

**CEP Courses on TRIZ Innovation and Taguchi Optimization  
held at IITB and COEP during last 16 years (2001-2017)**

Serial No.	Title	Year	Faculty.
1	INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	21-23 May 2002	P. R. Apte
2	INNOVATION & OPTIMIZATION USING TRIZ & TAGUCHI	28-May to 2-June 2002	P. R. Apte
3	INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	16-17 Aug 2002	P. R. Apte
4	WORLD BEATING PROBLEM USING TRIZ METHODS	20-Aug 2002	P. R. Apte + D. L. Mann
5	INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	22-23Aug 2002	P. R. Apte
6	WORLD BEATING PROBLEM USING TRIZ METHODS	27-Feb 2003	P. R. Apte + D. L. Mann
7	CERTIFICATE COURSE ON INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	28-Feb to 2 Mar 2003	P. R. Apte
8	INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	4-5 Mar 2003	P. R. Apte
9	INNOVATIVE PROBLEM SOLVING USING TRIZ METHODS	18-19 June 2003	P. R. Apte
10	INNOVATION USING TRIZ METHODS	8-11 July 2003	P. R. Apte
11	INNOVATION USING TRIZ METHODS	5-6 Sep 2003	P. R. Apte
12	INNOVATIVE PROBLEM SOLVING USING TRIZ IN BUSINESS AND SOFTWARE	2-Dec 2003	P. R. Apte + D. L. Mann
13	INNOVATIVE PROBLEM SOLVING USING TRIZ IN BUSINESS AND SOFTWARE	4-Dec 2003	P. R. Apte + D. L. Mann
14	TRIZ: INNOVATIONS AND PROBLEM SOLVING - DO IT THE TRIZ WAY	16-17 June 2004	P. R. Apte
15	INNOVATIVE PROBLEM SOLVING USING TRIZ IN BUSINESS AND TECHNOLOGY	9-Oct 2004	P. R. Apte + D. L. Mann
16	WORLD BEATING PROBLEM USING TRIZ METHODS (M&M Nasik)	10-11 Oct 2004	P. R. Apte + D. L. Mann
17	TECHNOLOGY INNOVATION USING TRIZ METHODS	21-22 Jan 2005	P. R. Apte

18	TRIZ : INNOVATION IN TECHNOLOGY AND PROJECT MANAGEMENT	5-6 June 2005	P. R. Apte + D. L. Mann
19	TAGUCHI METHOD FOR PROCESS OPTIMIZATION (AT UKM)	8-9-10 Dec 2005	P. R. Apte
20	PROBLEM SOLVING USING TRIZ METHODS (Tata Motors, Pune)	24-25 Aug 2007	P. R. Apte
21	OPPORTUNITY CREATION USING TRIZ INNOVATION (Tata Motors, Pune)	26 Aug 2007	P. R. Apte
22	PROCESS OPTIMIZATION USING DESIGN OF EXPERIMENTS / TAGUCHI METHOD (M&M, NASIK)	28-29 Sep 2007	P. R. Apte
23	PROBLEM SOLVING USING TRIZ METHODS (Tata Motors, Pune)	26-27 Oct 2007	P. R. Apte
24	OPPORTUNITY CREATION using TRIZ INNOVATION (Tata Motors, Pune)	24 Nov 2007	P. R. Apte
25	Technology Innovation using TRIZ Methods (Crompton Greaves, Nasik)	27-28 Jan 2008	P. R. Apte
26	PROBLEM SOLVING USING TRIZ METHODS (John Deere, Pune)	6-7 June 2008	P. R. Apte
27	PROBLEM SOLVING USING TRIZ METHODS (RIL, Hazira)	12-13 June 2008	P. R. Apte
28	OPPORTUNITY CREATION USING TRIZ INNOVATION (RIL, Hazira)	14 June 2008	P. R. Apte
29	PROBLEM SOLVING USING TRIZ METHODS (Gabriel India Ltd, Pune)	27-28 June 2008	P. R. Apte
30	PROBLEM SOLVING USING TRIZ METHODS (SRF, Chennai)	9-10-11 July 2008	P. R. Apte
31	PROBLEM SOLVING USING TRIZ METHODS (SRF, Chennai)	15-16-17 July 2008	P. R. Apte
32	PROBLEM SOLVING and OPPORTUNITY CREATION USING TRIZ METHODS (RIED, Chennai)	21-22-23 Oct 2008	P. R. Apte
33	PROCESS OPTIMIZATION USING DESIGN OF EXPERIMENTS / TAGUCHI METHOD	8-9 July 2009	P. R. Apte
34	TRIZ INNOVATION yardstick FOR evaluating Ph D THESIS	15-16 July 2009	P. R. Apte
35	Innovative Problem Solving using TRIZ Methods (Nissan Ashok Leyland, Chennai)	21-22 Oct 2009	P. R. Apte

36	Taguchi and TRIZ for Ph D SCHOLARS of IITB	2-DAYS in 28-29 Oct 2009	P. R. Apte
37	A 3-Day Course on Taguchi Method for Process and Product Optimization (ukm, Malaysia)	16-17-18 Nov 2009	P. R. Apte
38	Systematic Software (and Software Management) Innovation	2-Days 27-28 Apr 2010	P. R. Apte & D. L. Mann
39	Innovating Business Strategy: using TRIZ principles in business	1-Day 30 Apr 2010	P. R. Apte & D. L. Mann
40	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (CII, Bangalore)	2-Day 14-15 May 2010	P. R. Apte
41	A 3-Day Course on Taguchi Method for Process and Product Optimization (IEEE ED, Bangi, Malaysia)	6-7-8 July 2010	P. R. Apte
42	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (CII, Pune)	2-Day 22-23 July 2010	P. R. Apte
43	Design and Analysis of Experiments using Taguchi Method (EE-731 Full Semester PG Elective at IIT Bombay)	July – Nov 2010	P. R. Apte
44	Opportunity Creation using TRIZ Innovation (CII, Chennai)	1-Day 30 Oct 10	P. R. Apte
45	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (SRF, Chennai)	2 Days 16-17 Dec 10	P. R. Apte
46	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (CEAT, Bhandup)	2 Days 28 Feb-1 Mar 2011	P. R. Apte
47	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MIQ, M&M, Nashik)	2-1/2 Days 11-12-13 Apr 2011	P. R. Apte
48	Problem Solving and Opportunity Creation using TRIZ (open course at IITB)	2 Days 29-30 Apr 2011	P. R. Apte
49	Technology Innovation using TRIZ (open course at IITB)	2 Days 22-23 July 2011	P. R. Apte + D. L. Mann
50	Design and Analysis of Experiments using Taguchi Method (EE-731 Full Semester PG Elective at IIT Bombay)	July – Nov 2011	P. R. Apte
51	Problem Solving and Opportunity Creation using TRIZ (HMA, HAL, Bangalore)	2 Days 22-23 Aug 2011	P. R. Apte
52	DoE and Taguchi Method for Research (TIFR Research Scholars, Colaba, Mumbai)	1 Day 24 Sep 2011	P. R. Apte

53	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MIQ, M&M, Nashik)	2-1/2 Days 17-18-19 Oct 2011	P. R. Apte
54	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Infineon, Bangalore)	2-1/2 Days 16-17-18 Nov 2011	P. R. Apte
55	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Chennai)	2 Days 23- 24 Nov 2011	P. R. Apte
56	DoE and Taguchi Method for Research (Research Scholars, UKM and UNITEN, Malaysia)	2 Days 5-6 Dec 2011	P. R. Apte
57	TRIZ for Innovation and Taguchi Method for optimization (1 week AICTE sponsored QIP course at IITB for engineering college professors)	5 Days 19-23 Dec 2011	P. R. Apte
58	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Reliance, Mumbai)	2-1/2 Days 5-6-7 Jan 2012	P. R. Apte
59	Taguchi Method for Process/Product optimization (UNIMAP, Perlis, Malaysia)	3 Days 28Feb-1Mar 2012	P. R. Apte
60	Introduction to TRIZ Innovation (IEEE/UKM/UNITEN sponsored course at UNITEN, Kuala Lumpur, Malaysia)	1+1/2 Days 6-7 Mar 2012	P. R. Apte
61	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2+1/2 Days 16-18 May 2012	P. R. Apte
62	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Rudrapur)	2 Days 28-29 May 2012	P. R. Apte
63	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Ranbaxy, Chandigarh)	2+1/2 Days 6-8 June 2012	P. R. Apte
64	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Mumbai)	2+1/2 Days 18-20 June 2012	P. R. Apte
65	TRIZ for Innovation and Taguchi Method for optimization (1 week AICTE sponsored QIP course at IITB for engineering college professors)	5 Days 13-18 Aug 2012	P. R. Apte
66	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (open course at IITB)	2 Days 13-14 Aug 2012	P. R. Apte
67	Taguchi Method for Process/Product optimization (open course at IITB)	3 Days 16-18 Aug 2012	P. R. Apte

68	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Mumbai)	2 Days 12-13 Sep 2012	P. R. Apte
69	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nashik)	2 Days 1-2 Nov 2012	P. R. Apte
70	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Days 22-23 Nov 2012	P. R. Apte
71	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Zaheerabad)	2 Days 28-29 Nov 2012	P. R. Apte
72	Taguchi Method for Process/Product optimization (IITB UG/PG students)	1 Day 10 Dec 2012	P. R. Apte
73	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali)	2 Days 17-18 Dec 2012	P. R. Apte
74	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MIQ, Nashik)	2 Days 18-19 Jan 2013	P. R. Apte
75	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Rudrapur)	2 Days 20-21 Feb 2013	P. R. Apte
76	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MIQ, Nashik)	2 Days 26-27 Feb 2013	P. R. Apte
77	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Reliance, RCP, Ghansoli, Navi Mumbai)	2-1/2 Days 12-13-14 Mar 2013	P. R. Apte
78	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Day 3-4 Apr 2013	P. R. Apte
79	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali)	2 Day 9-10 Apr 2013	P. R. Apte
80	Innovation Capability Maturity Model (ICMM) at IIT Bombay	1 Day 18 Apr 2013	Darrell Mann, P R Apte
81	TRIZ innovation: Bullet Proof Intellectual Property at IIT Bombay	1 Day 19 Apr 2013	Darrell Mann, P R Apte

82	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Daimler India, Chennai)	2-Days 13-14 May 2013	P. R. Apte
83	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Day 10-11 July 2013	P. R. Apte S S Narayan
84	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MIQ, Nashik)	2 Day 19-20 July 2013	P. R. Apte S S Narayan
85	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Zaheerabad)	2 Day 21-22 Aug 2013	P. R. Apte S S Narayan
86	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali)	2 Day 5-6 Sep 2013	P. R. Apte S S Narayan
87	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (For Business), GMR, Delhi Airport	2 Day 11-12 Sep 2013	P. R. Apte S S Narayan
88	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Day 9-10 Oct 2013	P. R. Apte S S Narayan
89	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MIQ, Nashik)	2 Day 23-24 Oct 2013	P. R. Apte S S Narayan
90	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Day 13-14 Nov 2013	P. R. Apte S S Narayan
91	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali)	2 Day 18-19 Dec 2013	P. R. Apte S S Narayan
92	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MRV, M&M, Chennai)	2 Day 22-23 Jan 2014	P. R. Apte S S Narayan
93	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (IMCR, M&M, Kandivali)	2 Day 11-12 Feb 2014	P. R. Apte S S Narayan
94	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Nagpur)	2 Day 27-28 May 2014	P. R. Apte S S Narayan

	<b>After Joining COEP Pune</b>		
95	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Zaheerabad)	2 Day 5-6 June 2014	P. R. Apte S S Narayan
96	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali)	2 Day 26-27 June 2014	P. R. Apte S S Narayan
97	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MRV, Chennai)	2 Day 24-25 July 2014	P. R. Apte S S Narayan
98	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MCE, Pune)	2 Day 6-7 Aug 2014	P. R. Apte S S Narayan
99	Integration of TRIZ Innovation and TAGUCHI Optimization for R&D Organized by IEEE ED (Malaysia Chapter) at IMEN, UKM, Malaysia	2 Day 9-10 Sep 2014	P. R. Apte
100	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, MVML, Chakan, Pune)	2 Day 29-30 Sep 2014	P. R. Apte S S Narayan
101	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali, Mumbai)	2 Day 8-9 Oct 2014	P. R. Apte S S Narayan
102	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Neosym, Pune)	2 Day 28 Nov 26 Dec 2014	P. R. Apte
103	Design of Experiments and Taguchi Methods (VIT Pune)	3 Day 19-21 Jan 2015	P. R. Apte
104	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali, Mumbai)	2 Day 27-28 Jan 2015	P. R. Apte S S Narayan
105	Advanced TRIZ (M&M, Kandivali, Mumbai)	2 Day 12-14 Mar 2015	P. R. Apte S S Narayan
106	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Emerson, Pune)	2 Day 24-25 Mar 2015	P. R. Apte
107	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (UNITEN, KL, Malaysia)	2 Day 15-16 June 2015	P. R. Apte S S Narayan
108	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Luminous, Gagret H.P.)	2 Day 5-6 July 2015	P. R. Apte S S Narayan
109	1-Day TRIZ Awareness Course for ISQ Members at Gurgaon, Haryana	1-Day 13 Oct 2015	P. R. Apte
110	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Sonagroup, Gurgaon, Haryana)	2 Day 23-24 Nov 2015	P. R. Apte

111	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Adventz, Paradeep, Odisha)	2 Day 1-2 Dec 2015	P. R. Apte
112	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (M&M, Kandivali, Mumbai)	2 Day 13-14 Jan 2016	P. R. Apte
113	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MRV, Chennai)	2 Day 21-22 Jan 2016	P. R. Apte S S Narayan
114	TRIZ Innovation for Defining the RIGHT Problem, Pre-conference Workshop K, NEPCON-2016 at Penang Malaysia	2 Day 7-8 June 2016	P. R. Apte
115	Taguchi Method to QUICKLY get World's BEST Results, Pre-conference Workshop K, NEPCON-2016 at Penang Malaysia	1 Day 9 June 2016	P. R. Apte
116	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (TSPDL, Ranjangaon, Pune)	3 Days 16-18 June 2016	P. R. Apte
117	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MIQ, M&M, Nashik)	3 Days 27-28-29 June 2016	P. R. Apte
118	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Emerson, Pune)	4 Half Days 2-5 Aug 2016	P. R. Apte
119	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MRV, Chennai)	2 Day 8-9 Sep 2016	P. R. Apte S S Narayan
120	DoE and Taguchi Method in Robust Design (MRV, Chennai)	3-Day 17-19 Oct 2016	P. R. Apte
121	TRIZ Awareness Program (L&T Powai, Mumbai)	1-Day 24 Nov 2016	P. R. Apte Rajinder Singh
122	1-Day DoE Taguchi Method (Walchand College Sangli)	1-Day 11 Mar 2017	P R Apte
	<b>After Retiring (1 Jan 2017 )</b>		
123	2-Day DoE Taguchi Method (Yeshwantrao Chavan College of Engineering, YCCE Nagpur)	2-Days 24-25 Mar 2017	P R Apte
124	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Knorr-Bremse, Pune)	2 Day 11-12 May 2017	P. R. Apte
125	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (Prince Pipes, Dadra Haveli)	3 Day 17-18-19 May 2017	P. R. Apte
126	Problem Solving and Opportunity Creation Using TRIZ Innovative Methods (MIQ, M&M, Nashik)	3-Day 22-24 May 2017	P. R. Apte Milind Deshpande



