

Scheme of  
UNDERGRADUATE DEGREE COURSE

**B.Tech. V & VI Semester**

**Textile Chemistry**



Rajasthan Technical University, Kota  
Effective from session: 2019 – 2020



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme

### B.Tech. : Textile Chemistry

### 3<sup>rd</sup> Year – V Semester

THEORY											
SN	Categ ory	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5TC3-01	Practical Applications of Statistics	2	0	0	2	20	80	100	2
2	PCC/ PEC	5TC4-02	Energy and Water Conservation in Textile Wet Processing	3	0	0	3	30	120	150	3
3		5TC4-03	Textile Chemical Analysis -II	3	0	0	3	30	120	150	3
4		5TC4-04	Textile Testing - I	3	0	0	3	30	120	150	3
5		5TC4-05	Structure & Properties of Fibres	3	0	0	3	30	120	150	3
6		5TC4-06	Knitting Technology	2	0	0	2	20	80	100	2
		Sub Total		16	0	0		160	640	800	16
PRACTICAL & SESSIONAL											
7	PCC	5TC4-21	Textile Chemical Analysis lab -II	0	0	2	2	30	20	50	1
8		5TC4-22	Textile Testing Practical-I	0	0	4	2	60	40	100	2
9		5TC4-23	Color and Design Practical	0	0	2	2	30	20	50	1
10	PSIT	5TC7-30	Industrial Training	0	0	1		75	50	125	2.5
11	SODE CA	5TC8-00	Social Outreach, Discipline & Extra Curricular Activities						25	25	0.5
		Sub- Total		0	0	09		195	155	350	7
		TOTAL OF V SEMESTER		16	0	09		355	795	1150	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



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme

### B.Tech. : Textile Chemistry

### 3<sup>rd</sup> Year – VI Semester

THEORY											
SN	Categor y	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	6TC3-01	Chemistry of Surfactants	2	0	0	2	20	80	100	2
2	PCC/ PEC	6TC4-02	Technology of Dyeing	3	0	0	3	30	120	150	3
3		6TC4-03	Technology of Textile Printing	3	0	0	3	30	120	150	3
4		6TC4-04	Textile Testing - II	3	0	0	3	30	120	150	3
5		6TC4-05	Man Made Fiber Production	3	0	0	3	30	120	150	3
6		6TC4-06	Engineering of Textile Structures	3	0	0	3	30	120	150	3
		Sub Total		17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	6TC4-21	Textile Printing Lab-I	0	0	4	3	60	40	100	2
8		6TC4-22	Fabric Dyeing Lab	0	0	4	3	60	40	100	2
9		6TC4-23	Textile Testing Practical – II	0	0	4	3	60	40	100	2
10	SODE CA	6TC8-00	Social Outreach, Discipline & Extra Curricular Activities						25	25	0.5
		Sub- Total		0	0	12		180	145	325	6.5
		TOTAL OF VI SEMESTER		17	0	12		350	825	1175	23.5

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

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

Office of Dean Academic Affairs  
Rajasthan Technical University, Kota