

INNOVATION BY FACULTY MEMBERS IN TEACHING & LEARNING

The Institute is dedicated to generating, disseminating, and preserving knowledge up to the world's great challenges. The faculty members are academically inclined to shape our students with life skills that combine rigorous academic study and intellectual stimulation to stand among the top and sustainable professionals globally. Demonstrations using YouTube videos and simulation tools, notes, question banks, books, PowerPoint presentations, etc. turn conventional into exceptional.

S. No.	Name of Faculty	Subject	Innovation	Methodology	Impact
1	Mr. Manju Singh	Digital System Design	https://www.youtube.com/playlist?list=PLU-faXGCDVRK8972nXyNynzkA5xu9zCoF	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes effective and enriching
		Microprocessors and Microcontrollers	https://www.youtube.com/playlist?list=PLU-faXGCDVRJ_FskAr0wl7wuGzVwFExqH		
		Digital Communication	https://www.youtube.com/playlist?list=PLU-faXGCDVRKiqc54Wsr7gmZWeQD8TY-		
2	Dr. Garima Chandel	Computer Architecture & Organisation	https://www.youtube.com/watch?v=MYeL0W5Itbw&list=PLM4FEo3Plj4GiTC15GhexLlkMrPlndK_b	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes

		Microprocessors	https://www.youtube.com/watch?v=gLFgb08qPgl&list=PLM4FEo3Plj4Gbg-WncSlltMxCa2eqPI8		effective and enriching
		Electronics Engineering	https://www.youtube.com/watch?v=441RamhTMy4		
3	Mr. Prabhakar Sharma	Digital Electronics	Books Published	Books are available in easier language for better understanding	Students understood the concepts in a better way
		Wireless & Mobile Communication			
		Antenna & Wave Propagation			
		Digital design			
		Renewable Energy Resources			
		Wireless Communication			
		Electrical Engineering Lab			
4	Mr. Praveer Saxena	Python	https://www.youtube.com/watch?v=gVQNgnt4udA	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes effective and enriching
5	Mr. Nitesh Kumar	LabVIEW	https://youtube.com/playlist?list=P	Intuitive addition to	Students learn better with

			L8aqAqvs7wk4Vxz A625q8PM6E_fOh OjFh	modern learning environments	visual aids, learning process becomes effective and enriching
6	Ms. Manju Singh	Communication Engineering	https://www.youtube.com/playlist?list=PLU-faXGCDVRLiEqVMUyVbTSPsHeLrAJ11	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes effective and enriching
		Microprocessors	https://www.youtube.com/playlist?list=PLU-faXGCDVRJScT_oc_eYo_MfISgScPQoD		
		Information Theory & Coding	https://www.youtube.com/playlist?list=PLU-faXGCDVRI5xp_6HZaQYpOopeHUVXNU		
7	Dr. Setu Garg	Communication Engineering	Question Bank	Question Bank was given to students for scoring better	Students scored better with the help of this question bank

8	Mr. Navneet Kumar	Digital Signal Processing Lab	https://youtube.com/user/nsitnavneet	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes effective and enriching
9	Dr. Monika Jain	Role of Applied Sciences in Engineering	PowerPoint Presentations	PPTs are presented lucidly to groom students by introducing them to the importance of the basic sciences of physics, mathematics, and chemistry for Engineering	Practical aspects of applied sciences frame a concrete foundation as a part of engineering education
10	Ms. Apurva Thakur	Communication Engineering	https://youtu.be/s5rK5AVC6XQ	Intuitive addition to modern learning environments	Students learn better with visual aids, learning process becomes effective and enriching