



Vasundhara Bahuddeshiya Samajik Sanstha's
SIDDHIVINAYAK TECHNICAL CAMPUS

Shegaon-Khamgaon Road, Shegaon, Pin: 444203, Maharashtra, India



Criteria 2- Teaching- Learning and Evaluation

Key Indicator- 2.2 Catering to Student Diversity

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
30	LCD Projector	15	01(Seminar hall)	Virtual Lab
	Smart Board			Demonstration
	Website			Download videos for demonstration
	microsoft Power Point presentation			Sharing of Notes and study material
	Moodles			NPTEL Video Lectures
	You Tube			College Website
	Swayam			Animations
	Wired Network (LAN)			e-books
	Wireless Network (Wi-Fi-)			Scanned Notes
	Internet Connectivity			GATE-Tutor
	Computers			Science Direct(e- Journal)
	Course Work CDs			IEEE
	Google Docs			Online test
	Google sheets			Online feedback
	Google Maps			Scanned University Papers
	Google drive			Google Sites
	Google form			Google classroom
Google quiz	Internate Connectivity			
Whatsapp				



[Signature]
Principal
Siddhivinayak Technical Campus
Shegaon 444203 (M. S.)



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Criteria 2- Teaching- Learning and Evaluation
Key Indicator- 2.2 Catering to Student Diversity

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Department of Civil Engineering				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Prof. D. G. Wankhede	Surveying and Geometrics	NPTEL	https://nptel.ac.in/courses/105/107/105107121/
			Youtube Videos	https://www.youtube.com/watch?v=gx3sJOMN6gQ&list=PLOzrLH8gDdTaej5IIGKIATUWh0AuI9zgW
		Structural Analysis-II	Google Classroom	https://classroom.google.com/c/NTU2ODc0ODA3MDYx
			Youtube Videos	https://www.youtube.com/watch?v=WCv90gU-sfo&list=PLWc88r3mkR-X-Fkbyv0xKJ38a_mHZNgsr
		Surveying	NPTEL	https://nptel.ac.in/courses/105/106/105106050/
			NPTEL	https://nptel.ac.in/courses/105/104/105104101/
		Introduction to Earthquake Engineering	Youtube Videos	https://www.youtube.com/watch?v=1TdkNBw42fw&list=PL_Neuu4K0N4RII46kkR9Z0goY2tFUFNeA
			NPTEL	https://www.youtube.com/watch?v=PNJvFTwA1jQ&list=PLgMDNELGJ1CYUg39ngts4kxqt4A7T8VbX
		Concrete Technology and RCC	Youtube Videos	https://www.youtube.com/watch?v=MCRX1KXQZBU&list=PL48SKuieCUq81ON0aHlaWiQB8Tu7W0N0D
			NPTEL Videos	https://archive.nptel.ac.in/courses/105/102/105102012/
Google Classroom	https://www.youtube.com/results?search_query=concrete+technology+lectures https://classroom.google.com/c/NTA5MzU1NTI0Mjkw?cjc=cugucg			

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
2	Prof.A.B.Adhao	Basics of Building Construction	Youtube Videos	https://www.youtube.com/results?search_query=Building+constructionlectures+
			Google Classroom	https://classroom.google.com/c/NTAyNzI4NDYxNDY1?cjc=d4u4s7t
		Structural Analysis-I	Youtube Videos	https://www.youtube.com/results?search_query=Structural+Analysis-I+lectures
			NPTEL Videos	chive.nptel.ac.in/courses/105/105/105105166/
		Environment Engineering-I	NPTEL Videos	https://archive.nptel.ac.in/courses/105/105/105105201/
			Youtube Videos	https://www.youtube.com/results?search_query=Envrinment+Engineering+lectures
			Google Classroom	https://classroom.google.com/c/NTE2MjgyNTAzNDky?cjc=m66lvuf
Professional Erlective-V(Construction Equipment	Google Classroom	https://classroom.google.com/c/NTE2MjgzMTI4ODE0?cjc=so5twtq		
3	Prof.V.R.Borde	Building Construction & Engineering Geology	NPTEL	https://archive.nptel.ac.in/courses/105/102/105102088/
			Google Classroom	https://classroom.google.com/c/NTA5NDM4OTg3OTEz?cjc=3holja4
			Youtube Videos	https://www.youtube.com/watch?v=PFuRZNEL4bU
		Building Planning Designing & CAD	Youtube Videos	https://www.youtube.com/playlist?list=PL5S3o0bbDTuJle7LYSD2YZG7pdt98JnFL
			NPTEL	https://nptel.ac.in/courses/112104031
		Design of reinforced & prestressed concrete structure	NPTEL	https://archive.nptel.ac.in/courses/105/105/105105105/
			Google Classroom	https://classroom.google.com/c/NTcxOTcxNDcxMTYw?cjc=dbj2y6j
			Youtube Videos	https://www.youtube.com/watch?v=ba3mZhOpsTM
		Design of steel structure	NPTEL	https://archive.nptel.ac.in/courses/105/105/105105162/
			Google Classroom	https://classroom.google.com/c/NDgxOTEwMDM1OTgz?cjc=kl dhyb5
			Youtube Videos	https://www.youtube.com/watch?v=mtRR-5fzKo8

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
		Hydraulic Engineering	NPTel	https://archive.nptel.ac.in/courses/105/105/105105203/
			Youtube Videos	https://www.youtube.com/watch?v=8vmTYmt0Y8Q
		Construction Project Management	NPTel	https://archive.nptel.ac.in/courses/105/104/105104161/
			Google Classroom	https://classroom.google.com/c/NTE3NDU4Nzk0MzMw?cjc=m7vpjd
			Youtube Videos	https://www.youtube.com/watch?v=Refq4_f8XsQ
4	Prof.V.I.Chavan	Strength of Material	NPTel	https://nptel.ac.in/courses/105/105/105105108/
			Youtube Videos	https://www.youtube.com/channel/UCNqjUT43Y2kt-OC71URYX-w
		Geotechnical Engineering-II	NPTel	https://nptel.ac.in/courses/105/105/105105185/
			Youtube Videos	https://www.youtube.com/watch?v=fGdf_7hUD0o&list=PLgzL8klq6DIItVXUMDXs0lsqy3S9j8gkK
		Water Power Engineering	NPTel	https://nptel.ac.in/courses/112107291
			Youtube Videos	https://www.youtube.com/results?search_query=water+power+engineering+lectures
		Fluid Mechanics	NPTel	https://archive.nptel.ac.in/courses/112/105/112105171/
			Youtube Videos	https://www.youtube.com/watch?v=fa0zHI6nLUo&list=PLbMVogVj5nJTZJHsH6uLCO00I-ffGyBEm
		Construction Economics and Estimating and Costing	NPTel	https://nptel.ac.in/courses/105103093
			Youtube Videos	https://www.youtube.com/results?search_query=Estimating+and+costing+lectures
		Geotechnical Engineering-I	Youtube Videos	https://www.youtube.com/results?search_query=geotechnical+engineering+lectures
			NPTel	https://nptel.ac.in/courses/105101084
		Transportation Engineering	NPTel	https://nptel.ac.in/courses/105101087
			Youtube Videos	https://www.youtube.com/results?search_query=transportation+engineering
		Hydrology and water resource Engineering	NPTel	https://archive.nptel.ac.in/courses/105/105/105105110/
			Youtube Videos	https://www.youtube.com/results?search_query=hydrology+and+water+resources+engineering

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
5	Prof.S.D.Tayade	Professional Elective-I (Highway Construction and Management)	NPTEL	https://nptel.ac.in/courses/105101087
			Youtube Videos	https://www.youtube.com/results?search_query=highway+construction+and+management
		Professional-II (Advanced Construction Materials)	NPTEL	https://archive.nptel.ac.in/courses/105/106/105106053/
			NPTEL	https://archive.nptel.ac.in/courses/105/105/105105178/
		Professional-IV (Advanced Water Treatment)	Youtube Videos	https://www.youtube.com/results?search_query=advanced+water+treatment
			NPTEL	https://archive.nptel.ac.in/courses/105/106/105106119/
Environment Engineering-II	NPTEL	https://archive.nptel.ac.in/courses/105/106/105106119/		
	Youtube Videos	https://www.youtube.com/results?search_query=environmental+engineering-II		
Department of Mechanical Engineering				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Prof. N. G. Metange	Fluid Mechanics	NPTEL	https://nptel.ac.in/courses/112104118
			Youtube Videos	https://www.youtube.com/watch?v=KJKKYjJyBDc&list=PLF_7kfnwLFCHXd4k2jaPkHOBMzzGCq7t0
		Heat Transfer	NPTEL	https://nptel.ac.in/courses/103105140
			Youtube Videos	https://www.youtube.com/watch?v=auwdtriyTs https://www.youtube.com/watch?v=sieo7oZGsWQ&list=PLNyPK_sfNdSTiAczWmvY3tq33yWh_IHL2
		Hydraulics & Pneumatics	Youtube Videos	https://www.youtube.com/watch?v=LTaDBI265Mg
			NPTEL	https://archive.nptel.ac.in/courses/112/106/112106300/
Refrigeration & Air Conditioning	NPTEL	https://www.youtube.com/watch?v=wtjMOsNyDJ0&list=PLiSPNzs4fD9vcoPSEtF4nO7rfRYxpFatL		
		Mechanics of Material	NPTEL Videos	https://nptel.ac.in/courses/105106172
			Youtube Videos	https://www.youtube.com/watch?v=Y8tXHk3irqE https://www.youtube.com/watch?v=wjB9rccGUEI
			NPTEL Videos	https://archive.nptel.ac.in/courses/112/104/112104121/

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2	Prof. A. R. Bhalekar	Kinematics of Machine	Youtube Videos	https://www.youtube.com/watch?v=aqcFhk0jgMA&list=PL9RcWogXmzaKlY_V5x74DJjogb_ZwiVpv
		Industrial Managemanet & Costing	NPTEL Videos	https://nptel.ac.in/courses/112107142
			Youtube Videos	https://www.youtube.com/watch?v=vMgh-NVtYzA&list=PLfV9acqjqQ8_XVFdxGXWzIzKRB7j4cDoe
		Material Science	NPTEL Videos	https://nptel.ac.in/courses/113102080
			Youtube Videos	https://www.youtube.com/watch?v=KMcsjCXfLQw&list=PLyAZSyX8Qy5Am_2StOOQ5vCUE3VlcAenE
		Design of Machine Elements	NPTEL Videos	https://nptel.ac.in/courses/112105125
			Youtube Videos	https://www.youtube.com/watch?v=hYGEBQphtkw&list=PLiSPNzs4fD9s131_cBI_G4DLkG-GrinLb
		Operational Research techniques	NPTEL Videos	https://nptel.ac.in/courses/110106062
Youtube Videos	https://www.youtube.com/watch?v=84HOL_EiJ4M&list=PLLtQL9wSL16ioUvHckGCkoWq_ClvyUI0p			
3	Prof. R. P. Gajbe	Manufacturing Processes	NPTEL	https://nptel.ac.in/courses/112107219
			Youtube Videos	https://www.youtube.com/watch?v=YftQGPTMUYs&list=PL-JvKqQx2Atd59aCxARxsGtx62TtTy3iN
		Energy Conversion-II	NPTEL	https://nptel.ac.in/courses/112103262
			Youtube Videos	https://www.youtube.com/watch?v=zcWkEKNvqCA
		Manufacturing technology	NPTEL	https://nptel.ac.in/courses/112104195
			Youtube Videos	https://www.youtube.com/watch?v=YJ-Qe6tbpmw&list=PLg9TnucUbzBXOYwQb8piU7JLa6_CxDSA_D
		Dynamics of Machines	NPTEL	https://nptel.ac.in/courses/112107212
			Youtube Videos	https://www.youtube.com/watch?v=oLM6uCNlihA&list=PLelAq9xzEDXCpJbs5K6kN9LyA9TDHiLed
Automobile Engineering	NPTEL	https://nptel.ac.in/courses/107106088		
	Youtube Videos	https://www.youtube.com/watch?v=x5oGxwJZf2Q&list=PLelAq9xzEDXBaKqVv4IwbdBLKwgYK4GRR		

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4	Prof. V. S. Patil	Automation Engineering	NPTTEL	https://nptel.ac.in/courses/108105063
			Youtube Videos	https://www.youtube.com/watch?v=2YqbRdr6A5Q
		Metrology and quality control	NPTTEL	https://nptel.ac.in/courses/112106179
			Youtube Videos	https://www.youtube.com/watch?v=M5LntTDiKBQ
5	Prof. A. G. Mahale	Engineering Thermodynamic	NPTTEL	https://nptel.ac.in/courses/101104063
			Youtube Videos	youtube.com/watch?v=dnjRX4j3fOU
		Energy Conversion-I	NPTTEL	https://nptel.ac.in/courses/115103123
			Youtube Videos	https://www.youtube.com/watch?v=-JNzCwBSb-w&list=PLy0B7DXYew_qARTgahQXS-MrFqjZWE4VZ
		Measurement System	NPTTEL	www.digimat.in/nptel/courses/video/112107242/L05.html
			Youtube Videos	https://www.youtube.com/watch?v=vrqV-O_gagg
		Non-Conventional Energy Sources	NPTTEL	https://nptel.ac.in/courses/121106014
			Youtube Videos	https://www.youtube.com/watch?v=GRwJqD4StEU
		Industrial Management & Costing	NPTTEL	https://nptel.ac.in/courses/112107142
			Youtube Videos	https://www.youtube.com/watch?v=vMgh-NVtYzA&list=PLfV9acqjqQ8_XVFdxGXWzLZKRB7j4cDoe
		I C Engine	NPTTEL	https://nptel.ac.in/courses/112103262
			Youtube Videos	https://www.youtube.com/watch?v=aaopC0Dftbo
Department of Electrical Engineering				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Dr A G Kulkarni	Digital Signal Processing	NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105055/
			Youtube Videos	https://www.youtube.com/results?search_query=dsp
		Distributed Automation	NPTTEL	https://scholar.google.co.in/scholar?q=distributed+automation+nptel&hl=en&as_sdt=0&as_vis=1&oi=scholart
			Youtube Videos	https://www.youtube.com/results?search_query=distributed+automation
		Energy Resources and	NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105058/

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2	Prof R S Bihade	Energy Resources and Generation	Youtube Videos	https://www.youtube.com/watch?v=Do9PzvxOrWE&list=PLcWcvGXrBFerV7f9oyuuX9RabYUuanGrK
		Electrical Energy Distribution Utilization	NPTel	https://onlinecourses.nptel.ac.in/noc19_ee61/preview
			Youtube Videos	https://www.youtube.com/watch?v=nMT7MzmG5ZA&list=PLs5_Rtf2P2r7JiPm-TDQ75WYxzMgqm_jk
Power Quality	NPTel	https://onlinecourses.nptel.ac.in/noc21_ee103/preview		
	Youtube Videos	https://www.youtube.com/watch?v=19eIVIVBrfE&list=PLp6ek2hDcoNBczPs_OoWYh4Siixdm20wQ		
3	Prof A R Joshi	Basic Electrical Drives and Control	NPTel	https://archive.nptel.ac.in/courses/108/104/108104140/
			Youtube Videos	https://www.youtube.com/watch?v=QaLGo0R0SYU&list=PLm_MSCIsnwm-PnOi8cwarGQqZS2m5bfXT
		High Voltage Engineering	NPTel Videos	https://archive.nptel.ac.in/courses/108/104/108104048/
			Youtube Videos	https://www.youtube.com/watch?v=B-8J65gRm0&list=PLwymdQ84KI-yYkfuc1NB5WCtekWoCkzZ
		Computer Aided Electrical Machine Design	NPTel	https://nptel.ac.in/courses/112104031
			Youtube Videos	https://www.youtube.com/watch?v=xZO6TvqwDkc&list=PLs5wVztqsOxDM166DYsCTcd5q6txmIBHk
		Power Supply System	NPTel	https://onlinecourses.nptel.ac.in/noc19_ee61/preview
			Youtube Videos	https://www.youtube.com/watch?v=iZxqxJiAjkk
		Power System I	NPTel Videos	https://archive.nptel.ac.in/courses/108/105/108105104/
			Youtube Videos	https://www.youtube.com/watch?v=zeSEFsR-jZA&list=PLs5_Rtf2P2r5tl_TgUqApSbUX720qkBTL
		Entrepreneurship and project management	NPTel	https://archive.nptel.ac.in/courses/110/106/110106141/
			Youtube Videos	https://www.youtube.com/watch?v=UAdC4zdeGOQ&list=PLcWcvGXrBFerS55_jfILyiT2KPHAFjcpC1
Control System	NPTel	https://archive.nptel.ac.in/courses/107/106/107106081/		
	Youtube Videos	https://www.youtube.com/watch?v=HcLYoCmWOjI&list=PLBl_nK6fEYqRhqzJT87LsdQKYZBC93ezDo		

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
4	Prof K P Kankale	Industrial electrical system	Youtube Videos	https://www.youtube.com/watch?v=EJMM9y5Ju6E&list=PLCdK_eZ_jOCSV0W5HpP9D90Iz2_DLb5UE
			NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105062/
		Power System Protection	Youtube Videos	https://www.youtube.com/watch?v=QsGn7H_14VY&list=PLLy_2iUCG87BIJ6ZliVIRCx2Cr9_fJMB
			NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105167/
		Electrical Machine I	NPTTEL	https://onlinecourses.nptel.ac.in/noc20_ee60/preview
			Youtube Videos	https://www.youtube.com/watch?v=QYdN5lhAGYE&list=PLm_MSClsnwm9oAnWtCO34xBMT_96N2aVM
		Signals and Systems	Youtube Videos	https://www.youtube.com/watch?v=s8rsR_TStaA&list=PLBlnK6fEygRhG6s3jYIU48CqsT5cyiDTO
			NPTTEL	https://onlinecourses.nptel.ac.in/noc21_ee28/preview
		Wind and Solar System	Youtube Videos	https://www.youtube.com/watch?v=igoh5pGeIJU
			NPTTEL	https://onlinecourses.nptel.ac.in/noc22_ch27/preview
5	Prof B B Bhambere	Electrical Measurement and Instrumentation	Youtube Videos	https://www.youtube.com/watch?v=xLjk5DrScEU&list=PLt5syt71JKf3yk9h0mWg6vCNn1Jmb72JJ
			NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105153/
		Computer Methods in Power System Analysis	NPTTEL	https://archive.nptel.ac.in/courses/108/107/108107127/
			Youtube Videos	https://www.youtube.com/watch?v=_uoy5YV8C_8&list=PLbSEVsipX-JRnyo8DjliPGVP3FbTB06Ap
		Electrical Circuit Analysis	Youtube Videos	https://www.youtube.com/watch?v=4c9xBqMGG6Y&list=PLobCs6YYCdjTaL822K8GSQyZ3aGB_6Y6
			NPTTEL	https://archive.nptel.ac.in/courses/117/106/117106108/
		Electrical Machine II	NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105131/
			Youtube Videos	https://www.youtube.com/watch?v=EOeE0gCy9_s&list=PLjeoGB0E4uLDkvLzPKwCWDx_Z6Wicav8c
		Power System II	NPTTEL	https://archive.nptel.ac.in/courses/108/105/108105104/
			Youtube Videos	https://www.youtube.com/watch?v=NfnrupJ0BwY&list=PL_4gtF0NI0ya7LWg9p2FLnQhdBDETS9dN
		Electronics devices and	NPTTEL	https://onlinecourses.nptel.ac.in/noc21_ee80/preview

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6	Prof P A Wange	Electronics devices and circuit	Youtube Videos	https://www.youtube.com/watch?v=WakRmT_WSKY&list=PLs5_Rtf2P2r6Uf9XoWV0CFaurW2OwJQE7
		Microprocessor and Microcontroller	NPTEL Videos	https://onlinecourses.nptel.ac.in/noc22_ee12/preview
			Youtube Videos	https://www.youtube.com/watch?v=6R7JDkpG1Wk&list=PLrjkTq13jnm8HbdMwBYIMAd3UdstWChFH
		Analog and Digital Communication	NPTEL	https://onlinecourses.nptel.ac.in/noc21_ee74/preview
			Youtube Videos	https://www.youtube.com/watch?v=qhjj6WG7Rgc&list=PLwjK_iyK4LLArUHRm3SvPLT0XWIVhpl4h
		Power Electronics	NPTEL Videos	https://nptel.ac.in/courses/108105066
			Youtube Videos	https://www.youtube.com/watch?v=Z9KeHF-qL84&list=PLgwJf8NK-2e5Hnu82T1CYLZ8kbZs4Jx8x
		Electromagnetic Field	NPTEL Videos	https://archive.nptel.ac.in/courses/108/106/108106073/
Youtube Videos	https://www.youtube.com/watch?v=viJZvx1U2AU			
7	Prof B R Mohod	Engineering Mathematics III	NPTEL	https://archive.nptel.ac.in/courses/111/105/111105121/
			Youtube Videos	https://www.youtube.com/watch?v=pjIXV0t7XS0&list=PLjmKbIQrIDamly11CfAJIuk_E6t4qD23C
8	Prof A B Adhao	Basic Building Construction	NPTEL	https://archive.nptel.ac.in/courses/105/106/105106206/
			Youtube Videos	https://www.youtube.com/watch?v=mcJSh3cwjaU
9	Prof S P Gotmare	Numerical methods and optimization technique	NPTEL	https://archive.nptel.ac.in/courses/106/108/106108056/
			Youtube Videos	https://www.youtube.com/watch?v=84HOL_EiJ4M&list=PLLtQL9wSL16ioUvHckGCkoWq_ClvyUI0p
10	Prof A J Wankhade	Environmental study	NPTEL	https://onlinecourses.nptel.ac.in/noc23_hs155/preview
			Youtube Videos	https://www.youtube.com/watch?v=aSuALrOyiWg
11	Prof V S Patil	Automobile engineering and Electric Vehicle	NPTEL	https://onlinecourses.nptel.ac.in/noc22_ee53/preview
			Youtube Videos	https://www.youtube.com/watch?v=tJfERzrG-D8
Department of Electronics and Telecommunication Engineering				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
			NPTEL Videos	https://www.digimat.in/nptel/courses/video/109104032/L01.html

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Prof. Abhishek Narkhede	Values and Ethics (HS)	NPTEL Video	https://www.youtube.com/watch?v=EVWcuFXeSgk&list=PLbR MhDVUMngdL7ofhT7uH9_XBk4-2qsIL
			You Tube Videos	https://www.youtube.com/watch?v=cEafd0uu-uk https://www.youtube.com/watch?v=4zAyDnta28w
		Microwave Theory and Techniques	NPTEL Video	https://nptel.ac.in/courses/108101112/26
				https://nptel.ac.in/courses/108101112/39
				https://nptel.ac.in/courses/108101112/49 https://nptel.ac.in/courses/108101112/54
		You Tube Videos	https://www.youtube.com/watch?v=yPpreB0_6cA https://www.youtube.com/watch?v=p827vMMNuDY&list=PLg wJf8NK-2e6A4Mtxud6xPHE1UecxWshw&index=42	
			Google Classroom	https://classroom.google.com/c/MjcyMDc4OTg4OTBa
		Object Oriented Programming (ES)	You Tube Videos	https://www.youtube.com/watch?v=BSVKUk58K6U&list=PL9g nSGHSqeno1G3XjUbwzXHL8_EttOuKk
Cryptography & Network security	You Tube Videos	https://www.youtube.com/watch?v=JoeiLuFNbc4		
2	Prof. Jayesh Kokate	Communication Network	You Tube Videos	https://www.youtube.com/watch?v=I8JvM5ROB7c&list=PLV8v IYTIdSnYgxRYBC7bIHavUGFHUXLns https://youtu.be/nkSebRJ0cG0
			Google Classroom	https://classroom.google.com/c/NDY2MDYyNTYzMDY5
		Digital System Design	NPTEL	http://www.nptelvideos.in/2012/12/digital-circuits-and-systems.html
				http://www.nptelvideos.com/course.php?id=562 http://web.iitd.ac.in/~shouri/eel201/lectures.php
				https://www.youtube.com/watch?v=QBc3jptFdro https://www.youtube.com/watch?v=0Maaa6gcXpw https://www.youtube.com/watch?v=pxKLeIjzxAk https://www.youtube.com/watch?v=eoTHiu7zIz0
		Analog Circuits	Youtube	https://www.youtube.com/watch?v=QBc3jptFdro https://www.youtube.com/watch?v=0Maaa6gcXpw https://www.youtube.com/watch?v=pxKLeIjzxAk https://www.youtube.com/watch?v=eoTHiu7zIz0

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
			Google Classroom	https://classroom.google.com/c/NDc4NTU2NTgwNzc4
		Bio-medical Electronics	Youtube	https://www.youtube.com/watch?v=Qq3t01LytkU&list=PLnsf_0i_t0FC4EdRdhLwjQgp5cYytJ5Oe
		Power Electronics	Youtube	https://youtu.be/gIzATDhurAo https://youtu.be/s0msudaHgiw https://youtu.be/l60p4G7Bdi0
			Google Classroom	https://classroom.google.com/c/Mzk3Nzg5ODYxODM1
3	Prof. Harshavardhan Patil	Electronic Devices & Circuits	NPTEL, Youtube	https://nptel.ac.in/courses/115102014/22
				https://nptel.ac.in/courses/115102014/24
				https://nptel.ac.in/courses/117103063/24
				https://www.youtube.com/watch?time_continue=629&v=xaL1N6BMid4
		Economics for Engineers (HS)	Youtube	https://www.youtube.com/watch?v=FMMW8dMgx5s&list=PLLtWVVE-awYiQ2bMaacJKHphlc3RniAov
			NPTEL	https://nptel.ac.in/courses/112107209
		Control System	Youtube	https://www.youtube.com/watch?v=QJNAZ86rKlk
				https://www.youtube.com/watch?v=okpIcaAvxRM
				https://www.youtube.com/watch?v=3Y0KOZB9Bwg
				https://www.youtube.com/watch?v=BgaTRpitlGY
https://www.youtube.com/watch?v=o3bRqh4IIICA				
NPTEL	https://www.youtube.com/watch?v=xAdocbk-Nds https://onlinecourses.nptel.ac.in/noc20_ee90/preview			
5G-6G Mobile Communication	Youtube	https://www.youtube.com/watch?v=2npTuUHi78w		
Project Management and Entrepreneurship	Youtube	https://www.youtube.com/watch?v=UAdC4zdeGOQ&list=PLcWcvGXrBFes55_jfILyiT2KPHAFjcpC1		
Network Theory	YouTube Videos	https://www.youtube.com/watch?v=YIsGDYVM6RA https://www.youtube.com/watch?v=0FAktPLbXOA		

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL	
		Network Theory	You Tube Videos	https://www.youtube.com/watch?v=S0GsrzjVkd4	
				https://www.youtube.com/watch?v=8udwPc5pCoA	
4	Prof. S. A. Jumle	Satellite Communication	Youtube	https://www.youtube.com/watch?v=574wDQ46ujQ	
				https://www.youtube.com/watch?v=yYBGW0v_brc	
				https://www.youtube.com/watch?v=VfKpqFKOccE	
				https://www.youtube.com/watch?v=nmcL8SVUrNA	
				https://nptel.ac.in/courses/117101056/17	
		Electromagnetic Field	NPTEL, You Tube Videos	https://nptel.ac.in/courses/117101056/19	
				https://nptel.ac.in/courses/117101056/18	
				https://nptel.ac.in/courses/117101056/20	
		Digital Signal Processing	NPTEL	https://nptel.ac.in/courses/117102060/	
				IITK	https://freevideolectures.com/course/2339/digital-signal-processing-iitkharagpur/
Mobile Communication and		Youtube	https://www.youtube.com/watch?v=gU49jUvxW00&list=PLm		
Signal & System	NPTEL, You Tube Videos	https://nptel.ac.in/courses/108104100/1			
		https://nptel.ac.in/courses/108104100/3			
		https://nptel.ac.in/courses/108104100/53			
Microcontroller	NPTEL	https://nptel.ac.in/courses/108105102/23			
		https://nptel.ac.in/courses/Webcourse-contents/IIT-KANPUR/microcontrollers/micro/ui/TOC.htm			
		https://freevideolectures.com/course/3018/microprocessors-and-microcontrollers/2			
5	Prof. Akash Katole	Digital Image Processing	NPTEL	https://nptel.ac.in/courses/117105079/	
				IITK	https://freevideolectures.com/course/2316/digital-image-processing-iit-kharagpur
		Antenna and Propagation		Youtube	https://www.youtube.com/watch?v=l0xJ4phXRb4&list=PLgwJf8NK-2e7tzLIDL4aXUbtRFY3ykmkT
		Computer Architecture	NPTEL	https://www.digimat.in/nptel/courses/video/106105163/L01.html	
https://www.youtube.com/watch?v=wj6HoSvFszU&list=PL59E5B57A04EAE09C&index=8					

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
		Analog and Digital Communication	Youtube	https://www.youtube.com/watch?v=qhjj6WG7Rgc&list=PLwjKiyK4LLArUHRm3SvPLT0XWIVhpl4h
				https://www.youtube.com/watch?v=vzkLq0tcmhw
				https://www.youtube.com/watch?v=01zv0thaAUw
6	Prof. B. R. Mohod	Engineering Mathematics-III	NPTEL, You Tube Videos	https://www.youtube.com/watch?v=1FnBPmEWpus&list=PL562D06BCD5F9B956&index=2
7	Prof. A. B. Adhao	Basic Building Construction (OE-I)	NPTEL, You Tube Videos	https://www.youtube.com/watch?v=wOyQBvFM1eo&list=PLyqSpQzTE6M_RfjEQMK7_L-UvxAMhplUT
8	Prof. A. G. Wankhade	Environmental Science	NPTEL	https://nptel.ac.in/courses/127105018
Department of Computer Science and Engineering				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Prof. Y.G.Katole	Analog & Digital Electronics	NPTEL	https://www.youtube.com/watch?v=zVZ9c6EXfTA&list=PL1BFC82F3A63B4172
			Youtube Videos	https://www.youtube.com/watch?v=U-a0cBONYDQ&list=PLk7ptZcI9vmh5Jc-3Au30U2Z59-Z4fsR2
		Embedded System	NPTEL	https://archive.nptel.ac.in/courses/106/105/106105193/
			Youtube Videos	https://www.youtube.com/watch?v=y9RAhEfLfJs
		Image Processing	NPTEL	https://archive.nptel.ac.in/courses/117/105/117105135/
			Youtube Videos	https://www.youtube.com/watch?v=xUCsfKA8bi0
		Microprocessor & Assembly Language Programming	NPTEL	https://nptel.ac.in/courses/108103157
			Youtube Videos	https://www.youtube.com/watch?v=CklHFU2UMoY
		Sensors and Actuators	youtube Videos	https://www.youtube.com/watch?v=r_Job1rEbT0
		Multimedia Computing	NPTEL	https://www.youtube.com/watch?v=KHGXigA8Jko
Youtube Videos	https://www.youtube.com/watch?v=9PT3qLdsdWo			
		Object Oriented Programming	NPTEL	https://archive.nptel.ac.in/courses/106/105/106105151/
			Youtube Videos	https://www.youtube.com/watch?v=bSrm9RXwBaI

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
2	Prof. P. D. Pande	Database Management System	NPTL	https://archive.nptel.ac.in/courses/106/105/106105175/
			Youtube Videos	https://www.youtube.com/watch?v=EUzsy3W4I0g
		NMCP	NPTL	http://digimat.in/nptel/courses/video/106105151/L01.html
			Youtube Videos	https://www.youtube.com/watch?v=S47aSEqm_0I
		Artificial Intelligence	NPTEL	http://www.digimat.in/nptel/courses/video/106105079/L04.html
			Youtube Videos	https://www.youtube.com/watch?v=XCPZBD9IbVo
Professional Ethics & Management	NPTL	https://www.digimat.in/nptel/courses/video/110105079/L28.html		
	Youtube Videos	https://www.youtube.com/watch?v=8dLqGLKr3t8		
3	Prof. S. V. Rathod	Data Structures	NPTL	https://www.digimat.in/nptel/courses/video/106102064/L30.html
			Youtube Videos	https://www.youtube.com/watch?v=zWg7U0OEAoE
		Introduction to Cyber Security	NPTL	https://nptel.ac.in/courses/106106141
			Youtube Videos	https://www.youtube.com/watch?v=z5nc9MDbvkW
		Social Science and Engineering Economics	NPTL	https://archive.nptel.ac.in/courses/112/107/112107209/
			Youtube Videos	https://www.youtube.com/watch?v=CHTsUn5fWOA
		Theory of Computation	NPTL	https://archive.nptel.ac.in/courses/106/104/106104028/
			Youtube Videos	https://www.youtube.com/watch?v=aHnB4Y1Cahg
		Design & Analysis of Algorithm	NPTL	https://archive.nptel.ac.in/courses/106/101/106101060/
			Youtube Videos	https://www.youtube.com/watch?v=3udyFh_Dbbc
Object Oriented Analysis Design	NPTL	https://www.digimat.in/nptel/courses/video/106105153/L10.html		
	Youtube Videos	https://www.youtube.com/watch?v=qiyMyYqZVY		
Computer Programming	NPTL	https://www.digimat.in/nptel/courses/video/106104128/L01.html		
	Youtube Videos	https://www.youtube.com/watch?v=zOjov-2OZ0E		

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
4	Prof. K. R. Karale	Data Communication And Networking	NPTel	https://digimat.in/nptel/courses/video/106105183/L01.html
			Youtube Videos	https://www.youtube.com/watch?v=mYWslbszYQ
		Software Engineering	NPTel	https://onlinecourses.nptel.ac.in/noc20_cs68/preview
			Youtube Videos	https://www.youtube.com/watch?v=b7hmU72GRaE
		Compiler Design	NPTel	https://archive.nptel.ac.in/courses/106/108/106108113/
			Youtube Videos	https://www.youtube.com/watch?v=5ZmFlxrNaN8
		Computer Graphics	NPTel	https://archive.nptel.ac.in/courses/106/106/106106090/
	Youtube Videos	https://www.youtube.com/watch?v=fwzYuhduME4		
5	Prof. C. G. Salampuria	Discrete Structure and Graph Theory	NPTel	https://archive.nptel.ac.in/courses/111/106/111106086/
			Youtube Videos	https://www.youtube.com/watch?v=OIGvWnihwhg
		Computer Architecture & Organization	NPTel	https://archive.nptel.ac.in/courses/106/105/106105163/
			Youtube Videos	https://www.youtube.com/watch?v=L9X7XXfHYdU
		Cloud Computing	NPTel	https://onlinecourses.nptel.ac.in/noc21_cs14/preview
	Youtube Videos	https://www.simplilearn.com/tutorials/cloud-computing-tutorial/what-is-cloud-computing		
6	Dr. Prof. S. A. Chavan	Operating System	NPTel	https://onlinecourses.nptel.ac.in/noc20_cs04/preview
			Youtube Videos	https://www.youtube.com/watch?v=qt8KfuNTzWs
		Virtual & Augmented Reality	NPTel	https://archive.nptel.ac.in/courses/121/106/121106013/
			Youtube Videos	https://www.youtube.com/watch?v=04AMaTsXFJU
Department of Applied Science and Humanites				
Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
1	Prof. S. P. Gotmare	Engineering Mathematics-I	NPTel	https://archive.nptel.ac.in/courses/111/104/111104092/
			Youtube Videos	https://www.youtube.com/watch?v=4QFsiXfgbzM&list=PLbRMhDVUMngeVrxtbBz-n8HvP8KAWBpI5
			NPTel	https://archive.nptel.ac.in/courses/115/105/115105099/

Sr. No.	Name of Faculty	Subject	ICT Tools	Link/URL
2	Prof. D. R. Sarnaik	Engineering Physics	Youtube Videos	https://www.youtube.com/watch?v=Sj8dl9h7MKA&list=PL0vb mKf7BZLPYukj_HEwJZmCxEPPOod
3	Prof. A. S. Bal	Engineering Mechanics	NPTel	https://archive.nptel.ac.in/courses/112/106/112106286/
			Youtube Videos	https://www.youtube.com/watch?v=5f36-BZCe9g&list=PL9RcWoqXmzaIp3_6Gd6wwAwMtenRhGrJw
4	Prof. S. A. Chavan	Computer Programming	NPTel	https://archive.nptel.ac.in/courses/106/105/106105214/
			Youtube Videos	https://www.youtube.com/watch?v=EjavYOFoJJ0&list=PLdo5W4Nhv31a8UcMN9-35ghv8qyFWD9_S
5	Prof. S. P. Gotmare	Engineering Mathematics-II	NPTel	https://archive.nptel.ac.in/courses/111/108/111108157/
			Youtube Videos	https://www.youtube.com/watch?v=RtuNwdHDEAw&list=PLK S7ZMKnbPrT-Gy4k0r8jAr0mX2K32yyV
6	Prof. P. R. Tipale	Engineering Chemistry	NPTel	https://nptel.ac.in/courses/105107207
			Youtube Videos	https://www.youtube.com/watch?v=W8xrUEetpZQ&list=PLHW PZclu1Ix Ciz5uO63gTWP_g_oE8Ydnp
7	Prof. B. B. Bhambere	Basic Electrical Engineering	NPTel	https://www.nptelvideos.com/electrical_engineering/
			Youtube Videos	https://www.youtube.com/watch?v=IZA_bJiGiJc&list=PL_mruq jnuVd8LP2z0c4yBwKAGEiEW_Si9
8	Prof. A. S. Bal	Engineering Graphics	NPTel	https://archive.nptel.ac.in/courses/112/105/112105294/
			Youtube Videos	https://www.youtube.com/watch?v=rp3swbAYZJU&list=PLDN 15nk5uLiBDV2tAMDIR1snIX8WdTVYR




[Handwritten Signature]
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Link for webpage describing the ICT enabled tools for effective teaching-learning process are as follows:

Sr. No.	Description	Link for webpage
1	Media Center & Recording	http://stc.org.in/web/showdetails1.aspx?id=1151
2	Question Bank	http://stc.org.in/web/showdetails1.aspx?id=131
3	Smart Class Room Details	http://stc.org.in/web/showdetails1.aspx?id=33
4	About VLAB	http://stc.org.in/web/showdetails1.aspx?id=1170




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