sub Total</b>	0	0	13					7.5
			<b>TOTAL OF III SEMESTER</b>	16	1	13					24.5

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

*ETE: End Term Exam, IA: Internal Assessment*

Office of Dean Academic Affairs  
Rajasthan Technical University, Kota



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme B.Tech.: Plastic Technology 2<sup>nd</sup> Year – IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exam Hrs	IA	ETE	Total	
1	BSC	4PT2-01	Data Analytics	2	0	0	3	30	70	100	2.0
2	HSMC	4PT1-02/ 4PT1-03/	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	3	30	70	100	2.0
3	ESC	4PT3-04	Principles of Chemical Engineering	3	0	0	3	30	70	100	3.0
4	PCC	4PT4-05	Fluid Mechanics	3	0	0	3	30	70	100	3.0
5		4PT4-06	Heat Transfer	4	0	0	3	30	70	100	4.0
6		4PT4-07	Plastics Materials-II	3	0	0	3	30	70	100	3.0
			<b>Sub Total</b>	17	0	0					17
PRACTICAL & SESSIONAL											
7	PCC	4PT4-21	Chemical Engineering Lab	0	0	3		60	40	100	1.5
8		4PT4-22	Fluid Mechanics Lab	0	0	3		60	40	100	1.5
9		4PT4-23	Heat Transfer Lab	0	0	3		60	40	100	1.5
10		4PT4-24	Plastics Material Testing Lab	0	0	3		60	40	100	1.5
11	SODE CA	4PT8-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
			<b>Sub Total</b>	0	0	12					6.5
			<b>TOTAL OF IV SEMESTER</b>	17	0	12					23.5

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