

**Discipline : Chemical/Chemistry**

Sl. No.	Academic Course	Semester	Subject under the Semester	Topic of the BIS Lecture	Time slot required	IS No.
1	B.E/B.Tech/M.Tech		Coated and Specialty Papers	Standards on paper	90 minutes	IS 4658 : 2019, IS 17568 : 2021
			Packaging Papers and Boards			IS 1397 : 2020, IS 6615 : 1972, IS 7162 : 1973, IS 8460 : 1977, IS 8970 : 1991, IS 14319 : 1995, IS 2771 (Part 1) : 1990
			Specialty Papers			IS 17568 : 2021
			Paper Properties			Standards of IS 1060 series
2	B.E/B.Tech/M.Tech		Physical Methods in Inorganic Chemistry	Standards on Inorganic chemical related products	90 minutes	IS 252:2013, IS 264:2005, IS 265:1993, IS 266:1993
			Chemistry Laboratory			IS 2124:2000, IS 333:1980, IS 4150:1984
			Inorganic Materials of Industrial importance, Catalysis			IS 8325 : 1983, IS 17539 : 2021
			Chemical Process Technology and Economics			IS 662:2020, IS 2124: 2000, IS 264 : 2005, IS 265 : 1993, IS 266 : 1993
3	B.E/B.Tech/M.Tech		Pigments & additives for polymer	Standards on Paint and related products	90 minutes	IS 6947 : Part 1:1973,
			,Paints technology III			IS 5410 : 2013, IS 101 : Part 2 : Sec 5 : 2017

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			Processing & analysis of Paint-II			IS 101: Part 3:Sec 1 : 1986, IS 101:Part 4: Sec 4 : 2020, IS 101:Part 5:Sec 1 : 1988,IS 101:Part 5:Sec 2 : 1988, IS 101:Part 5:Sec 3 : 2019,IS 101:Part 5:Sec 4 : 1988, IS 101:Part 6:Sec 3 : 1990, IS 1874 : 2018, IS 15489 : 2013, IS 2932 : 2003, IS 16943 : 2019, IS 16944 : 2018.
			Advanced Paints Technology II			IS 51 : 1998, IS 12744 : 1989, IS 164 : 2015, IS 5410 : 2013, IS 17218 : 2019,
			Advanced Paints Technology I			IS 151 : 2017
4	B. Tech		Safety and Hazards in Process Industries	Standards related to safety and hazards in process industries	90 minutes	IS 4209 : 2013, IS 4262 : 2002, IS 15465 : 2015 , IS 16529 : 2016, IS 15656 : 2006, IS 14489 : 2018,IS/ISO 45001 : 2018, Standards of series 6994,standards of series 3521, standards of series 17274
5	B. Tech		Environmental Engineering	Standards on Environment Management System	90 minutes	IS 14044, IS 14040, IS/ISO 14001

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6	B.Tech		Leather Technology & Leather Product Technology	Standards on Leather Products and Test Methods	90 minutes	IS 3031, IS 582 (Part 10/Sec 1). IS 582 (Part 11/Sec 2), IS 4191, IS 7954, IS 8155, IS 5914 (Part 2/Sec 1)
7	B.Tech		Ceramic Raw Materials	Standards on Ceramic Raw Materials	90 minutes	IS 11477, IS 12621, IS 12928, IS 15751, IS 15752, IS 11464, IS 14721, IS 2840, IS 2333, IS 4589, IS 9749