


Faculty Name	Prof. Virupaxi B. Dalal	
Department	Electronics and Communication Engineering	
Specialization	Digital Communication and Networking	
Experience in Years	17	
Area of Interest	Circuit Analysis, Signal Processing, Image Processing, Digital Electronics	
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Seminar/Workshop Attended:

Sl. No.	Nature of the course	Organizing Agency	Place	Duration		No. of Days
				From	To	
1	Seminar on Recent trends in VLSI	Global Academy of Technology	Bangalore	12/04/2007	13/04/2007	2
2	Workshop on synthesis and simulation of HDL	EAST-WEST Institute of Technology	Bangalore	28/02/2008	1/03/2008	3
3	FDP on FPGA Design flow	UTL, Technologies Ltd.	Bangalore	29/03/2008	-	1
4	Faculty Enablement Program (Campus Connect)	Infosys Technologies Ltd.	Pune	09/06/2008	20/06/2008	12
5	Seminar on Innovation & Entrepreneurship	Institute of Management Education & Research	Belgaum	26/03/2011	-	1
6	FDP on MATLAB & its applications	RNS Institute of Technology	Bangalore	28/01/2013	30/01/2013	3
7	FDP	SGBIT	Belagavi	30/07/2013		1
8	FDP	SGBIT	Belagavi	25/07/2014	26/07/2014	2
9	Workshop on Effective teaching pedagogies	SGBIT	Belagavi	29/07/2015	31/07/2015	3
10	Workshop on Lean Manufacturing	SGBIT	Belagavi	22/01/2016		1
11	Workshop on Effective teaching pedagogies	SGBIT	Belagavi	22/07/2016	23/07/2016	2
12	NPTEL workshop	NPTEL	Mangalore	28/10/2017		1
13	Workshop on Image Processing	SGBIT	Belagavi	23/01/2017	25/01/2017	3
14	Seminar on ARM Cortex Microcontroller	SGBIT	Belagavi	11/11/2017		1
15	NS2 using TCL scripts	SGBIT	Belagavi	01/02/2018	-	1
16	Workshop on New model curriculum	VTU	Belagavi	17/05/2018		1
17	FDP on Artificial Intelligence	INTEL at SDMCET	Dharwad	18/05/2018		1
18	Workshop on Pedagogy for Engineering Faculty	SGBIT	Belagavi	26/07/2018	28/07/2018	3
19	Effective online Engineering Education	IEEE Bangalore section	Online	26/04/2020	-	1
20	Learning Machine Learning	University of Baffalo, University of New York	online	16/05/2020	-	1

21	Automatic HDL code Generation using MATLAB and Simulink	BIT, Bangalore	online	19/05/2020	-	1
22	FDP on Scilab	ADCET, Ashta in association with IIT Bombay	online	23/05/2020	5/6/2020	15
23	Workshop on Intellectual Property Rights	SGBIT	Belagavi	24/05/2019	-	1
24	FDP on Electronics & data science	BIT&M, Ballari	online	01/06/2020	06/06/2020	6
25	Machine learning Challenges & Research Opportunities	DBIT, Bangalore	online	08/06/2020	-	1
26	Telemedicine, IOT and Nano science	GSSSIT, Mysore	online	10/06/2020	12/06/2020	3
27	Application of statistics to AI	DBIT, Bangalore	online	18/06/2020	-	1
28	Image processing & Deep learning using MATLAB	NIE, Mysore	online	25/06/2020	-	1
29	Scientific writing for journals	Springer Nature in collaboration with VTU	online	30/09/2020	-	1

Paper Publication:

- 1) Presented a paper entitled “Analysis and Implementation of Vedic Multiplier on FPGA” at the National conference organized by RNSIT, Bangalore on 03 May 2013.
- 2) Published a paper entitled “Sea Border Security System for Boats” in IJCRT with 5.97 Impact factor.
- 3) Presented a paper entitled “FPGA implementation of modified ADPLL for dual clock memory design” in National Conference held at SGBIT, Belagavi on 5/02/2016.
- 4) Presented a paper entitled “ECG acquisition System using Arduino” in National conference held at OXFORD college of Engineering, Bangalore on 24 May 2018.
- 5) Presented a paper on “Blockchain Technology in India” in National Conference held at SGBIT, Belagavi on 27/04/2018.

Recognized State/National/International Projects:

Final year student project titled “Electrically Operated Waste Collecting machine from Stagnant Water” is selected for KSCST in the year 2019-20.