

Mahatma Gandhi Vidyamandir's
Loknete Vyankatrao Hiray Arts, Science and Commerce College,
Panchavati, Nasik-422003

Department of Electronic Science

E- Content

Subject Teacher Name	Class	Subject	Topic	Link
Mrs. A. R. Kothawade	F. Y. B. Sc.	EL- 111 Basics of Applied Electronics	Syllabus	https://drive.google.com/file/d/1f_vVLrfjAOAMIDNDBbjkgvofoc8D859r/view?usp=sharing
			UNIT 1:Fundamental of Electronics	https://drive.google.com/file/d/1eZzv4t41H1hifNI9D4qYFhtTJHKDBElc/view?usp=sharing
			UNIT 2:Network Theorems	https://drive.google.com/file/d/1oIsinpJZzM5oZTLW5jkV5bnW1b760oo/view?usp=sharing
			UNIT 3:Introduction of Electronic System	https://drive.google.com/file/d/1yDsy-D8sd5bxV7j6TDWePJnuWf0RsE4r/view?usp=sharing
Mrs. J.D. Vispute		EL- 112 Electronic Devices and Circuits	All unit Notes	https://drive.google.com/file/d/15Fc3j4u4Y8SoGAjWurdd45NvvoXnPy6U/view?usp=sharing
Mrs.A.R. Kothawade	S. Y. B. Sc.	EL-232: Digital Circuit Design	Syllabus	https://drive.google.com/file/d/1wFJ91kHGDZsKTuCz_hWD b2Yjmt7EHwUI/view?usp=sharing
			UNIT 1:Logic Families	https://drive.google.com/file/d/1VUo9dHM-YEFKZYQfOHFxOuHkli4JI4dJ/view?usp=sharing
			UNIT 2:Combinational Logic Circuit Design	https://drive.google.com/file/d/1qmLleaTNSMTkxJNrIk9Z_WIKvOt6JWsf/view?usp=sharing
			UNIT 3:Sequential Logic Circuit Design	https://drive.google.com/file/d/1tP6WNh7oU-4HHwcFVVC-AL_IcybZ0iVi/view?usp=sharing

			UNIT 4:Data Converters	https://drive.google.com/file/d/1ah_MpVIRt1xsboZlYGF_zljQ4P54Kb-/view?usp=sharing
Mrs. M. E. Niphade	T. Y. B. Sc.	EL 351: Digital Design using Verilog	Syllabus	https://drive.google.com/file/d/16ALXk68zW4jgO23zgVXV4SS51wVbAwpT/view?usp=sharing
			UNIT 1:Introduction to Verilog	https://drive.google.com/file/d/122c8A7FUZyEYYKvAo0JdV0dY7nu6Cg_T/view?usp=sharing
			UNIT 2:Modeling Styles	https://drive.google.com/file/d/1pxS6HVQvUSCja4BuoahjwVH_NLF0VTdg/view?usp=sharing
			UNIT 3:Logic synthesis with Verilog	https://drive.google.com/file/d/1-J8bxjuSndIOmnJUo7q-t7u5BBPpdYgw/view?usp=sharing
			UNIT 4: Introduction to Programmable Logic Devices	https://drive.google.com/file/d/18khpZhRKxCHbJGgmWLzKYJiKu6BEW1Y1/view?usp=sharing
Mrs. J.D. Vispute	T. Y. B. Sc.	EL 354:Nanoelectronics	Syllabus	https://drive.google.com/file/d/1vX06GWLWNZ45q8WZUCPptyirsvmca8Bi/view?usp=sharing
			REFERENCE BOOK	https://drive.google.com/file/d/1RDqqAeouplz0HhiOpCirZWx-bZXqscw9/view?usp=sharing
			UNIT-1 Introduction to Nanotechnology and Nanoelectronics	https://drive.google.com/file/d/1dK1668ZJzziq3vhy-yiGtPQJ4k2D3KM/view?usp=sharing
			UNIT-2 Electron Transport in Nanostructures	https://drive.google.com/file/d/1xwLOGk_ZxgC5XIj_yu1cfWKruWg6CAXr/view?usp=sharing
			UNIT-3 Characterization of Nanostructures	https://drive.google.com/file/d/1uclr6MvU5OKhYzsdVdnu4ZbHpqd31ZUV/view?usp=sharing
Mrs.A.R.		EL 355: Signals and	Syallbus	https://drive.google.com/file/d/1AWiQhdPNnnxP25gZaNFUcq_BBCA8Bddo/view?usp=sharing

Kothawade	Systems		ing
		Ref.Book :Digital Signal Processing_ John G.Prokis and Dimitris G. Manolakis	https://drive.google.com/file/d/13JDykCSGzK1EsEsj3AFfleKg8pf_E-Tn/view?usp=sharing
		Ref.Book: Digital Signal Processing_ Vinay K.Ingle and John G.Prokis	https://drive.google.com/file/d/141WMZncUcT8c_E-HLVMIKtSUzWg2m-BE/view?usp=sharing
Mrs H. P. Bhadane	Paper-II (EL-352) Microcontroller Architecture and Programming	Unit-I	https://drive.google.com/file/d/1ewpz7diIuUWlwH0a2cNitpKP70go6Idx/view?usp=share_link
		Unit-II	https://drive.google.com/file/d/1ah9kS7iq68RGxi2hU9M52I49UMnjV5Gt/view?usp=share_link https://drive.google.com/file/d/1P7rs3M1ba_TTMMp9LRN_GJJ-tjniMZoM/view?usp=share_link
	Paper-XI (ELSEC-352) Internet of Things and Applications	Unit-I	https://drive.google.com/file/d/1r-6joDYzcxFV7gUxdEEkw9M17kv6hBwy/view?usp=share_link
Dr. A. B. Patil	EL 356(A) :Optics and Fiber Optic Communication	Unit-II	https://docs.google.com/presentation/d/1Fn98kuMuyjViNQFJbEzGk6QSHnK0nOPj/edit?usp=share_link&oid=104038616140414303026&rtpof=true&sd=true
		Syllabus	https://docs.google.com/document/d/1O5mU42F2FXLVTM4GIRFoZkWIYKBbsUYS/edit?usp=sharing&oid=104038616140414303026&rtpof=true&sd=true
		Notes	https://drive.google.com/drive/folders/12mAKSRS8linOgY4b8C3d_oADzMIC9BGQ?usp=sha

				ring
Mrs. M. E. Niphade		ELSEC 351: Electronic Design Automation Tools	Syllabus	https://drive.google.com/file/d/18S25Px0Dq_B6MmQPeq-MyZ8XOYsXclXS/view?usp=sharing
			UNIT 1: Introduction to EDA Tools	https://drive.google.com/file/d/1ZfivREcLWHnTUPxglKjTLerWp5GeyPtf/view?usp=sharing
			UNIT 2: Electronics Designing using LTSPICE/ PSPICE	https://drive.google.com/file/d/1pa1OXr4IKwTfP6Hsd6JaA7sQlW1ippdr/view?usp=sharing
			UNIT 3: Introduction to Multisim/ Circuit Mod	https://drive.google.com/file/d/1bgjGZZQGszGnn6YJZFNkdSAuJzYxsD/view?usp=sharing
			UNIT 4: Introduction to Proteus/ OrCAD	https://drive.google.com/file/d/1X1aPevG7XC2pgBlscjgoOmrlI2iZLVK/view?usp=sharing
Dr. A. B. Patil	M.Sc.-I	ELUT111: Mathematical Methods in Electronics using C	Syllabus, Notes, Ref Books	https://drive.google.com/drive/folders/1cSKhgbln9GLUg3iTYBWK9Z1leH3_7F8I?usp=sharing
Mrs. J.D. Vispute		ELUT112: Analog Circuit Design	Reference Books	https://drive.google.com/drive/folders/1wleF4GHfVvmPU9PLRWN7E6BL9MrxTd-h?usp=sharing
			UNIT 1: Basic Semiconductor Devices	https://drive.google.com/file/d/13MclbidOGXdMg_kp8_gBttSwxTTA1_IK/view?usp=sharing
			UNIT 2: Frequency Response of Amplifiers	https://drive.google.com/file/d/1CpwlCf9axNXoVb_-3jxkeFyScwIXB8MK/view?usp=sharing
Mrs. M. E. Niphade		ELUT113: Digital System Design	Syllabus	https://drive.google.com/file/d/1Z3ME2ryfJDEq4VHAtSb9x6r98Ww4-x4-/view?usp=sharing
	UNIT 1: HDL for Digital System Design		https://drive.google.com/file/d/1kI5An5aeP5UJJ9TjdcCN2ItA	

				elJc6H-c/view?usp=sharing
			UNIT 2: Combinational Logic	https://drive.google.com/file/d/1GHxnA3DUiF_u9ZOA8GsVX8QswI0BMQRs/view?usp=sharing
			UNIT 3: Sequential Logic Design and Circuits	https://drive.google.com/file/d/1ndcWsCKQJyfMKLpGkLBh2w5DC6Qb6g_W/view?usp=sharing
			UNIT 4: PLDs and Memories	https://drive.google.com/file/d/1CRleaG6zVlb8z11KRnA4XO3NAEpOT85C/view?usp=sharing
Mrs H. P. Bhadane		(ELUT114) Fundamentals & Applications of PIC μ C	Unit-I&II	https://drive.google.com/file/d/1Ke3UjGuxC34IDXr6qN6_6Avk8iSkePNr/view?usp=share_link
			Unit-II	https://drive.google.com/file/d/1v89saMI93tEkd77nNgO4HO7ANapF0iqn/view?usp=share_link
Mrs H. P. Bhadane	SM.Sc.-II	(ELT234) Fundamentals of Internet of Things	Unit-I	https://docs.google.com/presentation/d/1N94p2o6Xk6JPx1cAHicjo34B_zaaomCG/edit?usp=share_link&oid=104038616140414303026&rtpof=true&sd=true
			Unit-II	https://drive.google.com/file/d/1LQtKR24WJWfW6YBmy2Bz1nB6I5fYOtI4/view?usp=share_link https://drive.google.com/file/d/1DhoVVkRMwxcZ83DO7NQRt9PeJa0s38Cf/view?usp=share_link
Mrs. M. E. Niphade		ELT231: Advanced communication systems	Syllabus	https://drive.google.com/file/d/1C3UWXw_otkLz9KYSzjn6gcwu9LLFCuW5/view?usp=sharing
			UNIT 1: CW communication system	https://drive.google.com/file/d/1uT0wBo0iLQF5iImzh9KjQrWA_nHC7q2m/view?usp=sharing
			UNIT 2: Pulse Communication	https://drive.google.com/file/d/1tAs5N3CAe1sGDc8Ksru80lg

			systems	SJvtYKpwN/view?usp=sharing
			UNIT 3: Radio wave propagation and Antennas	https://drive.google.com/file/d/1MWKZUJfCOw4FEVoisqBSH7GDFaZsShMT/view?usp=sharing
			UNIT 4: Communication Technologies	https://drive.google.com/file/d/1hOF1EWy7EeNWL05HRWoF_0Nm4IZ-U1LJ/view?usp=sharing
Mrs. J.D. Vispute		ELT232: Mechatronics and robotics	Syllabus	https://drive.google.com/file/d/1si3KJAmfkq7FHGivhK2OOKeIftL5Ygq1/view?usp=sharing
			Reference Book	https://drive.google.com/drive/folders/1MLZ1idB40XK2c2rFjcMkrOwRwR8B12pb?usp=sharing
			UNIT 1: Introduction	https://drive.google.com/file/d/1MMBtirFQnx9pN9GfTj4Wr9YqG5-EeWZd/view?usp=sharing
			Unit 2: Systems, responses and transformations	https://drive.google.com/file/d/1z-A3U9obmt85-HYREqR2jgK-vjfbgspQ/view?usp=sharing
			UNIT 3: Mechanical and electrical actuation systems	https://drive.google.com/file/d/1EW7UASWPtETgFnGt65y59mKSPkxyloVL/view?usp=sharing
			UNIT 4: Dynamics and Robot Control	https://drive.google.com/file/d/104wNyaqDIGdCzF03AeP5LKW4GHO1ixCs/view?usp=sharing
Mrs.A.R. Kothawade		ELT233: Control systems	Syllabus	https://drive.google.com/file/d/1F95_SdUwD6K75Asg6BIeJsnkiI9zcSZi/view?usp=sharing
			Control System	https://drive.google.com/file/d/1Rui7DTo-dlisncAbLkyPMINYhYL-Zehg/view?usp=sharing

Name of the Teacher	Class	Subject	Topic	Link
Mrs. M. E. Niphade		EL 361: Modern Communication Systems	Syllabus	https://drive.google.com/file/d/1tACwGD1Z_6nhFZbbJCsCnKGJisScJbTO/view?usp=sharing
			Unit 1: Basics of Digital Communication	https://drive.google.com/file/d/1ctGup1d6ZevwL_YEU2eGvUPo-hZc9Fom/view?usp=sharing
			Unit 2: Digital Modulation	https://drive.google.com/file/d/1zCnLAteo1xxicSZL7pLZ_Gr h7h96Jz9i/view?usp=sharing
			Unit 3: Mobile and Cellular Communication	https://drive.google.com/file/d/1uhfr-6Ue03DnVb2rAe7V8YsHSB8jIa1p/view?usp=sharing
Mrs. M. E. Niphade	T. Y. B. Sc.	ELSEC 361: Design and Fabrication of PCB	Syllabus	https://drive.google.com/file/d/1VEKHJv_O2e56ULmBjQI_v21uZbGpLPGb/view?usp=sharing
			Unit 1: PCB Fundamentals	https://drive.google.com/file/d/1qz3cLz7xKhuvdDVdM6J2brNtDmQE_aXw/view?usp=sharing
			Reference Book for Unit 4: PCB Layout Design	https://drive.google.com/file/d/1qz3cLz7xKhuvdDVdM6J2brNtDmQE_aXw/view?usp=sharing
Mrs H. P. Bhadane		Paper-II (EL-362) Embedded System Design using Microcontrollers	Unit-I	https://drive.google.com/file/d/1UXGzfV3Lr35B6LucSAun-ZLRv23VeXox/view?usp=share_link
			Unit-II	https://drive.google.com/file/d/11BpcXGp82aYAvbZRzHEbz96Mfh9x5Jd/view?usp=share_link
		Paper-XI (ELSEC-362) Mobile Application Development		https://drive.google.com/file/d/1pHqNtDbtizFgg03L_4TFw6d-YYGX---z/view?usp=share_link
Mrs H. P. Bhadane	M.Sc.-I	LUT124) Fundamentals and applications of	Unit-I	https://drive.google.com/file/d/1JkX1WwYSc3cuGM01YxbTncEu4as3bm8Y/view?usp=share_link

		AVR Microcontroller		e link
			Unit-II	https://drive.google.com/file/d/1qgTEZW8jdlxnEH8uUmnkWVwpLrEToaDY/view?usp=share_link
Mrs. M. E. Niphade		ELUT123: Foundation of Semiconductor Devices	Syllabus	https://drive.google.com/file/d/1GURmQU0-kzyZ84dprHd0_Srwv-Euw9gG/view?usp=sharing
			Unit-1: Theory of Solids	https://drive.google.com/file/d/1qDbTzpGN05gfkFVn95DPPLD5oQV6wXUP/view?usp=sharing https://drive.google.com/file/d/1T9BQYchIb6vDOFWiGY6QU-JVHh0JYTq/view?usp=sharing
			Unit 2: Introduction to Quantum and Statistical Mechanics	https://drive.google.com/file/d/1MdyvTc43cxBxnNq4pTzlo2yQ_xJlq1M6/view?usp=sharing
			Basics of Semiconductor	https://drive.google.com/file/d/1qDbTzpGN05gfkFVn95DPPLD5oQV6wXUP/view?usp=sharing
			Reference for Unit 3 and Unit-4	https://drive.google.com/file/d/1Up1njUUCcPWIkASMuoP32O89QP2sUT95/view?usp=sharing
Mrs. M. E. Niphade		ELUP125: Practical Course 4	Practical Sheets	https://drive.google.com/file/d/1BwJ1bnrG_OtxkrJrHpDD6cOk8IiZGsoG/view?usp=sharing
Mrs. M. E. Niphade	M.Sc.-II	ELT243: Technical writing	Syllabus	https://drive.google.com/file/d/1HrAdhz9dbnkL--qjT_6Eg5R6pL69kxMd/view?usp=sharing
			Unit – 3 Technical Presentations	https://drive.google.com/file/d/1ci_a_WN2w8N3Wk5vNBDut92crFPTScXQ/view?usp=sharing
Mrs H. P. Bhadane		(ELT243) Technical writing	Unit-4	https://drive.google.com/file/d/1CUaUgFkes1ihZTbqwCOPiEZ-O91WXGER/view?usp=share_link

Google Classroom Link (UG)

Name of the Teacher	Google Classroom	Semester	Class code	Link
Mrs. M. E. Niphade	F. Y. B. Sc. (2020-21)	I	3whdqqq	https://classroom.google.com/c/MTk3OTc2MDAzMTYw?cjc=3whdqqq
Mrs. A. R. Kothawade	F. Y. B. Sc.	I&II	vnyjek2	https://classroom.google.com/c/NDIxNTY3ODgxODIz?cjc=vnyjek2
Mrs. J. D. Vispute	(2021-22)	I&II	vnyjek2	https://classroom.google.com/c/NDIxNTY3ODgxODIz?cjc=vnyjek2
Prof. A. B. Patil	F. Y. B. Sc. (2021-22)	I&II	qjcg7vz	https://classroom.google.com/c/NDQyODYxODI2MTIw?cjc=qjcg7vz
Dr. U. P. Shinde	S. Y. B. Sc. (2021-22)	III& IV	jpgwbbk	https://classroom.google.com/c/NDEzOTI3OTEwNTg0?cjc=jpgwbbk
Mrs. A. R. Kothawade	T. Y. B. Sc (2021-22)	III& IV	jpgwbbk	https://classroom.google.com/c/NDEzOTI3OTEwNTg0?cjc=jpgwbbk
Mrs. J. D. Vispute	S. Y. B. Sc (2021-22)	III& IV	jpgwbbk	https://classroom.google.com/c/NDEzOTI3OTEwNTg0?cjc=jpgwbbk
Mrs. A. R. Kothawade	T. Y. B. Sc. (2021-22)	V & VI	azpsvnf	https://classroom.google.com/c/NDA4MDU4MDA3MTcz?cjc=azpsvnf
Mrs. J. D. Vispute	T. Y. B. Sc. (2021-22)	V & VI	azpsvnf	https://classroom.google.com/c/NDA4MDU4MDA3MTcz?cjc=azpsvnf
Dr. U. P. Shinde	T. Y. B. Sc. (2021-22)	V & VI	azpsvnf	https://classroom.google.com/c/NDA4MDU4MDA3MTcz?cjc=azpsvnf
Prof. A. B. Patil	T. Y. B. Sc. (2021-22)	V & VI	drtzpzz	https://classroom.google.com/c/NDQyODU5NzQwMjg2?cjc=drtzpzz
Mrs. M. E. Niphade	T. Y. B. Sc. (2021-22)	V & VI	azpsvnf	https://classroom.google.com/c/NDA4MDU4MDA3MTcz?cjc=azpsvnf
Mrs. M. E. Niphade	T. Y. B. Sc. (2022-23)	V & VI	6irxmzz	https://classroom.google.com/c/NTAxNDY0NTY1NjU3?cjc=6irxmzz
Mrs H. P. Bhadane	S. Y.B.Sc. (2020-21)	IV	3jmtbaq	https://classroom.google.com/c/MzQzNzk3OTcyNzkw?cjc=3jmtbaq

Mrs H. P. Bhadane	T. Y. B. Sc. (2020-21)	V & VI	hvs3jqg	https://classroom.google.com/c/MzQ0NDgzODQ1MTUw?cjc=hvs3jqg
Mrs H. P. Bhadane	T. Y. B. Sc. (2021-22)	V & VI	azpsvnf	https://classroom.google.com/c/NDA4MDU4MDA3MTcz?cjc=azpsvnf
Mrs H. P. Bhadane	T. Y. B. Sc. (2022-23)	V & VI	6irxmzz	https://classroom.google.com/c/NTAxNDY0NTY1NjU3?cjc=6irxmzz

Google Classroom Link (PG)

Name of the Teacher	Google Classroom	Semester	Class code	Link
Mrs. J. D. Vispute	M. Sc. I	I&II	cflvp2u	https://classroom.google.com/c/NDEzOTAwODczMTU3?cjc=cflvp2u
Mrs. J. D. Vispute	M.Sc. II	III& IV	6emfbye	https://classroom.google.com/c/NDEzOTMwOTE1Njc4?cjc=6emfbye
Prof. A. B. Patil	N. Sc. I	I&II	ummasan	https://classroom.google.com/c/NDQyODYxMjI3MzA2?cjc=ummasan
Prof. A. B. Pati	M.Sc. II	III& IV	nfxzuqw	https://classroom.google.com/c/NDQyODYxMzE0NTcw?cjc=nfxzuqw
Mrs. A. R. Kothawade	M.Sc. II	III& IV	6emfbye	https://classroom.google.com/c/NDEzOTMwOTE1Njc4?cjc=6emfbye
Mrs. M. E. Niphade	M. Sc.- I (2020-21)	I	q67xyjz	https://classroom.google.com/c/MjY1Mzc0OTI4ODE0?cjc=q67xyjz
Mrs. M. E. Niphade	M. Sc.- II (2020-21)	III	4q63qkx	https://classroom.google.com/c/MTI2NDM2NDQ3ODEy?cjc=4q63qkx
Mrs. M. E. Niphade	M. Sc.- I (2021-22)	I & II	cflvp2u	https://classroom.google.com/c/NDEzOTAwODczMTU3?cjc=cflvp2u
Mrs. M. E. Niphade	M. Sc.- II (2021-22)	III & IV	6emfbye	https://classroom.google.com/c/NDEzOTMwOTE1Njc4?cjc=6emfbye
Mrs. M. E. Niphade	M. Sc.- I (2022-23)	I & II	rrkkhp3	https://classroom.google.com/c/NTQ4NzczODgxODMx?cjc=rrkkhp3
Mrs. M. E. Niphade	M. Sc.- II (2022-23)	III & IV	ybam2at	https://classroom.google.com/c/NTAxNDYyMjI3NTg0?cjc=ybam2at
Mrs H. P. Bhadane	M. Sc.- I (2020-21)	II	3wad6zy	https://classroom.google.com/c/MzQ3MDM2NTk5OTc0?cjc=3wad6zy
Mrs H. P. Bhadane	M. Sc.- II (2020-21)	II	bu2fhuk	https://classroom.google.com/c/NDAYNzEzMjQ3MjE3?cjc=bu2fhuk
Mrs H. P. Bhadane	M. Sc.- I (2021-22)	I&II	cflvp2u	https://classroom.google.com/c/NDEzOTAwODczMTU3?cjc=cflvp2u
Mrs H. P. Bhadane	M. Sc.- II (2021-22)	III&IV	6emfbye	https://classroom.google.com/c/NDEzOTMwOTE1Njc4?cjc=6emfbye
Mrs H. P. Bhadane	M. Sc.- I (2022-23)	I&II	rrkkhp3	https://classroom.google.com/c/NTQ4NzczODgxODMx?cjc=rrkkhp3
Mrs H. P. Bhadane	M. Sc.- II (2022-23)	III&IV	ybam2at	https://classroom.google.com/c/NTAxNDYyMjI3NTg0?cjc=ybam2at