

Innovative Teaching Pedagogy (2024-25)

Semester-I

Table B.5.5: Innovative Teaching Pedagogy (2024-25) Sem I

Sr. No.	Name of Faculty	Class	Course	Method Adopted	Medium
1.	Mr. G.D. Ingale	SE	Engineering Mathematic III	1. Mathematical Modeling 2. NPTEL videon on transforms 3. Mathematical surfaces	1. Classroom teaching 2. https://nptel.ac.in/courses/111/106/111106139/ 3. SCILAB
2.	Mrs.S.K. Kandekar	SE	Engineering Mathematic III	1. Mathematical Modeling 2. NPTEL videon on transforms 3. Mathematical surfaces	1. Classroom teaching 2. https://nptel.ac.in/courses/111/106/111106139/ 3. SCILAB
3.	Er.R.S. Satpute	SE	Electronic Circuit	PPT, Video Lecture	1.Classroom teaching with Intractive Pannel Borad (Smart Borad)
4.	Er.M. A. Maid	SE	Electronic Circuit	1.Chalk And Talk, 2. Brainstorm Question 3. Answer Sessions 4. PPT Technical Quiz And 5. Group Discussion Among Students	1.Classroom Teaching With Chalk And Board, 2.Power Point Presentation, 3. Technical Quiz Competition On Selected Topics, 4. Flipped Mode Sessions 5. Group Discussion Among Students
5.	Dr. S. R. Jondhale	SE	Electrical Circuits	1. Chalk & Talk 2. PPT 3. Simulation 4. Brainstorming 5. Animations of DC and AC machines	1.Blackboard 2.Power point presentation and animation. 3. Orally Brainstorming sessions 4. You tube videos on DC and AC machines
6.	Er. S.S.Gite	SE	Electrical Circuits	1.Chalk & Talk 2. PPT, Q&A 3. Simulation Brainstorming	1.Blackboard 2.Power point presentation and animation. 3.Orally Brainstorming sessions

					4.You tube videos on DC and AC machines.
7.	Dr. R. S. Pawase	SE	Data Structures	1. Flash Animations on data structures 2. Brain storming on C language	1. Flash animations on data structures by Mr. Yashwant Kanetkar website https://visualgo.net/en/list
8.	Er. P.S Aswale	SE	Data Structures	1.Virtual Lab 2.PPT, 3.Animation	1.Smart Board 2.PPT 3.Classroom Teaching
9.	Dr. S. R. Gagare	SE	Digital Circuits	1. Online MCQ Test 2. Animation of logic gate functioning 3. Technical Quiz 4. NPTEL Video lectures	1. www.avcoe.myexamo.org 2. Online- http://www.32x8.com/var4.html 3. https://www.indiabix.com/digital-electronics/questions-and-answers/ 4. https://nptel.ac.in/courses/117/106/117106086/
10.	Er.P.R. Gaikwad	SE	Digital Circuits	1. NPTEL Video Lecture 2. PPT	1. Classroom teaching with PPT, 2. Chalk and Blackboard
11.	Dr. M. B. Kadu	TE	Digital Communication	1. Brainstorming sessions. 2.Video lectures 3. Animations.	1. Oral brainstorming sessions. 2. www.youtube.com .
12.	Er. R. N. Deokar	TE	Database management system	1. Chalk & Talk 2.NPTEL Video Lectures 3. Database tools (e.g., MySQL, PostgreSQL, MongoDB)	1. LCD Projector 2. PPT 3. https://nptel.ac.in/courses/106/106/106106220
13.	Er. J. N. Pote	TE	Electromagnetic field Theory	1. PPT, 2. Chalk & Talk	1. Tutorials and problem solving session on mathematical derivations and numericals
14.	Er. S. B. Kawade	TE	Microcontrollers	1. Flash Animation 2. Brainstorming 3.Technical quiz on digital CMOS basic concepts.	1. Classroom teaching with PPT, 2. Chalk and Board

15.	Dr. S. R. Jondhale	TE	Fundamental of JAVA Programming	1. PowerPoint Presentation 2. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
16.	Dr. R. S. Pawase	BE	VLSI Design & Technology	1. Evaluation of transistors from sand to silicon to a processor. 2. Working of MOSFET animation. 3. ASIC phases explanation using Powerpoint presentation. 4. Technical quiz on digital CMOS basic concepts.	1. Intel video on youtube https://www.youtube.com/watch?v=Q5paWn7bFg4 Animation Video 2. Animation Video https://www.youtube.com/watch?v=8Np0qawbbCI 3. ASIC Phases on power point presentation. 4. https://www.indiabix.com/digital-electronics/digital-concepts/discussion-21
17.	Er.V.R. Aware	BE	JavaScript	1. Brainstorming sessions. 2. Video lectures	1. Oral brainstorming sessions.
18.	Prof.Dr. R. P. Labade	BE	Radiation & Microwave Techniques	1. Analogy for Reflection coefficient and VSWR concept/Antenna array with multistage Amplifier. 2. Videos to cover on additional Concepts.	1. Classroom Teaching with appropriate example of day to day life /Classroom Teaching with appropriate example. 2. www.nptel.ac.in/ (Microwave Theory and Techniques by Prof. Girish Kumar IIT, Mumbai).
19.	Dr. S. R. Gagare	BE	Deep Learning	1. Animation of ANN used in Deep Learning. 2. Playground.tensorflow for neural network 3. Case Study on Image Classification using google Colab	Classroom teaching with DLP
20.	Dr.M. B. Kadu		Cloud Computing	1. Video Lectures. 2. Quiz 3. Animations.	1. Mobile App Qtest
21.	Er.N.M. Pachore	BE	Electronics Product Design	1. Animation of product design process. 2. PPT Presentation on design steps	1. Website/field visit/Reference Manual 2. Online http://www.32x8.com/var4.html 3. https://www.slideshare.net/tronicszone/electronic-

Innovative Teaching Pedagogy (2024-25)

Semester-II

Table B.5.5: Innovative Teaching Pedagogy (2024-25) Sem II

Sr. No.	Name of Faculty	Classes	Course	Method Adopted	Medium
1	Er. M. A. Maid	SE	Signals & Systems	1.Board-Based Quizzes 2.Sketching & Doodling: Use simple sketches to make abstract concepts more relatable. 3.Live Problem Solving: Work through problems step-by-step, allowing students to participate. 4.Role Reversal: Assign students topics to prepare and teach using the board.	Classroom teaching with Chalk and Board
2	Dr. R. S. Pawase	SE	Signals & Systems	1. Convolution process 2. Spectrum Concept Explained in simple way Probability Concept using trials.	1.Animation, 2.Power Point Presentation Demonstration of probability using physical trials of Dice, Coin.
3	Er. S. S. Gite	SE	Control Systems	1.Power Point Presentation 2. Flipped Classroom 3. Nptel Video	1. Classroom teaching with Chalk, Board and PPT 2. NPTEL Lecture Series: https://youtube.com/playlist?list=PLyqSpQzTE6M8-wda5vbgHkMQTmu-21hRK&si=QrYfV13fZXbLOQ6O
4	Er. P. R. Gaikwad	SE	Control Systems	1.PowerPoint Presentation 2. Flipped Classroom 3. Nptel Video	1. Classroom Teaching with chalk & Board
5	Dr. M. B. Kadu	SE	Principles of Communication Systems	1. Brainstorming sessions. 2. Video lectures	1. Oral brainstorming sessions. 2. www.youtube.com . 3. www.avcoe.myexamo.org

				3. Animations. 4. Online MCQ Test	
6	Er. N. M. Pachore	SE	Principles of Communication Systems	1.PowerPoint Presentation 2. NPTEL Video lectures 3. Brainstorming 4.Quizzes/ MCQ	Classroom Teaching with chalk, PPT & Board https://nptel.ac.in/courses/108/104/108104091/
7	Er. J. N. Pote	SE	Object Oriented Programming	1.PowerPoint Presentation 2. NPTEL Video lectures 3. Role Reversal 4.Quizzes/ MCQ	Classroom teaching with Chalk and Board https://onlinecourses.nptel.ac.in/noc25_cs34
8	Er. P .S. Aswale	SE	Object Oriented Programming	1 . One minute activity 2. PPT 3 Flipped class room	Classroom teaching with Chalk and Board
9	Dr. R. S. Pawase	TE	Power Devices & Circuits	1.Analogy of SCR with Door Concept of Harmonics and its effect in inverters	1. Chalk and Board Power Point Presentation
10	Dr. S. R. Gagare	TE	Cellular Network	1. PPT Presentation 2. .Animation 3. NPTEL Video Lectures	1. LCD Projector 2. Online presentation 3. NPTEL Link
11	Er. V. R. Aware	TE	Project Management	1. PPT on Marketing Management	1.Power point presentation.
12	Dr. S. R. Jondhale	TE	Advanced JAVA Programming	1 Chalk, Talk, PPT, 2. Programming on Java concepts	1. LCD Projector, 2. Blogs of AJP concepts from www.javapoint.com , www.geekforgeeks.com
13	Er. S. B. Kawade	TE	Embedded Processor	1.Power Point Presentations 2. Videos & Simulation	1. 1. Classroom teaching with PPT, 2. 2. Chalk and Board 3. https://nptel.ac.in/courses/117/106/117106111/
14	Er. R. N. Deokar	BE	Mobile Computing	1.Power Point Presentation 2Animations on Mobile communication. 3. NPTEL video lectures on Introduction to Wireless and Cellular Communications 4. MCQ based quiz	1. LCD Projector 2. Online presentation 3. https://www.youtube.com/watch?v=ISwRfjgUYqQ 4. https://nptel.ac.in/courses/106/106/106106167/

15	Dr. Prof. R. P. Labade	BE	Remote Sensing	1.Power Point Presentations 2. Videos & Simulation	1. Classroom teaching with PPT, 2. Chalk and Board https://nptel.ac.in/courses/117/106/117106111/
16	Er. R. S. Satpute	BE	Fiber optic communication	1.Power Point Presentation 2.NPTEL Video lectures for Core and Cladding	1. Classroom teaching with PPT,Chalk and Board 2.https://dituniversity.digimat.in/nptel/courses/video/108104113/L11.html https://nptel.ac.in/courses/117101002

Innovative Teaching Pedagogy (2023-24)

Semester-I

Table B.5.5: Innovative Teaching Pedagogy (2023-24) Sem I

Sr. No .	Name of Faculty	Class	Course	Method Adopted	Medium
1.	Mr. Gorde G.N.	SE	Engineering Mathematic III	1. Mathematical Modeling 2. NPTEL videon on transforms 3. Mathematical surfaces	1. Classroom teaching 2. https://nptel.ac.in/courses/111/106/111106139/ 3. SCILAB
2.	Er. R. K. Kharat	SE	Electronic Circuits	1. Online MCQ Test 2. Animation of MOSFET 3. Technical Quiz 4. Video lectures 5. Project based Learning	1. www.avcoe.myexamo.org 2. http://www.32x8.com/var4.html 3. https://www.youtube.com/watch?v=4_nGFY7zgDM 5. https://www.youtube.com/watch?v=ItOV1nkTIPU
3.	Dr. S. R. Jondhale	SE	Electrical Circuits	1 Chalk & Talk 2.PPT, Q&A 3. Simulation 4. Brainstorming	1.Blackboard 2.Power point presentation and animation. 3.Orally Brainstorming sessions
4.	Dr. R. S. Pawase	SE	Data Structures	1. Flash Animations on data structures	1. Flash animations on data

				2. Online MCQ Test 3. Brain storming on C language	structures by Mr. Yashwant Kanetkar 2. www.avcoe.myexamo.org 3. https://www.includehelp.com/c-programming-puzzles-c-sundae-examples-solutions.aspx
5.	Dr. S. R. Gagare	SE	Digital Circuits	1. Online MCQ Test 2. Animation of logic gate functioning 3. Technical Quiz 4. NPTEL Video lectures	1. www.avcoe.myexamo.org 2. Online- http://www.32x8.com/var4.html 3. https://www.indiabix.com/digital-electronics/questions-and-answers/ 4. https://nptel.ac.in/courses/117/106/117106086/
6.	Dr. M. B. Kadu	TE	Digital Communication	1. Brainstorming sessions. 2. Video lectures 3. Animations.	1. Oral brainstorming sessions. 2. www.youtube.com .
7.	Er. R. N. Deokar	TE	Database management system	1. Chalk & Talk 2. NPTEL Video Lectures 3. Database tools (e.g., MySQL, PostgreSQL, MongoDB) 4. PPT	1. LCD Projector 2. Practice on My SQL
8.	Er. J. N. Pote	TE	Electromagnetic field Theory	1. PPT, 2. Chalk and Blackboard	1. Tutorials and problem solving session on mathematical derivations and numericals
9.	Er. S. B. Kawade	TE	Microcontrollers	1. Flash Animation 2. Brainstorming 3. Use of Gnomio- an ICT based learning tool for effective teaching-learning, conduction of various quizzes and tasks. 4. Youtube channel named "Eduiotech" made available for students for easy access to selective topics. 5. Use of Proteus for interfacing of peripherals with microcontroller	1. Animation in Powerpoint presentation. 2. Assign a task of design and write a code for real time system (Case Study)

10.	Dr. S. R. Jondhale	TE	Fundamentals of JAVA Programming	1.PowerPoint Presentation 2. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
11.	Dr. R. S. Pawase	BE	VLSI Design & Technology	1. Evaluation of transistors from sand to silicon to a processor. 2. Working of MOSFET animation. 3.ASIC phases explanation using Powerpoint presentation. 4.Technical quiz on digital CMOS basic concepts.	1.Intel video on youtube https://www.youtube.com/watch?v=Q5paWn7bFg4 Animation Video 2. Animation Video https://www.youtube.com/watch?v=8Np0qawbbCI 3.ASIC Phases on power point presentation. 4. https://www.indiabix.com/digital-electronics/digital-concepts/discussion-21
13.	Mr.V.R.Aware	BE	JavaScript	1. Brainstorming sessions. 2.Video lectures	1. Oral brainstorming sessions.
14.	Prof.Dr. R. P. Labade	BE	Radiation & Microwave Techniques	1. Analogy for Reflection coefficient and VSWR concept/ Antenna array with multistage Amplifier. 2. Videos to cover on additional Concepts. 3. Use of animation videos for Fundamental concepts of spectrums, Modes in rectangular waveguide.	1.Classroom Teaching with appropriate example of day to day life / Classroom Teaching with appropriate example. 2.www.nptel.ac.in/ (Microwave Theory and Techniques by Prof.Girish Kumar IIT,Mumbai) 3. www.youtube.com
15.	Dr. S. R. Gagare	BE	Deep Learning	1. Animation of ANN used in Deep Learning. 2. Playground.tensorflow for neural network 3. Case Study on Image Classification using google Colab	Classroom teaching with DLP
16.	Er.S.B. Kawade	BE	Machine Learning For IOT	1. Flash Animation 2. Brainstorming 3. Use of Gnomio- an ICT based learning tool for effective teaching-learning, conduction of various quizzes and tasks 4. Youtube channel named "Eduiotech" made available for students for easy access to selective topics.	1. Animation in Powerpoint presentation. 2. Assign different IoT based case studies to students. .

17.	Dr.R.S.Pawase	BE	Machine Learning And Data Science	1. PowerPoint Presentation 2. Animations 3. NPTEL Video Lectures	https://www.youtube.com/watch?v=D3Yg-oxwL44&list=PLkNzcrZgKSxh88h9Ye1jIsV_9BUtIshIU
18.	Dr.M. B. Kadu		Cloud Computing	1. Video Lectures. 2. Quiz 3. Animations.	1. Mobile App Qtest
19.	Er. S. P. Kale	BE	Electronics Product Design	1. Case study to find specification of an electronics product. 2. Animation of product design process. 3. PPT Presentation on design steps.	1. Website/field visit/Reference Manual 2. Online- http://www.32x8.com/var4.html 3. https://www.slideshare.net/tronicszone/electronic-product-design-by-tronicszone

Semester-II

Table B.5.5: Innovative Teaching Pedagogy (2023-24) Sem II

Sr. No .	Name of Faculty	Class	Course	Method Adopted	Medium
1.	Er. R. K. Kharat	SE	Signals & Systems	1.PowerPoint Presentation 2. NPTEL Video Lectures	1. Power Point Presentation.
2.	Er. S. S. Gite	SE	Control Systems	1. PPT on Various Controllers & Industrial Automation. 2.Chalk & Talk 3.MCQ 4.Animations.	Blackboard https://instrumentationtools.com Quiz on Unit First: https://forms.gle/HaMrjBWcmBy7jfzL7
3.	Dr. M. B. Kadu	SE	Principles of Communication Systems	1. Brainstorming sessions. 2. Video lectures 3. Animations. 4. Online MCQ Test	1. Oral brainstorming sessions. 2. www.youtube.com . 3. www.avcoe.myexamo.org
4.	Er. J. N. Pote	SE	Object Oriented Programming	1. Analogy of inheritance concept 2. Online MCQ test	1. Classroom teaching 2. www.avcoe.myexamo.org 3. https://nptel.ac.in/courses/106/105/106105151/

				3. NPTEL video lectures on C++	
5.	Dr. R. S. Pawase	TE	Power Devices & Circuits	1. Two Transistor analogy model using hands 2. Concepts of AC and DC Charts preparation. 3. AC to DC converters and DC to AC inverters waveforms drawing using graph papers, templates preparations 4. Waveforms animation of resonant converters with power point presentation.	1. Demonstration 2. Charts 3. Graph paper drawing: Templates preparations 4. Power Point Presentation
6.	Er. S. R. Gagare	TE	Cellular Network	1. Power Point Presentation 2. Animations 3. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
7	Er. V. R. Aware	TE	Project Mangement	1. PPT on Marketing Management	1.Power point presentation.
8	Dr. S. R. Jondhale	TE	Advanced JAVA Programming	1. Power Point Presentation 2. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
9	Er. S. B. Kawade	TE	Embedded System	1. Animations 2. PPT 3. Video Lectures	1. Classroom teaching with PPT 2. Chalk and Board
10	Er. R. N. Deokar	BE	Mobile Computing	1. Animations on Mobile communication. 2. NPTEL video lectures on Introduction to Wireless and Cellular Communications 3. Power Point Presentation	1. https://www.youtube.com/watch?v=lSwRfjgUYqQ 2. https://nptel.ac.in/courses/106/106/106106167/
11	Prof. Dr. R. P. Labade	BE	Remote Sensing	1. Animation 2. Analogy 3. Use of animation videos for fundamental concepts 4. Videos to cover on additional concepts 5. Real-world Applications such as	1. Classroom Teaching with appropriate example. 2. www.nptel.ac.in/ (Remote Sensing Principles and Applications by Prof. Eswar Rajasekaran, IIT, Bombay) 3. www.youtube.com 4. Visualizations: Use interactive maps, satellite images, and 3D

				environmental monitoring, disaster management, urban planning, agriculture, and more.	models to provide visual context. Platforms like Google Earth, NASA Worldview
12	Er. S. P. Kale	BE	Fiber optic communication	1. Animation 2. Use of animation 3. Videos for fundamental concepts 4. NPTEL Videos to cover on additional concepts 5. PPT	1. Classroom teaching with PPT, 2. Chalk and Blackboard

Innovative Teaching Pedagogy (2022-23)

Semester-I

Table B.5.5: Innovative Teaching Pedagogy (2022-23) Sem I

Sr. No .	Name of Faculty	Class	Course	Method Adopted	Medium
1	Mrs. R. N. Kandekar	SE	Engineering Mathematic III	1. Mathematical Modeling 2. NPTEL videon on transforms 3. Mathematical surfaces	1. Classroom teaching 2. https://nptel.ac.in/courses/111/106/111106139/ 3. SCILAB
2	Er. H. A. Shinde	SE	Electronic Circuits	1. Online MCQ Test 2. Animation of MOSFET 3. Technical Quiz 4. Video lectures 5. Project based Learning	1. www.avcoe.myexamo.org 2. http://www.32x8.com/var4.html 3. www.youtube.com 4. https://www.youtube.com/watch?v=4_nGFY7zgDM 5. https://www.youtube.com/watch?v=ItOV1nkTIPU
3	Er. S. S. Gite	SE	Electrical Circuits	1 Chalk & Talk 2. PPT ,Q&A 3. Simulation 4. Brainstorming	"Blackboard Power point presentation and animation. Orally Brainstorming sessions

4	Dr. R. S. Pawase	SE	Data Structures	1. Flash Animations on data structures 2. Online MCQ Test 3. Brain storming on C language	1. Flash animations on data structures by Mr. Yashwant Kanetkar 2. www.avcoe.myexamo.org 3. https://www.includehelp.com/c-programming-puzzles-c-sundae-examples-solutions.aspx
5	Dr. S. R. Gagare	SE	Digital Circuits	1. Online MCQ Test 2. Animation of logic gate functioning 3. Technical Quiz 4. NPTEL Video lectures	1. www.avcoe.myexamo.org 2. Online- http://www.32x8.com/var4.html 3. https://www.indiabix.com/digital-electronics/questions-and-answers/ 4. https://nptel.ac.in/courses/117/106/117106086/
6	Er. M. B. Kadu	TE	Digital Communication	1. Brainstorming sessions. 2. Video lectures 3. Animations.	1. Oral brainstorming sessions.
7	Er. R. N. Deokar	TE	Database management system	1. Power Point Presentation 2. Animations 3. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
8	Dr. S. R. Jondhale	TE	Electromagnetic field Theory	1. Online Technical quiz 2. Animation of EM waves	1. https://www.youtube.com/watch?v=e5vag9IJmUo&list=PLkNzcrZgKSxgGJWeeE-FnFBEtsTiuJuDt 2. https://teetcavcoe.gnomio.com/course/view.php?id=14 3. https://www.youtube.com/watch?v=pGdr9WLto4A&list=PLI6m4jcR_DbOx6s2toprJQx1MORqPa9rG
9	Er. S. B. Kawade	TE	Microcontrollers	1. Flash Animation 2. Brainstorming 3. Use of Gnomio- an ICT based learning tool for effective teaching-learning, conduction of various quizzes and tasks	1. Animation in Powerpoint presentation. 2. Assign a task of design and write a code for real time system (Case Study)

				4. Youtube channel named “Eduiotech” made available for students for easy access to selective topics. 5. Use of Proteus for interfacing of peripherals with microcontroller	
10	Dr. S. R. Jondhale	TE	Fundamental of JAVA Programming	1. Presentation/ppt, 2. Analogy, 3. *www.javapoint.com* blog on advanced Java programming, 4. Brainstorming	1. Teachers Remote method invocation(RMI) 2. Concept Which Is Analogous to Indian banking systems.
11	Er. A. E. Kachare	BE	VLSI Design & Technology	1. Evaluation of transistors from sand to silicon to a processor. 2. Working of MOSFET animation. 3. ASIC phases explanation using Powerpoint presentation. 4. Technical quiz on digital CMOS basic concepts.	1. Intel video on youtube https://www.youtube.com/watch?v=Q5paWn7bFg4 Animation Video 2. Animation Video https://www.youtube.com/watch?v=8Np0qawbbCI 3. ASIC Phases on power point presentation. 4. https://www.indiabix.com/digital-electronics/digital-concepts/discussion-21
13	Er. V. R. Aware	BE	JavaScript	1. Brainstorming sessions. 2. Video lectures	1. Oral brainstorming sessions.
14	Prof. Dr. R. P. Labade	BE	Radiation & Microwave Techniques	1. Analogy for Reflection coefficient and VSWR concept/Antenna array with multistage Amplifier. 2. Videos to cover on additional Concepts. 3. Use of animation videos for Fundamental concepts of spectrums, Modes in rectangular waveguide.	1. Classroom Teaching with appropriate example of day to day life /Classroom Teaching with appropriate example. www.nptel.ac.in/(Microwave Theory and Techniques by Prof. Girish Kumar IIT, Mumbai) 3. www.microwave101.com
15	Dr. S. R. Gagare	BE	Deep Learning	1. Animation of ANN used in Deep Learning. 2. Playground.tensorflow for neural network 3. Case Study on Image Classification using google Colab	1. Classroom teaching with DLP

16	Er.S.B. Kawade	BE	Machine Learning For IOT	1. Flash Animation 2. Brainstorming 3. Use of Gnomio- an ICT based learning tool for effective teaching-learning, conduction of various quizzes and tasks 4. Youtube channel named “Eduiotech” made available for students for easy access to selective topics.	1.Animation in Powerpoint presentation. 2. Assign different IoT based case studies to students. .
17	Dr.R.S. Pawase	BE	Machine Learning And Data Science	1. PowerPoint Presentation 2. Animations 3. NPTEL Video Lectures	https://www.youtube.com/watch?v=D3Yg-oxwL44&list=PLkNzcrZgKSxh88h9Ye1jIsV_9BUtIShIU
18	Er.M. B. Kadu	BE	Cloud Computing	1. Video Lectures. 2. Quiz 3. Animations.	1.Mobile App Qtest

Semester-II

Table B.5.5: Innovative Teaching Pedagogy (2022-23) Sem II

Sr. No .	Name of Faculty	Class	Course	Method Adopted	Medium
1	Er. R. K. Kharat	SE	Signals & Systems	1. PPT, 2.Q&A	1. Power Point Presentation. 2 Blackboard
2	Er. S. S. Gite	SE	Control Systems	1. Online MCQ Test 2. Animations. 3. Technical Quiz 4. NPTEL Video Lectures	1. www.avcoe.myexamo.org 2. Online presentation 3. https://www.indiabix.com 4. www.youtube.com
3	Er. M. B. Kadu	SE	Principles of Communication Systems	1. Brainstorming sessions. 2. Video lectures 3. Animations. 4. Online MCQ Test	1. Oral brainstorming sessions. 2. www.youtube.com . 3. www.avcoe.myexamo.org
4	Er. J. N. Pote	SE	Object Oriented Programming	1. Analogy of inheritance concept 2. Online MCQ test	1. Classroom teaching 2. www.avcoe.myexamo.org

				3. NPTEL video lectures on C++	3. https://nptel.ac.in/courses/106/105/106105151/
5	Dr. R. S. Pawase	TE	Power Devices & Circuits	1. Two Transistor analogy model using hands 2. Concepts of AC and DC Charts preparation. 3. AC to DC converters and DC to AC inverters waveforms drawing using graph papers, templates preparations 4. Waveforms animation of resonant converters with power point presentation.	1. Demonstration 2. Charts 3. Graph paper drawing: Templates preparations 4. Power Point Presentation
6	Dr. S. R. Gagare	TE	Cellular Network	1. Power Point Presentation 2. Animations 3. NPTEL Video Lectures	1. LCD Projector 2. Online presentation
7	Er. V. R. Aware	TE	Project Mangement	1. PPT on Marketing Management	1. Power point presentation.
8	Dr. S. R. Jondhale	TE	Advanced JAVA Programming	1. Power Point Presentation 2. NPTEL Video Lectures	1. Power point presentation 2. www.nxp.com
9	Er. R. N. Deokar	BE	Mobile Computing	1. Animations on Mobile communication 2. NPTEL video lectures on Introduction to Wireless and Cellular Communications 3. PPT	1. https://www.youtube.com/watch?v=lSwRfjgUYqQ 2. https://nptel.ac.in/courses/106/106/106106167/
10	Prof. Dr. R. P. Labade	BE	Remote Sensing	1. PowerPoint Presentation 2. NPTEL Video Lectures of Remote sensing principles and application 3. MATLAB assignments 4. Quizes	1. https://www.youtube.com/watch?v=WbjPPgdmhuQ&list=PLOzRYVm0a65cD8A9tJpU-vOoz1LDQ-UjD 2. https://www.youtube.com/watch?v=4Rn0M39HOPU&list=PLLy2iUCG87CDlroZBlwwBllYwz

				5. Animations	7KxVtA
11	Er. S. P. Kale	BE	Fiber optic communication	1.Animation 2.Use of animation 3.videos for fundamental concepts 4.NPTEL Videos to cover on additional concepts 5.PPT	Classroom teaching with PPT, Chalk and Blackboard