



Shri Someshwar Shikshan Prasarak Mandal's
**Sharadchandra Pawar College of Engineering &
Technology,**

Someshwarnagar Tal – Baramati, Dist – Pune 412 306
(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra
& Affiliated to Savitribai Phule Pune University, Id.no.PU/PN.Engg./445/2012)
+91-2112-283185 * Fax : (02112) 283185
Web : www.secsomeshwar.ac.in *Email: sspm1972@gmail.com

2.3.2: Teachers use ICT enabled tools for effective teaching— learning process




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Sharadchandra Pawar College of Engineering & Technology
Someshwarnagar, Tal. Baramati, Dist. Pune (Pin : 412 306)



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**Sharadchandra Pawar College of Engineering &
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Civil Engineering (sem-1)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1	S.E.	Building Technology and Architectural Planning	Prof. S.B.Itape	https://www.youtube.com/watch?v=fcSv9Wln2A
2		Mechanics of structure	Prof. C.V.Naik	https://www.youtube.com/watch?v=QKI-oarp-SQ
3		Fluid Mechanics	Prof. K.M.Jagtap	https://www.youtube.com/watch?v=5uchaktUPhs
4		Engineering Mathematics III	Prof. Kadam S.S.	https://www.youtube.com/watch?v=Xw1w1gz7iz
5		Engineering Geology	Prof. K.S.Atkari	https://www.youtube.com/watch?v=0Yk-6KKr5c&t=12s
6	T.E.	Hydrology and Water Resources Engineering	Prof. S.B.Itape	https://www.youtube.com/watch?v=Pncxk4u-Bok&list=PLQ7DoB4sWUkTpVBasipB46z14owbB6iMc
7		Water Supply Engineering	Prof. J.M.Khatal	https://www.youtube.com/watch?v=IViOyvoG2o
8		Design of Steel Structures	Prof. D.B.Kate	https://www.youtube.com/watch?v=plHXj3Psd4c
9		Engineering Economics and Financial Management	Prof. K.M.Jagtap	https://www.youtube.com/watch?v=M3nRU20L7s4
10	B.E.	Foundation Engineering	Prof. J.M.Khatal	https://nptel.ac.in/courses/105105176
11		Transportation Engineering	Prof. S.M.Patil	https://www.youtube.com/watch?v=suTYuikwA
12		Integrated Water Supply	Prof.D. B. Kate	https://www.youtube.com/watch?v=zE3umbtbsw
13		Air Pollution and Control	Prof. S.M.Patil	https://www.youtube.com/watch?v=d8lle27DMdE
14		Application of Python in Civil Engineering	Prof. C.V.Naik	https://www.youtube.com/watch?v=OmjuvEkCj0&list=PLH2y9r1OITUda2KcyDBVHdVkoMwaNixB

Civil Engineering (sem-2)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1	S.E.	Building Technology and Architectural Planning	Prof. S.B.Itape	https://www.youtube.com/watch?v=fcSv9Wln2A
2		Mechanics of structure	Prof. C.V.Naik	https://www.youtube.com/watch?v=QKI-oarp-SQ
3		Fluid Mechanics	Prof. K.M.Jagtap	https://www.youtube.com/watch?v=5uchaktUPhs
4		Engineering Mathematics III	Prof. Kadam S.S.	https://www.youtube.com/watch?v=Xw1w1gz7iz
5		Engineering Geology	Prof. K.S.Atkari	https://www.youtube.com/watch?v=0Yk-6KKr5c&t=12s
6	T.E.	Hydrology and Water Resources Engineering	Prof. S.B.Itape	https://www.youtube.com/watch?v=Pncxk4u-Bok&list=PLQ7DoB4sWUkTpVBasipB46z14owbB6iMc
7		Water Supply Engineering	Prof. J.M.Khatal	https://www.youtube.com/watch?v=IViOyvoG2o
8		Design of Steel Structures	Prof. D.B.Kate	https://www.youtube.com/watch?v=plHXj3Psd4c
9		Engineering Economics and Financial Management	Prof. K.M.Jagtap	https://www.youtube.com/watch?v=M3nRU20L7s4
10	B.E.	Foundation Engineering	Prof. J.M.Khatal	https://nptel.ac.in/courses/105105176
11		Transportation Engineering	Prof. S.M.Patil	https://www.youtube.com/watch?v=suTYuikwA
12		Integrated Water Supply	Prof.D. B. Kate	https://www.youtube.com/watch?v=zE3umbtbsw
13		Air Pollution and Control	Prof. S.M.Patil	https://www.youtube.com/watch?v=d8lle27DMdE
14		Application of Python in Civil Engineering	Prof. C.V.Naik	https://www.youtube.com/watch?v=OmjuvEkCj0&list=PLH2y9r1OITUda2KcyDBVHdVkoMwaNixB



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Electrical Engineering (sem-1)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1		Engg Mathematics - III	Prof.Kadam S.S.	https://www.youtube.com/watch?v=fWD0boAFim
2		Power Generation Technology	Prof.Jarande N.S.	https://www.youtube.com/watch?v=20Vb6h1Ose
3		Analog & Digital Electronics	Prof.Shinde.P.S.	https://www.youtube.com/watch?v=kOck5xf6YQ
4	S.E.	Electrical Measurement & Instrumentation	Prof.Shinde.P.S.	https://www.youtube.com/watch?v=KJ5D5cEU
5		Material Science	Prof.Bhise S.S.	https://www.youtube.com/watch?v=mQ5sz-5VYQ&list=PLveOHQXne1otBbDqB65IRV_1BaAZe_g8&index=2
6		Industrial Technology & Management	Prof.Gawade.P.D	https://www.youtube.com/watch?v=2YJcE154A
7		Power Electronics	Prof.Jarande.N.S.	https://www.youtube.com/watch?v=PH5D5mAwQ
8	T.E.	EIDCBM	Prof.Bhosale.A.C.	https://www.youtube.com/watch?v=rft3uQc2N0
9		Advanced Microcontroller & Embedded System	Prof.Shinde.P.S.	https://www.youtube.com/watch?v=DJ3QPai-4k
10		Electrical Machine II	Prof.Gadhawe G.G.	https://www.youtube.com/watch?v=LVI53jH3U&list=PL8Y7Lx2rR0aJPC9Nkquq3bh45RmHJNw
11		PSOC-Power system	Prof. Bhise S.S	https://www.youtube.com/watch?v=T2gHmVjWds
12		EL-I –PK & Scada	Prof.Sorate .S.B.	https://www.youtube.com/watch?v=wgYRathhXY
13	B.E.	Advanced Control system	Prof.Bhosale.A.C.	https://www.youtube.com/watch?v=bim79-UcNNO&list=PLbMVogV5nJTNkhkCEKQhPQr2bpS3za
14		EL-II Electric & Hybrid Vehicles	Prof.Gadhawe G.G.	https://www.youtube.com/watch?v=AqGphrDrVd8
15		Moocs	Prof.Gadhawe G.G.	https://www.bing.com/videos/search?view=detail&q=mooc+electrical+engineering&&mid=

Electrical Engineering (sem-2)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1		PS-1-Power System-1	Prof.Changan D.D.	https://www.bing.com/videos/search?view=detail&q=PS-1-Power+System-
2		Electrical Machine-1	Prof.Gadhawe G.G.	https://www.bing.com/videos/search?view=detail&q=Electrical+Machine-
3		NA-Network Analysis	Prof. Bhise S.S	https://www.bing.com/videos/search?view=detail&q
4	S.E.	NMCP-Numerical Methods& Computer Programming	Prof.Sakat A.C.	https://www.youtube.com/watch?v=5gDfFqo13a
5		FMA- Fundamental of Microcontroller & Applications	Prof.Sorate .S.B.	https://www.bing.com/videos/search?view=detail&q=FMA-+Fundamental+of+Microcontroller
6		PS II –Power System-II	Prof.Bhosale.A.C	https://www.bing.com/videos/search?view=detail&q=PS+II+Power+System-II
7		CAD & EM –Computer Aided Design of Electrical Machine	Prof. Bhise S.S	https://www.bing.com/videos/search?view=detail&q=CAD+EM+Computer+Aided+Design
8	T.E.	CSE –Control System Engineering	Prof.Gawade .P.D	https://www.bing.com/videos/search?view=detail&q=Control+System+Engineering
9		EM-Electrical Mobality	Prof.Shinde.P.S	https://www.bing.com/videos/search?view=detail&q=Electrical+Mobality+unipune+electrical+engineering+
10		SGP-Switchgear & Protection	Prof.Changan D.D.	https://www.bing.com/videos/search?view=detail&q=SGP
11		AEDC-Advanced Electrical Drives & Control	Prof.Gawade.P.D	https://www.bing.com/videos/search?view=detail&q=Advanced+Electrical+Drives+%26+Control
12	B.E.	SG-Smart Grid	Prof.Bhosale.A.C	https://www.bing.com/videos/search?view=detail&q=SGSmart+Grid+unipune+electrical+engineering+syllabus&
13		EHVAC-EHV AC Transmission	Prof.Sakat A.C	https://www.bing.com/videos/search?view=detail&q=EHVAC



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Mechanical Engineering (sem-1)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1	S.E.	Solid Mechanics	Prof. Bhagat .S.N	https://www.youtube.com/watch?v=uZjvubSUu4
3		Solid Modeling and Drafting	Prof. Wavare Anol	https://www.youtube.com/watch?v=ufveB9jSAw
4		Engineering Thermodynamics	Prof. Rajguru P.G.	https://www.youtube.com/watch?v=XyQ9P4eKn6E
5		Engineering Materials and Metallurgy	Prof. Pondkule S.M	https://www.youtube.com/watch?v=5nBBUahtr-c&list=PLyAZ5vX8Qv5C8ciq8Blypbx9114nowUbl
6	T.E.	Electrical and Electronics Engineering	Prof. Sakat A.C.	https://www.youtube.com/watch?v=Pd754n5ir_E
7		Machining Science & Technology	Prof. Bhagat .S.N	https://www.bing.com/videos/search?q=%20Machining%20Science%20&view=detail&mid
8		Mechatronics	Prof. Sorate S.	https://www.youtube.com/watch?v=EJE6t55pMw
9		Numerical and Stastical Method	Prof. Jagatap .S.	https://www.youtube.com/watch?v=VF5VzpbGbl0&list=PLWHnEHRNV9m52Wp3GMHrwMj3pGxqJl
10	B.E.	Heat And Mass Transfer	Prof. Dhane V.S.	https://www.youtube.com/watch?v=sieo7oZGsWQ&list=PLNvPK_sfnD5tAczWmvY3ta33vWh_IHL2
11		Design of Machine Element	Prof. Pondkule S.M	https://www.youtube.com/watch?v=rRW-mNUPxA
12		Dynamics of Machinery	Prof. Dhane V.S.	https://www.bing.com/videos/search?view=detail
13		Turbomachinery	Prof. Dhane V.S.	https://www.youtube.com/watch?v=0_IQLn5ZnQ
14		Heating ventilation Air -Conditioning and Refrigeration	Prof. Rajguru P.G.	https://www.youtube.com/watch?v=4mWwRUR0A7A&list=PLEaHqdeEVu6rgimtDFGveCFMPlp1q-TQ&index=2
		EL-III Industrial Engineering	Prof. Pondkule S.M.	https://www.bing.com/videos/search?view=detail
		EL-IV Additive Manufacturing	Prof. Bhagat .S.N.	https://www.bing.com/videos/search?view=detail

Mechanical Engineering (sem-2)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1	S.E.	Engineering Mathematics	Prof Khomane V.A.	https://www.bing.com/videos/search?view=detail&q=Engineering+Mathematics
2		Kinematics of Machinery	Prof. Pondkule S.M.	https://www.bing.com/videos/search
3		Applied Thermodynamics	Prof. Bamankar P.B.	https://www.youtube.com/watch?v=9aurfa7H96A
4		Fluid Mechanics	Prof. Dhane V.S.	https://www.bing.com/videos/search?view=detail&q=Fluid+Mechanics
5	T.E.	Manufacturing Processes	Prof. Bamankar P.B.	https://www.bing.com/videos/search?view=detail&q=Manufacturing
6		Artificial Intelligence & Machine Learning	Prof. Pondkule S.M.	https://www.bing.com/videos/search?
7		Computer Aided Engineering	Prof. Bamankar P.B.	https://www.bing.com/videos/search
8		Design of Transmission System	Prof. Dhane V.S.	https://www.bing.com/videos/search
9	B.E.	EIE II –Composite Material	Prof. Bhagat .S.N.	https://www.bing.com/videos/search?view=detail&q=Composite+Material
10		Computer Integrated Manufacturing	Prof. Pondkule S.M.	https://www.bing.com/videos/search?view=detail&q=Computer+Integrated+Manufacturing
11		Energy Engineering	Prof. Dhane V.S.	https://www.bing.com/videos/search?view=detail&q=energy+engineering
12		ELE V – Energy Audit & Management	Prof. Bhagat .S.N.	https://www.bing.com/videos/search?view=detail&q=%e2%80%93Energy+Audit+%26+Management+ecture
13		ELE VI- Electrical & Hybrid Vehicle	Prof. Gawade S.R.	https://www.youtube.com/watch?v=Et3q86CwLQ



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Computer Engineering (sem-1)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1		Discrete Mathematics	Prof Gaikwad A.A	https://www.bing.com/videos/search?view=detail&q=Discrete+Mathematics
2		Fundamental of Data Structure	Prof Fambane V.B	https://www.bing.com/videos/search?view=detail&q=Fundamental+of+Data+Structure
3		Object Oriented Programming	Prof Bhakerao A.B	https://www.bing.com/videos/search?view=detail&q=Object+Oriented+Programming
4	S.E.	Computer Graphics	Prof Faware S.S.	https://www.bing.com/videos/search?view=detail&q=Computer+Graphics+lecture
5		Digital Electronics & Logic Design	Prof Bhapkar A.D	https://www.bing.com/videos/search?view=detail&q=Digital+Electronics+%26+Logic+Design
6		Database Management System	Prof Kokare S.A.	https://www.bing.com/videos/search?view=detail&q=Database+Management+System
7		Theory of Computation	Prof Shah S.N.	https://www.bing.com/videos/search?view=detail&q=Theory+of+Computation
8	T.E.	System of Programming and OS	Prof Jagtap A.Y.	https://www.bing.com/videos/search?view=detail&q=System+of+Programming+and+OS
9		Computer Network & Security	Prof Ghadge S.V.	https://www.bing.com/videos/search?view=detail&q=Computer+Network+%26+Security
		Internet of Things & Embedded System	Prof Bhapkar A.D.	https://www.bing.com/videos/search?view=detail&q=Internet+of+Things+%26+Embedded+System+lecture
10		Design & Analysis Of Algorithms	Prof Ghadge S.V.	https://www.bing.com/videos/search?view=detail&q=Design+%26+Analysis+Of+Algorithms+lecture
11		Machine Learning	Prof Pawar S.D.	https://www.bing.com/videos/search?view=detail&q=Machine+Learning+lecture+unipune
12	B.E.	Block chain Technology	Prof Ghadge S.S.	https://www.bing.com/videos/search?view=detail&q=Block+chain+Technology+lecture+unipune
13		Object Oriented Modeling & Design	Prof Shah S.N.	https://www.bing.com/videos/search?view=detail&q=Object+Oriented+Modeling+%26+Design
14				

Computer Engineering (sem-2)

SR NO	CLASS	SUBJECT	NAME OF FACULTY	ICT TOOLS
1		Engineering Mathematics III	Prof Gaikwad A.A.	https://www.bing.com/videos/search?view=detail&q=Engineering+Mathematics+III
2		Data structures & Algorithms	Prof Bhakerao A.B.	https://www.bing.com/videos/search?view=detail&q=Data+structures+%26+Algorithms+lecture
3	S.E.	Software Engineering	Prof Bhapkar A.D.	https://www.bing.com/videos/search?view=detail&q=software+engineering+lecture
4		Microprocessor	Prof Ngade R.R.	https://www.bing.com/videos/search?view=detail&q=Microprocessor+lecture
5		Principles of Programming Language	Prof Kokare S.A.	https://www.bing.com/videos/search?view=detail&q=Principles+of+Programming+Language+lecture
6		Data Science & Bigdata Analytics	Prof Shendkar N.S.	https://www.bing.com/videos/search?view=detail&q=Data+Science+%26+Bigdata+Analytics+lecture
7		Web Technology	Prof Ghadge S.V.	https://www.bing.com/videos/search?view=detail&q=Web+Technology+lecture
8	T.E.	Artificial Intelligence	Prof Shah S.N.	https://www.bing.com/videos/search?view=detail&q=Artificial+Intelligence
9		Software Modelling & Architectures	Prof Kokare S.A.	https://www.bing.com/videos/search?view=detail&q=Software+Modelling+%26+Architectures
10		High Performance Computing	Prof Bhapkar A.D.	https://www.bing.com/videos/search?view=detail&q=High+Performance+Computing
11		Deep Learning	Prof Shendkar N.S.	https://www.bing.com/videos/search?view=detail&q=deep+learning+course+npTEL
12	B.E.	Natural Language Processing	Prof Kokare S.A.	https://www.bing.com/videos/search?q=natural%20language%20processing%20course&view
13		Business Intelligence	Prof Shah S.N.	https://www.bing.com/videos/search?view=detail&q=Business+Intelligence+course



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List of class rooms with ICT facility

Sr. No.	Room No.	Floor/Location	Teaching Aids Available
1	B 117	Basement	Wi-Fi, LCD Projector, LAN
2	B 118	Basement	Wi-Fi, LCD Projector, LAN
3	B 312	First Floor	Wi-Fi, LCD Projector
4	B 316	First Floor	Wi-Fi, LCD Projector




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Geo Tagged Photos of Classrooms with ICT facility




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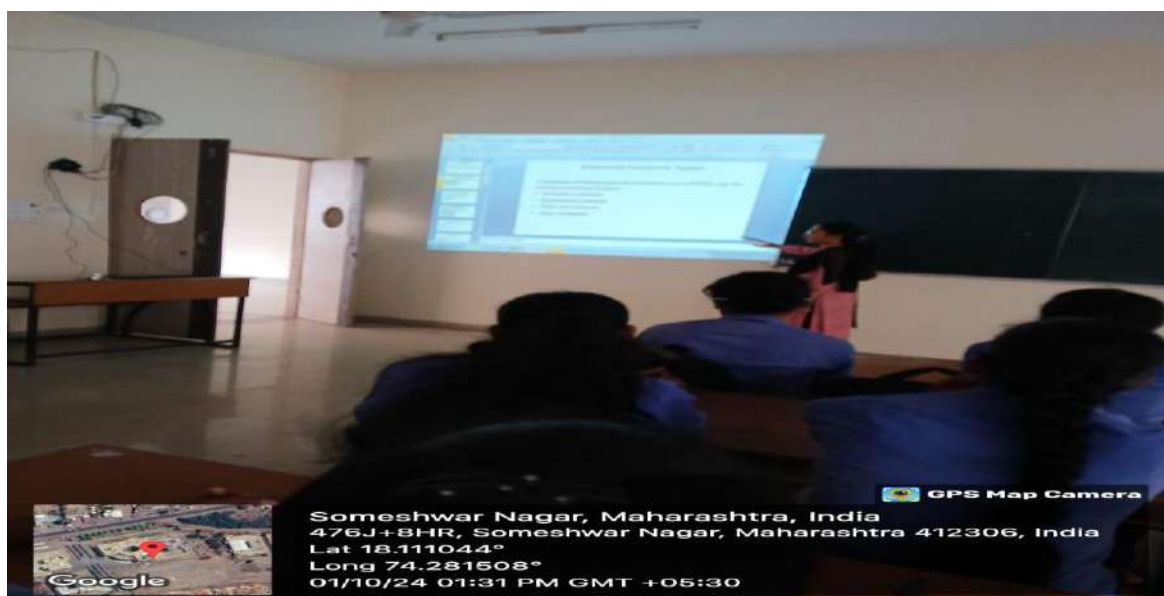



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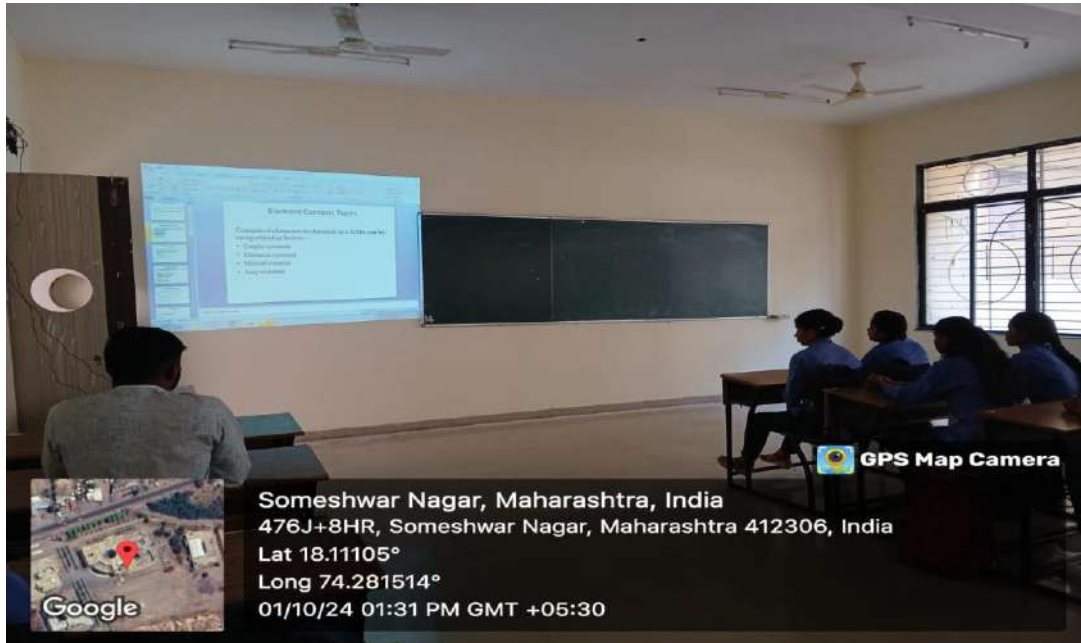



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