

**SHRI SANT GADGE BABA COLLEGE OF ENGINEERING &
TECHNOLOGY BHUSAWAL.**

Department of Electronics & Communication Engineering

Seminar List

Sr. No.	2009-10	
1	Simulation & Synthesis in VHDL	
2	Monolithic microwave strip line device	
3	The internet transport protocols	
4	Gunn diode	
5	Microwave antenna	
6	Wireless Transmission	
7	Structure of VHDL & Verilog	
8	ISDN	
9	Multi Media Application	
10	Different Protocols for DLL	
11	Mixed Type Description in VHDL	
12	Structural Description in VHDL	
13	Behavioral Description in VHDL	
14	Biomedical Signal Processing	
15	Sampling	
16	Echo Cancellation	
17	DFT	
18	Fourier Transform	
19	Spectral Analysis	
20	Microwave Tubes	
21	Magnetron	
22	Parabolic reflector	
23	DIT FFT	
24	DIF FFT	
25	IIR Filter Design	
26	Classification of Signals	
27	Linear & Circular Convolution	
28	Inverse Z transform	
29	IPv6	
30	Z transform	
31	FIR Filter Design using windowing Technique	
32	Data flow Description in VHDL	
33	State Machines	

34	Congestion Control Algorithms	
35	VHDL Programming	
36	Radio Receiver	
37	Switch level Description in VHDL	
38	Light Detectors	
39	Losses in Optical Fiber Cable	
40	Optical Amplifiers & Filter	
41	Types of Fibers	
42	Signal Distortion in OFC	
43	Optical Fiber Measurements	
44	Transmission Line	
45	Waveguide	
46	Radar	
47	Computer Network	
48	Data Link layer in HDLC	
49	Internet working	
50	Microwave application	
51	Image Processing	
52	Filter Design Direct & Cascade form	
53	Architecture of DSP Processor	
54	BIST (Built in self test)	
55	Network Security	
56	Routing algorithm for N/W Layer	
57	IEEE Standars for LANS and MANS	
58	Firewall	
59	Photo Detectors	
60	WDM & DWDM	
61	Debugging tools	
62	Xilinx 9500 Series CPLD	
63	Xilinx Spartan 4000 Series FPGA	
64	Modulation Formats in OFC	
65	Optical fiber measurement	
66	Laser Diode	
67	Architecture use in VHDL	
68	Advanced HDL Description	
69	Simulation tools	
70	Multiple Access Protocols	
71	Design Issues for N/W Layer	
72	The Network Layer in the ATM Network.	

73	DNS	
74	Operators in VHDL & Verilog	
75	Transmission media for Computer Communication	
	ELEX SEMINAR	
1	1-Φ AC to DC Converters	
2	3- Φ AC to DC Converters	
3	Resonant converters	
4	IGBT & Power MOSFET	
5	SMPS	
6	UPS	
7	SCR & GTO	
8	DC to DC Converters	
9	1-Φ DC to AC Converters	
10	3- Φ DC to AC Converters	
	2010-11	
	Electromagnetic Interference Mathematical Model	
	Electro Magnetic Interference	
	Electro Magnetic Compatibility	
	Sensing The Human Body By Implanted Rfid Tags	
	Mobile Phone Usage (Cancer)	
	Temp. Rise In Human Head And Brain For Protoble Handset At 900 & 1800 Mhz	
	Light Tree	
	Instrusion Detection	
	Biomagnetism	
	Heliodisplay	
	Audio Spotlighting	
	Steganography	
	An Efficient Monitoring Of Substation Using Micro Controller	
	Harmonic In Power Quality Measurement	
	Power Quality Measurement	
	Landmine Detection Using Impulse Ground Penetrating Radar	
	Controller Area Network	
	Multisensor Fusion & Integration	
	Pattern Recognition Using Ann	
	Interactive Voice Respose System	

	Image Authentication Techniques	
	Infrared Touchscreen	
	Space Shuttle Communication With An Diaster Conditon Shuttle Communication	
	Smart Sensor Network	
	Firewall Technology	
	Under Water Target Detection & Classification By Using Sonar Technology	
	Night Vision Tech.	
	Application Of Induction Generators In Non-Conventional Energy System	
	Power Converters For Non-Conventional System	
	Harmonic Filtering In Non-Conventional System	
	Non-Conventional Energy & Sources	
	Non-Conventional Transformer	
	Photovolatic Cell	
	Distributed Generation	
	Power System Analysis Toolbox	
	Future For Solar Thermal Power	
	4G Mobile	
	Optical Switching	
	Finger Print Scanner	
	Satellite Image Classification By Ann	
	Multiple Access Protocol	
	Advance VHDL	
	Spintronics	
	Bluetooth Based Smart Sensor	
	Cryptography	
	Multipal Access System	
	Communication Using Telnet	
	Waveguide Theory	
	Note Tracker	
	E-Money	
	Optical Communication In Space	
	Blue tooth Based Robot for Metal Detection.	
	Implementation Of UMTS In Existing Core GSM Cellular Mobile Network	
	Local Multipoint Distribution Service	
	Dynamic Channel Allocation For W-Lan	
	FPGA PLC Interpretation	
	Communiacion System Automation Control	
	VISAN	

	Image Compression based on multiwavelet	
	Different Method Of Secured FOC	
	Digital Design Of DS-CDMA Transmitter Using FPGA	
	Brain Finger Printing	
	RFID Application	
	Face Recognition On FPGA	
	Residual Control Devices	
	Design Of Quad.PCM Coding With Filter	
	GSM Security Encryption	
	UMTS	
	OSI Reference Model	
	GSM Architecture	
	Wireless Communication	
	Cellonics	
	Light Emitting Polymers	
	Free Space Communication	
	OFDM : A new trend in communication system	
	Magnetic Ram	
	Automatic Number Plate Recognitoin	
	Flouroscent Multilayer Disc	
	IPV-6	
	Virus	
	Bio Informatics	
	Global Positioning System	
	Wearable Bio Sensor	
	Digital Certificate	
	Solar Power Satellite	
	Performance Evaluation of Modulation Scheme for UWB	
	The Thought Translation Machine	
	An ATM With An Eye	
	3G	
	Radiation Based System	
	Space Mouse (3d Mouse)	
	Medical Image Processing	
	Nano Bio Technology	
	Ovonic Unified Memory	
	Cyborg	

	Character Recognition Using Ann	
	Red Tacton	
	Blue Ray Disc	
	Satellite Radio	
	Satellite Image Classification	
	Self Healing Robot	
	Data Logger	
	Embronic Approach Towards IC	
	3-D IC	
	Turbo Coding & De-coding	
	CWDM	
	Artificial Intelligence-For Speech Recognition	
	MEMS	
	Space Recognition Technology	
	VISNAV	
	4G Technology	
	LED Screen	
	Animation Based Embeded System	
	ATM	
	Satellite Transponder	
	Interoperability Of Biometric Sensors	
	Vehicle Application of Controlled Area Network	
	Tracking & Positioning of Mobile System in Telecommunication Network	
	Face Recognition	
	RF Technology	
	Virtual Private Network	
	PLC Scada	
	Networking	
	Generation Of Communication	
	Secure Data Transmission	
	FBG Sensors & Application	
	Frequency Hoping	
	Low Power UART	
	Image Processing	
	DSP (Speech Recognition)	
	DSP And Its Application	
	PLC	

	Wireless Networking	
	Use of Electronics in Agriculture	
	4G In Microprocessor Conving Wireless Network	
	Voice Over Internal Protocol	
	Laser Communication System	
	Optical Computing Tech.	
	Introduction To PDH/SDH	
	Real Time Image Processing	