



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

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100 YEARS
1921 - 2021

Department: PAINT TECHNOLOGY

School: CHEMICAL TECHNOLOGY

Name of Programme: B.Tech. (Chemical Technology) – Paint Technology

M.Tech. (Chemical Technology) – Paint Technology

Academic Session: 2021-22

Total no. of courses in the Programmes: 39

% Change in the course curriculum: 20

No. of courses where syllabus revision was carried out in BoS 2017 & 2020

S. No.	Name of course	Course code
1	Technology of Natural Resins, Alkyds and Polyesters	TPT 252
2	Technology of Synthetic Resins and Polymers	TPL 355
3	Characterization, Analysis and Evaluation of Coatings	TPT 352
4	Technology of Organic, Functional and Effect Pigments	TPT 354
5	Technology of Formulation and Manufacture of Coatings	TPT 356
6	Technology of Printing Inks and Coatings	TPT 358
7	Technology of Paint Additives	TPT 360
8	Technology of Surface Preparation, Treatments and Coating Applications	TPT 453
9	Corrosion Control Technology	TPT457
10	Nanotechnology in Surface Coatings	TPT461
11	Technology Of Packaging And Waste Management	TPT454
12	Basic Paint Technology	OPT433
13	Advances in Chemistry and Technology of Film Formers	TPT501
14	Pigmentation of Surface Coatings	TPT553
15	Technology of Resins and Polymers	TPT559
16	Chemistry and Technology of Pigments	TPT561
17	Technology of Surface Coatings	TPT563
18	Modern Evaluation Techniques of Surface Coatings	TPT502
19	Modern Manufacturing Techniques of Surface Coatings	TPT504
20	High Performance Coatings	TPT506
21	Advances in Printing Inks	TPT508
22	Advances in Packaging Technology	TPT510
23	Technology of Surfactants & Coating Additives	TPT601
24	Advances in Surface Treatment & Coating application	TPT603
25	Eco-friendly & Specialty Coatings	TPT605
26	Dissertation / Project	TPT695
27	Seminar	TPT697
28	Dissertation / Project	TPT698

Number of Courses related with employability/ entrepreneurship/ skill development

Courses related with employability/ entrepreneurship/ skill development		
S. No.	Name of course	Course code
1	Introduction to Surface Coatings and their Components Lab	TPT 253
2	Technology of Natural Resins, Alkyds and Polyesters	TPT 252
3	Technology of Inorganic Pigments and Extenders	TPT 351
4	Pigments and Extenders Lab	TPT 353
5	Technology of Synthetic Resins and Polymers	TPL 355
6	Characterization, Analysis and Evaluation of Coatings	TPT 352
7	Technology of Organic, Functional and Effect Pigments	TPT 354
8	Technology of Formulation and Manufacture of Coatings	TPT 356
9	Technology of Printing Inks	TPT 358
10	Technology of Paint Additives	TPT 360
11	Technology of Industrial and Specialty Coatings	TPT 451
12	Technology of Surface Preparation, Treatments and Coating Applications	TPT 453
13	Technology of Architectural & Eco-friendly Coatings	TPT455
14	Corrosion Control Technology	TPT457
15	Technology of Industrial and Automotive Coatings	TPT459
16	Nanotechnology in Surface Coatings	TPT461
17	Technology Of Packaging And Waste Management	TPT454
18	Basic Paint Technology	OPT433
19	Industrial Training	TPT493
20	Seminar	TPT495
21	Project	TPT497
22	Project	TPT498
23	Advances in Chemistry and Technology of Film Formers	TPT551
24	Pigmentation of Surface Coatings	TPT553
25	Technology of Resins and Polymers	TPT559
26	Chemistry and Technology of Pigments	TPT561
27	Technology of Surface Coatings	TPT563
28	Modern Evaluation Techniques of Surface Coatings	TPT552
29	Modern Manufacturing Techniques of Surface Coatings	TPT554
30	High Performance Coatings	TPT556
31	Advances in Printing Inks	TPT558
32	Advances in Packaging Technology	TPT560
33	Technology of Surfactants & Coating Additives	TPT651
34	Advances in Surface Treatment & Coating application	TPT653
35	Eco-friendly & Specialty Coatings	TPT655
36	Dissertation / Project	TPT695
37	Seminar	TPT697
38	Dissertation / Project	TPT698

Elective courses in the programme

Elective courses			
S. No.	Name of Programme	Name of Course	Course code
1	B.Tech. (Chemical Technology) – Paint Technology	Technology of Architectural & Eco-friendly Coatings	TPT455
		Corrosion Control Technology	TPT457
		Technology of Industrial and Automotive Coatings	TPT459
		Nanotechnology in Surface Coatings	TPT461
		High Polymeric Engineering	TPT452
		Technology Of Packaging And Waste Management	TPT454
		Basic Paint Technology	OPT433
2	M.Tech. (Chemical Technology) – Paint Technology	Advances in Printing Inks	TPT558
		Advances in Packaging Technology	TPT560
		Advances in Surface Treatment & Coating application	TPT653
		Eco-friendly & Specialty Coatings	TPT655

New courses introduced across all Programmes

New courses introduced		
S. No.	Name of course	Course code
1	Technology of Paint Additives	TPT 360
2	Nanotechnology in Surface Coatings	TPT461
3	Technology Of Packaging And Waste Management	TPT454
4	Basic Paint Technology	OPT433
5	Advances in Chemistry and Technology of Film Formers	TPT551
6	Pigmentation of Surface Coatings	TPT553
7	Technology of Resins and Polymers	TPT559
8	Chemistry and Technology of Pigments	TPT561
9	Technology of Surface Coatings	TPT563
10	Modern Evaluation Techniques of Surface Coatings	TPT552
11	Modern Manufacturing Techniques of Surface Coatings	TPT554
12	High Performance Coatings	TPT556
13	Advances in Printing Inks	TPT558
14	Advances in Packaging Technology	TPT560
15	Technology of Surfactants & Coating Additives	TPT651
16	Advances in Surface Treatment & Coating application	TPT653
17	Eco-friendly & Specialty Coatings	TPT655
18	Dissertation / Project	TPT695
19	Seminar	TPT697
20	Dissertation / Project	TPT698



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